

# OCT 5.9.13 Database Documentation








































## OCT





















































































<b>Server</b>	W10
<b>Author</b>	Gerd Tautenhahn
<b>Created</b>	Montag, 15. Mai 2023 10:40:07
<b>File Path</b>	D:\Bitbucket\db\PowerShell\Publish OCT\DatabaseDocumentation.pdf










































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
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
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
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





































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## **OCT Database**

## **Tables**

### Objects

Name
<b>control.tCustomFailureReport</b> <i>Table for failure reporting.</i>
<b>control.tSystemFailureReport</b> <i>Table for failure reporting.</i>
<b>global.tCodes</b> <i>Table to store informations about CODEs - these are Upper Letter Keywords to define domains or static keywords for the code which will be translated into languages later in result.</i>
<b>global.tCompanies</b> <i>Table to store information about companies.</i>
<b>global.tCompanyMapping</b> <i>Table to store the mapping from integration companies to global companies.</i>
<b>global.tPeriods</b> <i>Table to store information about time periods.</i>
<b>global.tStructureDescriptions</b> <i>Table to store structures.</i>
<b>global.tStructures</b> <i>Table to store structures.</i>
<b>load.tdFactories</b> <i>Table to store factories.</i>
<b>load.tdProductLines</b> <i>Table to store ProductLines.</i>
<b>load.tdProducts</b> <i>Table to store products.</i>
<b>load.tdTime</b> <i>Table to store the timeline definition per Product.</i>
<b>load.tdValueSeries</b> <i>Table to store valueseries.</i>
<b>load.tfValues</b> <i>Table to store values.</i>
<b>load.trRights</b> <i>Table to store rights.</i>
<b>load.trUser</b> <i>Table to store user of OCT.</i>
<b>planning.tdFactories</b> <i>Table for Dimension Factories.</i>
<b>planning.tdProductLines</b> <i>Table for Dimension ProductLines.</i>
<b>planning.tdProducts</b> <i>Table for Dimension Product.</i>
<b>planning.tdTime</b> <i>Table to store the timeline definition per Product.</i>
<b>planning.tdValueSeries</b> <i>Table to store the valueseries.</i>
<b>planning.tFiles</b> <i>Table to store files.</i>
<b>planning.tfStatements</b>

<i>Table to store statements.</i>
<b>planning.tfValues</b> <i>Table to store all OCT Values.</i>
<b>planning.tgCluster</b> <i>Table to store global Cluster Informations.</i>
<b>planning.tgFactories</b> <i>Table to store Factory Properties.</i>
<b>planning.tgProductLines</b> <i>Table to Store ProductLine Properties.</i>
<b>planning.tgProducts</b> <i>Table to store Product Properties.</i>
<b>planning.tgValueEffects</b> <i>Table to store ValueEffects.</i>
<b>planning.thFormats</b> <i>Table to store Format Definitions, which are applied on ValueSeries, GlobalAttributes and TimeIDs.</i>
<b>planning.thLists</b> <i>Table to store Listnames.</i>
<b>planning.thListValues</b> <i>Table to store List Values.</i>
<b>planning.trPreferences</b> <i>Table to store Preferences - in contrast to properties, preferences can be userdependend.</i>
<b>planning.tTabs</b> <i>Table to store Tabs on all levels (Cluster, Factory, ProductLine, Product). Tabs can contain Pivot Tables, Data-Grids, HTML Pages etc.</i>
<b>system.tAPI_Log</b> <i>Table to store user of OCT.</i>
<b>system.tConnectorQueries</b> <i>Table to store connectors.</i>
<b>system.tConnectors</b> <i>Table to store connectors.</i>
<b>system.tDashboards</b> <i>Table to store Report definitions.</i>
<b>system.tDataSources</b> <i>Table to store connections to source systems.</i>
<b>system.tEmails</b> <i>Table to store Emails as a queue.</i>
<b>system.tIcons</b> <i>Table to store icons for use in application GUI.</i>
<b>system.tLogicIndex</b> <i>Table to store informations about activated Logicmodules. All activated modules are included. On deactivation modules will be deleted in this table.</i>
<b>system.tPipelineLog</b> <i>Table to Logs per Pipeline Execution. Step Logs are saved separatly in system.StepLog</i>
<b>system.tPipelines</b> <i>Table to store process pipelines.</i>
<b>system.tPipelineSchedules</b> <i>Table to store defined schedules for pipelines.</i>
<b>system.tPipelineStepLog</b> <i>Table to store logs per executed step</i>
<b>system.tPipelineSteps</b> <i>Table to store process steps.</i>
<b>system.tProcessLogs</b> <i>Table to store log entries of all application processes which use monitoring services.</i>
<b>system.tReports</b> <i>Table to store Report definitions.</i>

**system.trRights**

*Table to store defined Rights per User - only positiv given rights are stored on highest level.*

*Resolving Rights to effectiv Rights for all levels is done to table*

*system.trUserRights*

**system.trUser**

*Table to store user of OCT.*

**system.trUserRights**

*Table to store effective positiv Rights per User for all level. Table will be automaticly managed by calculation proceduer. Use in most outputs, which filter on Userights.*

**system.tSettings**




*Table to store global database properties.*

## [control].[tCustomFailureReport]

### MS\_Description

Table for failure reporting.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
 PK	RowKey <i>Technical Primary Key for row identity.</i>	bigint	8	NOT NULL	1 - 1
	Timestamp <i>The timestamp of the failure.</i>	datetime	8	NOT NULL	
	FactoryID <i>Business Key for the factory.</i>	nvarchar(255)	510	NOT NULL	
	ProductLineID <i>Business Key for the productline.</i>	nvarchar(255)	510	NOT NULL	
	ProductID <i>Business key for the product.</i>	nvarchar(255)	510	NOT NULL	
	TestSource <i>The test source.</i>	nvarchar(255)	510	NOT NULL	
	TestName <i>The test name.</i>	nvarchar(255)	510	NOT NULL	
	ResultType <i>The result type of the failure report.</i>	nvarchar(255)	510	NOT NULL	
	ResultText <i>The content of the failure report.</i>	nvarchar(max)	max	NOT NULL	
	ResultNumeric <i>The numeric result.</i>	money	8	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
 PK	PK_tCustomFailureReport	RowKey	True
	IX_tCustomFailureReport_TimeFID	Timestamp DESC, FactoryID	

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

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control

## Used By




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[dbo].[sx\_pf\_GET\_Info\_CustomFailureReport]

 **[control].[tSystemFailureReport]**
**MS\_Description**

Table for failure reporting.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	RowKey <i>Technical Primary Key for row identity.</i>	bigint	8	NOT NULL	1 - 1
	Timestamp <i>The timestamp of the failure.</i>	datetime	8	NOT NULL	
	FactoryID <i>Business Key for the factory.</i>	nvarchar(255)	510	NOT NULL	
	ProductLineID <i>Business Key for the productline.</i>	nvarchar(255)	510	NOT NULL	
	ProductID <i>Business key for the product.</i>	nvarchar(255)	510	NOT NULL	
	TestSource <i>The test source.</i>	nvarchar(255)	510	NOT NULL	
	TestName <i>The test name.</i>	nvarchar(255)	510	NOT NULL	
	ResultType <i>The result type of the failure report.</i>	nvarchar(255)	510	NOT NULL	
	ResultText <i>The content of the failure report.</i>	nvarchar(max)	max	NOT NULL	
	ResultNumeric <i>The numeric result.</i>	money	8	NOT NULL	

**Indexes**

Key	Name	Key Columns	Unique
	PK_tSystemFailureReport	RowKey	True
	IX_tSystemFailureReport_TimeFID	Timestamp DESC, FactoryID	

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

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control

## Used By

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[control].[spSystemFailureReport]

[dbo].[sx\_pf\_GET\_Info\_SystemFailureReport]

 **[global].[tCodes]**
**MS\_Description**

Table to store informations about CODEs - these are Upper Letter Keywords to define domains or static keywords for the code which will be translated into languages later in result.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	RowKey <i>Technical primary Key for row identity.</i>	bigint	8	NOT NULL	1 - 1
	ModuleID <i>ID for the Modul which created this Code. Part of combined Business Key ModuleID, LanguageID, CODE. For System Codes use 'system' as ModuleID.</i>	nvarchar(255)	510	NOT NULL	
	LanguageID <i>Language identifier for the code description. Part of combined Business Key ModuleID, LanguageID, CODE. Identifiers are stored in ISO 639-1 standard (e.g. DE, EN, FR, ...).</i>	nvarchar(10)	20	NOT NULL	
	CODE <i>Code written in uppercase letters, the CODE must be unique for the modul. Part of combined Business Key ModuleID, LanguageID, CODE.</i>	nvarchar(50)	100	NOT NULL	
	Scope <i>Scope for the CODE - can be used to allocate Codes to groups or objects. Use 'default' if no scope is needed.</i>	nvarchar(255)	510	NOT NULL	
	Description <i>Description of CODE in specific language.</i>	nvarchar(255)	510	NOT NULL	

**Indexes**

Key	Name	Key Columns	Unique
	PK_global_tCodes	RowKey	True

**Extended Properties**

Name	Value
IsDefaultContent	1
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

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global

## Used By

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[global].[spDELETE\_Code]




[global].[spGET\_Codes]

[global].[spPOST\_Code]

 **[global].[tCompanies]**
**MS\_Description**

Table to store information about companies.

**Columns**

Key	Name	Data Type	Computed	Max Length (Bytes)	Nullability	Identity
	<b>RowKey</b> <i>Technical primary Key for row identity.</i>	int		4	NOT NULL	1 - 1
	<b>CompanyKey</b> <i>Technical key for the company consisting of DataSourceID and CompanyID.</i>	nvarchar(63)	True	126	NOT NULL	
	<b>DataSourceKey</b> <i>Business ID for the Datasource - this column is name Key due to module compatibility but is an NVARCHAR ID !.</i>	int		4	NOT NULL	
	<b>CompanyID</b> <i>Business ID for the company, usually comes from the source system.</i>	nvarchar(50)		100	NOT NULL	
	<b>CompanyName</b> <i>The company name.</i>	nvarchar(255)		510	NOT NULL	
	<b>Description</b> <i>The description for the company.</i>	nvarchar(2000)		4000	NOT NULL	
	<b>FinancialYearBegin</b> <i>Number indicating the beginning of the financial year.</i>	int		4	NOT NULL	
	<b>ChartsOfAccountsID</b> <i>Business key for the charts of the accounts, referencing global.tFIN_ChartsOfAccounts</i>	nvarchar(50)		100	NOT NULL	
	<b>AccountLength</b> <i>Number indicating the length of the accounts.</i>	int		4	NOT NULL	
	<b>Currency</b> <i>The currency of the company.</i>	nvarchar(50)		100	NOT NULL	
	<b>CustomValuesJSON</b> <i>The content of the CustomValues JSON file.</i>	nvarchar(max)		max	NOT NULL	
	<b>CustomValuesJSONUser</b> <i>The content of the CustomValues JSON user file.</i>	nvarchar(max)		max	NOT NULL	
	<b>OwnerCODE</b> <i>The Owner CODE, use default INTEGRATION.</i>	nvarchar(50)		100	NOT NULL	

### Computed columns

Name	Column definition
CompanyKey	(concat([DataSourceKey],N' ',[CompanyID]))

### Indexes

Key	Name	Key Columns	Unique
	PK_global_tCompanies_RowKey	RowKey	True
	AK_global_tCompanies_DataSourceIDCompanyID	DataSourceKey, CompanyID	True

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

global

### Used By


[global].[spDELETE\_Company]  
[global].[spGET\_Companies]  
[global].[spPOST\_Company]  
[system].[pGET\_LicenceInformation]  
[system].[spDELETE\_DataSource]

## [global].[tCompanyMapping]

### MS\_Description

Table to store the mapping from integration companies to global companies.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	RowKey <i>Technical Primary Key for row identity.</i>	int	4	NOT NULL	1 - 1
	CompanyKeyIntegration <i>Technical key for integration company.</i>	nvarchar(50)	100	NOT NULL	
	CompanyIDGlobal <i>Business key for global company.</i>	nvarchar(50)	100	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_global_tCompanyMapping	RowKey	True

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1


### Uses

global

 **[global].[tPeriods]**
**MS\_Description**

Table to store information about time periods.

**Columns**

Key	Name	Data Type	Computed	Max Length (Bytes)	Nullability	Identity
	<b>RowKey</b> <i>Technical Primary Key for row identity.</i>	int		4	NOT NULL	1 - 1
	<b>PeriodKey</b> <i>Key to identify a period, its automatically calculated as (FinancialYear * 10000) + (FinancialYearBegin * 100) + [Period].</i>	int	True	4	NULL allowed	
	<b>FinancialYear</b> <i>The financial Year.</i>	int		4	NOT NULL	
	<b>Period</b> <i>The period.</i>	int		4	NOT NULL	
	<b>FinancialYearBegin</b> <i>Number indicating the beginning of the financial year.</i>	int		4	NOT NULL	
	<b>FinancialYearName</b> <i>The name of the financial year.</i>	nvarchar(50)		100	NOT NULL	
	<b>CalendarYear</b> <i>The calendar year.</i>	int		4	NOT NULL	
	<b>CalendarMonth</b> <i>The calendar month.</i>	int		4	NOT NULL	
	<b>CalendarQuarterCODE</b> <i>The CODE for the calendar quarter.</i>	nvarchar(50)		100	NOT NULL	
	<b>CalendarHalfYearCODE</b> <i>The CODE for the calendar half year.</i>	nvarchar(50)		100	NOT NULL	

**Computed columns**

Name	Column definition
PeriodKey	((([FinancialYear]*(10000))+([FinancialYearBegin]*(100)))+[Period])

**Indexes**

Key	Name	Key Columns	Unique
	PK_global_tPeriods	RowKey	True

### Extended Properties

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Name	Value
IsDefaultContent	1
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

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global

## [global].[tStructureDescriptions]

### MS\_Description

Table to store structures.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	RowKey <i>Technical Primary Key for row identity.</i>	bigint	8	NOT NULL	1 - 1
	StructureElementID <i>Business key for the structure element.</i>	nvarchar(255)	510	NOT NULL	
	LanguageID <i>Business key for the language.</i>	nvarchar(255)	510	NOT NULL	
	Description <i>The discription of the structure.</i>	nvarchar(255)	510	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_global_tStructureDescriptions	RowKey	True

### Extended Properties

Name	Value
IsDefaultContent	1
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1


### Uses

global

 **[global].[tStructures]**
**MS\_Description**

Table to store structures.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	RowKey <i>Technical primary Key for row identity.</i>	bigint	8	NOT NULL	1 - 1
	StructureID <i>Business key for the structure.</i>	nvarchar(3)	6	NOT NULL	
	ParentID <i>Business key for the parent.</i>	nvarchar(255)	510	NOT NULL	
	StructureElementID <i>Business key for the structure element.</i>	nvarchar(255)	510	NOT NULL	
	Level <i>Number indicating the level of the structure.</i>	int	4	NOT NULL	

**Indexes**

Key	Name	Key Columns	Unique
	PK_global_tStructures	RowKey	True

**Extended Properties**

Name	Value
IsDefaultContent	1
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1


**Uses**

global

 **[load].[tdFactories]**
**MS\_Description**

Table to store factories.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	RowKey <i>Technical Primary Key for row identity.</i>	int	4	NOT NULL	1 - 1
	FactoryID <i>Factory ID.</i>	nvarchar(255)	510	NOT NULL	
	NameShort <i>The short name of the factory.</i>	nvarchar(255)	510	NOT NULL	
	NameLong <i>The long name of the factory.</i>	nvarchar(255)	510	NOT NULL	
	CommentUser <i>The user comment.</i>	nvarchar(max)	max	NOT NULL	
	CommentDev <i>The development comment.</i>	nvarchar(max)	max	NOT NULL	
	ResponsiblePerson <i>The person responsible.</i>	nvarchar(255)	510	NOT NULL	
	ImageName <i>The name of the image.</i>	nvarchar(255)	510	NOT NULL	
	Source <i>The source of the factory.</i>	nvarchar(255)	510	NOT NULL	
	SourceTimeStamp <i>The timestamp of the source.</i>	datetime	8	NOT NULL	

**Indexes**

Key	Name	Key Columns	Unique
	PK_load_tdFactories	RowKey	True

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

**Uses**

load

## Used By


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[import].[spPOST\_dFactories]

 **[load].[tdProductLines]**
**MS\_Description**

Table to store ProductLines.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	RowKey <i>Technical Primary Key for row identity.</i>	int	4	NOT NULL	1 - 1
	ProductLineID <i>ProductLine ID.</i>	nvarchar(255)	510	NOT NULL	
	FactoryID <i>Factory ID.</i>	nvarchar(255)	510	NOT NULL	
	NameShort <i>The short name of the productline.</i>	nvarchar(255)	510	NOT NULL	
	NameLong <i>The long name of the productline.</i>	nvarchar(255)	510	NOT NULL	
	CommentUser <i>The user comment.</i>	nvarchar(max)	max	NOT NULL	
	CommentDev <i>The development comment.</i>	nvarchar(max)	max	NOT NULL	
	ResponsiblePerson <i>The responsible person.</i>	nvarchar(255)	510	NOT NULL	
	ImageName <i>The image name.</i>	nvarchar(255)	510	NOT NULL	
	DefaultTemplate <i>The default template.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource1 <i>The source of the 1. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias1 <i>The alias of the 1. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource2 <i>The source of the 2. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias2 <i>The alias of the 2. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource3 <i>The source of the 3. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias3 <i>The alias of the 3. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource4 <i>The source of the 4. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias4 <i>The alias of the 4. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource5 <i>The source of the 5. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias5 <i>The alias of the 5. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource6	nvarchar(255)	510	NOT NULL	

	<i>The source of the 6. global attribute.</i>				
GlobalAttributeAlias6	<i>The alias of the 6. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource7	<i>The source of the 7. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias7	<i>The alias of the 7. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource8	<i>The source of the 8. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias8	<i>The alias of the 8. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource9	<i>The source of the 9. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias9	<i>The alias of the 9. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource10	<i>The source of the 10. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias10	<i>The alias of the 10. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource11	<i>The source of the 11. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias11	<i>The alias of the 11. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource12	<i>The source of the 12. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias12	<i>The alias of the 12. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource13	<i>The source of the 13. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias13	<i>The alias of the 13. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource14	<i>The source of the 14. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias14	<i>The alias of the 14. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource15	<i>The source of the 15. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias15	<i>The alias of the 15. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource16	<i>The source of the 16. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias16	<i>The alias of the 16. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource17	<i>The source of the 17. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias17	<i>The alias of the 17. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource18	<i>The source of the 18. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias18	<i>The alias of the 18. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource19	<i>The source of the 19. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias19		nvarchar(255)	510	NOT NULL	

	<i>The alias of the 19. global attribute.</i>				
	GlobalAttributeSource20 <i>The source of the 20. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias20 <i>The alias of the 20. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource21 <i>The source of the 21. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias21 <i>The alias of the 21. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource22 <i>The source of the 22. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias22 <i>The alias of the 22. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource23 <i>The source of the 23. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias23 <i>The alias of the 23. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource24 <i>The source of the 24. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias24 <i>The alias of the 24. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource25 <i>The source of the 25. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias25 <i>The alias of the 25. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	Source	nvarchar(255)	510	NOT NULL	
	SourceTimeStamp	datetime	8	NOT NULL	

## Indexes

Key	Name	Key Columns	Unique
	PK_load_tdProductLines	RowKey	True

## Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

load


## Used By

[import].[spPOST\_dProductLines]

 **[load].[tdProducts]**
**MS\_Description**

Table to store products.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	RowKey <i>Technical Primary Key for row identity.</i>	int	4	NOT NULL	1 - 1
	ProductID <i>Product ID.</i>	nvarchar(255)	510	NOT NULL	
	ProductLineID <i>ProductLine ID.</i>	nvarchar(255)	510	NOT NULL	
	FactoryID <i>Factory ID.</i>	nvarchar(255)	510	NOT NULL	
	TimeType <i>Time type.</i>	nvarchar(255)	510	NOT NULL	
	NameShort <i>The short name of the product.</i>	nvarchar(255)	510	NOT NULL	
	NameLong <i>The long name of the product.</i>	nvarchar(255)	510	NOT NULL	
	CommentUser <i>The user comment.</i>	nvarchar(max)	max	NOT NULL	
	CommentDev <i>The development comment.</i>	nvarchar(max)	max	NOT NULL	
	ResponsiblePerson <i>The responsible person.</i>	nvarchar(255)	510	NOT NULL	
	ImageName <i>The image name.</i>	nvarchar(255)	510	NOT NULL	
	Status <i>The status of the product.</i>	nvarchar(255)	510	NOT NULL	
	Template <i>The template.</i>	nvarchar(255)	510	NOT NULL	
	TemplateVersion <i>The version of the template.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute1 <i>The 1. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute2 <i>The 2. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute3 <i>The 3. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute4 <i>The 4. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute5 <i>The 5. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute6 <i>The 6. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute7	nvarchar(255)	510	NOT NULL	

	<i>The 7. global attribute.</i>				
GlobalAttribute8	<i>The 8. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttribute9	<i>The 9. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttribute10	<i>The 10. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttribute11	<i>The 11. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttribute12	<i>The 12. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttribute13	<i>The 13. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttribute14	<i>The 14. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttribute15	<i>The 15. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttribute16	<i>The 16. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttribute17	<i>The 17. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttribute18	<i>The 18. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttribute19	<i>The 19. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttribute20	<i>The 20. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttribute21	<i>The 21. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttribute22	<i>The 22. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttribute23	<i>The 23. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttribute24	<i>The 24. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttribute25	<i>The 25. global attribute.</i>	nvarchar(255)	510	NOT NULL	
Source	<i>The source of the product.</i>	nvarchar(255)	510	NOT NULL	
SourceTimeStamp	<i>The timestamp of the source.</i>	datetime	8	NOT NULL	

## Indexes

Key	Name	Key Columns	Unique
	PK_load_tdProducts	RowKey	True

## Extended Properties

Name	Value
SX_Module	CORE

SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

---

load

### Used By


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[import].[spPOST\_dProducts]

 **[load].[tdTime]**
**MS\_Description**

Table to store the timeline definition per Product.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	RowKey <i>Technical Primary Key for row identity.</i>	int	4	NOT NULL	1 - 1
	ProductID <i>Business key for the product.</i>	nvarchar(255)	510	NOT NULL	
	ProductLineID <i>Business key for the productline.</i>	nvarchar(255)	510	NOT NULL	
	FactoryID <i>Business key for the factory.</i>	nvarchar(255)	510	NOT NULL	
	TimeID <i>Business key for the time.</i>	bigint	8	NOT NULL	
	FormatID <i>Business key for the format.</i>	nvarchar(255)	510	NOT NULL	
	Source <i>The source.</i>	nvarchar(255)	510	NOT NULL	
	SourceTimeStamp <i>The timestamp of the source.</i>	datetime	8	NOT NULL	

**Indexes**

Key	Name	Key Columns	Unique
	PK_load_tdTime	RowKey	True

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

**Uses**

load


**Used By**

[import].[spPOST\_dTime]

 **[load].[tdValueSeries]**
**MS\_Description**


Table to store valueseries.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	RowKey <i>Technical primary Key for row identity.</i>	int	4	NOT NULL	1 - 1
	ProductID <i>Business key for the product.</i>	nvarchar(255)	510	NOT NULL	
	ProductLineID <i>Business key for the ProductLine.</i>	nvarchar(255)	510	NOT NULL	
	FactoryID <i>Business key for the factory.</i>	nvarchar(255)	510	NOT NULL	
	ValueSeriesID <i>Business key for the valueseries.</i>	nvarchar(255)	510	NOT NULL	
	ValueSeriesNo <i>Numer of the valueseries.</i>	int	4	NOT NULL	
	NameShort <i>The short name of the valueseries.</i>	nvarchar(255)	510	NOT NULL	
	NameLong <i>The long name of the valueseries.</i>	nvarchar(255)	510	NOT NULL	
	CommentUser <i>The user comment.</i>	nvarchar(max)	max	NOT NULL	
	CommentDev <i>The development comment.</i>	nvarchar(max)	max	NOT NULL	
	ImageName <i>The image name.</i>	nvarchar(255)	510	NOT NULL	
	IsNumeric <i>Number to indicate whether valueseries is numeric.</i>	int	4	NOT NULL	
	VisibilityLevel <i>Number to indicate whether valueseries is visible.</i>	int	4	NOT NULL	
	ValueSource <i>The source of the valueseries.</i>	nvarchar(255)	510	NOT NULL	
	ValueListID <i>Valuelist ID.</i>	nvarchar(255)	510	NOT NULL	
	ValueFormatID <i>Valueformat ID.</i>	nvarchar(255)	510	NOT NULL	
	Unit <i>Unit.</i>	nvarchar(255)	510	NOT NULL	
	Scale <i>Number indicating the scale of the valueseries.</i>	int	4	NOT NULL	
	Effect <i>The effect of the valueseries.</i>	nvarchar(255)	510	NOT NULL	

	<b>EffectParameter</b> <i>The effect parameter of the valueseries.</i>	nvarchar(255)	510	NOT NULL	
	<b>Source</b> <i>The source of the valueseries.</i>	nvarchar(255)	510	NOT NULL	
	<b>SourceTimeStamp</b> <i>The timestamp of the source.</i>	datetime	8	NOT NULL	

## Indexes

Key	Name	Key Columns	Unique
	PK_load_tdValueSeries	RowKey	True

## Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

load


## Used By

[import].[spPOST\_dValueSeries]

 **[load].[tfValues]**
**MS\_Description**

Table to store values.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	RowKey <i>Technical Primary Key for row identity.</i>	int	4	NOT NULL	1 - 1
	ProductID <i>Business key for the product.</i>	nvarchar(255)	510	NOT NULL	
	ProductLineID <i>Business key for the productline.</i>	nvarchar(255)	510	NOT NULL	
	FactoryID <i>Business key for the factory.</i>	nvarchar(255)	510	NOT NULL	
	ValueSeriesID <i>Business key for the valueseries.</i>	nvarchar(255)	510	NOT NULL	
	TimeID <i>Business key for the time.</i>	int	4	NOT NULL	
	ValueFormula <i>The value of the formula.</i>	nvarchar(max)	max	NOT NULL	
	ValueInt <i>The value of the integer.</i>	bigint	8	NOT NULL	
	ValueText <i>The value of the text.</i>	nvarchar(max)	max	NOT NULL	
	ValueComment <i>The value of the comment.</i>	nvarchar(max)	max	NOT NULL	
	Source <i>The source of the valueseries.</i>	nvarchar(255)	510	NOT NULL	
	SourceTimeStamp <i>The timestamp of the source.</i>	datetime	8	NOT NULL	

**Indexes**

Key	Name	Key Columns	Unique
	PK_load_tfValues	RowKey	True

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

---

load

## Used By

---


[import].[spPOST\_fValues]

[import].[spPOST\_fValuesPDTV]

 **[load].[trRights]**
**MS\_Description**

Table to store rights.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	RowKey <i>Technical Primary Key for row identity.</i>	int	4	NOT NULL	1 - 1
	UserName <i>User name.</i>	nvarchar(255)	510	NOT NULL	
	FactoryID <i>Business key for the factory.</i>	nvarchar(255)	510	NOT NULL	
	ProductLineID <i>Business key for the productline.</i>	nvarchar(255)	510	NOT NULL	
	ProductID <i>Business key for the product.</i>	nvarchar(255)	510	NOT NULL	
	Right <i>Right.</i>	nvarchar(255)	510	NOT NULL	
	ReadCommentMandatory <i>Number indicating whether the read comment is mandatory.</i>	int	4	NOT NULL	
	WriteCommentMandatory <i>Number indicating whether the write comment is mandatory.</i>	int	4	NOT NULL	
	Source <i>The source of the right.</i>	nvarchar(255)	510	NOT NULL	
	SourceTimeStamp <i>The timestamp of the source.</i>	datetime	8	NOT NULL	

**Indexes**

Key	Name	Key Columns	Unique
	PK_load_trRights	RowKey	True

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

---

load

## Used By


---

[import].[spPOST\_rRights]

 **[load].[trUser]**
**MS\_Description**

Table to store user of OCT.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	RowKey <i>Technical primary Key for row identity.</i>	int	4	NOT NULL	1 - 1
	UserName <i>User name.</i>	nvarchar(255)	510	NOT NULL	
	PersonSurname <i>The surname of the person.</i>	nvarchar(255)	510	NOT NULL	
	PersonFirstName <i>The first name of the person.</i>	nvarchar(255)	510	NOT NULL	
	Email <i>Email.</i>	nvarchar(255)	510	NOT NULL	
	LDAPIP <i>LDAPIP.</i>	nvarchar(255)	510	NOT NULL	
	Status <i>The status of the user.</i>	nvarchar(255)	510	NOT NULL	
	Source <i>The source of the user.</i>	nvarchar(255)	510	NOT NULL	
	SourceTimeStamp <i>The timestamp of the source.</i>	datetime	8	NOT NULL	

**Indexes**

Key	Name	Key Columns	Unique
	PK_load_trUser	RowKey	True

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

**Uses**

load

## Used By


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[import].[spPOST\_rUser]

 **[planning].[tdFactories]**
**MS\_Description**

Table for Dimension Factories.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	FactoryKey <i>Primary Key for factory.</i>	int	4	NOT NULL	1 - 1
	FactoryID <i>Factory ID.</i>	nvarchar(255)	510	NOT NULL	
	NameShort <i>The short name of the factory.</i>	nvarchar(255)	510	NOT NULL	
	NameLong <i>The long name of the factory.</i>	nvarchar(255)	510	NOT NULL	
	CommentUser <i>The user comment.</i>	nvarchar(max)	max	NOT NULL	
	CommentDev <i>The development comment.</i>	nvarchar(max)	max	NOT NULL	
	ResponsiblePerson <i>The person responsible.</i>	nvarchar(255)	510	NOT NULL	
	ImageName <i>The name of the image.</i>	nvarchar(255)	510	NOT NULL	

**Indexes**

Key	Name	Key Columns	Unique
	PK_dFactories_FactoryKey	FactoryKey	True

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

**Uses**

planning

**Used By**

[dbo].[sx\_pf\_COPY\_Factory]  
 [dbo].[sx\_pf\_COPY\_Product]  
 [dbo].[sx\_pf\_COPY\_ProductLine]


[dbo].[sx\_pf\_COPY\_ValueSerie]  
[dbo].[sx\_pf\_DATAOUTPUT\_Balance]  
[dbo].[sx\_pf\_DATAOUTPUT\_CashValues]  
[dbo].[sx\_pf\_DATAOUTPUT\_FactorySummary]  
[dbo].[sx\_pf\_DATAOUTPUT\_TextValues]  
[dbo].[sx\_pf\_DELETE\_Factory]  
[dbo].[sx\_pf\_DELETE\_FactoryProperty]  
[dbo].[sx\_pf\_DELETE\_Preference]  
[dbo].[sx\_pf\_DELETE\_Product]  
[dbo].[sx\_pf\_DELETE\_ProductLine]  
[dbo].[sx\_pf\_DELETE\_ProductLineProperty]  
[dbo].[sx\_pf\_DELETE\_ProductProperty]  
[dbo].[sx\_pf\_DELETE\_TimelD]  
[dbo].[sx\_pf\_DELETE\_Value]  
[dbo].[sx\_pf\_DELETE\_Values]  
[dbo].[sx\_pf\_DELETE\_ValueSerie]  
[dbo].[sx\_pf\_EXPORT\_Factory]  
[dbo].[sx\_pf\_GET\_AllProductListValues]  
[dbo].[sx\_pf\_GET\_Factories]  
[dbo].[sx\_pf\_GET\_Factory]  
[dbo].[sx\_pf\_GET\_FactoryProperties]  
[dbo].[sx\_pf\_GET\_FactoryProperty]  
[dbo].[sx\_pf\_GET\_GlobalSearch]  
[dbo].[sx\_pf\_GET\_HTMLPage]  
[dbo].[sx\_pf\_GET\_HTMLPages]  
[dbo].[sx\_pf\_GET\_Info\_CustomFailureReport]  
[dbo].[sx\_pf\_GET\_Info\_Monitoring]  
[dbo].[sx\_pf\_GET\_Info\_NextFreeFactoryID]  
[dbo].[sx\_pf\_GET\_Info\_NextFreeProductID]  
[dbo].[sx\_pf\_GET\_Info\_NextFreeProductLineID]  
[dbo].[sx\_pf\_GET\_Info\_SystemFailureReport]  
[dbo].[sx\_pf\_GET\_Info\_UserRights]  
[dbo].[sx\_pf\_GET\_Preference]  
[dbo].[sx\_pf\_GET\_Product]  
[dbo].[sx\_pf\_GET\_ProductDataTableValues]  
[dbo].[sx\_pf\_GET\_ProductLine]  
[dbo].[sx\_pf\_GET\_ProductLineProperties]  
[dbo].[sx\_pf\_GET\_ProductLineProperty]  
[dbo].[sx\_pf\_GET\_ProductLines]  
[dbo].[sx\_pf\_GET\_ProductProperties]  
[dbo].[sx\_pf\_GET\_ProductProperty]  
[dbo].[sx\_pf\_GET\_Products]  
[dbo].[sx\_pf\_GET\_Statements]  
[dbo].[sx\_pf\_GET\_TimelDs]  
[dbo].[sx\_pf\_GET\_Value]  
[dbo].[sx\_pf\_GET\_Values]  
[dbo].[sx\_pf\_GET\_ValueSerie]  
[dbo].[sx\_pf\_GET\_ValueSeries]  
[dbo].[sx\_pf\_MOVE\_Factory]  
[dbo].[sx\_pf\_MOVE\_Product]  
[dbo].[sx\_pf\_MOVE\_ProductLine]  
[dbo].[sx\_pf\_MOVE\_ValueSerie]  
[dbo].[sx\_pf\_pGET\_FactoryReadRight]  
[dbo].[sx\_pf\_pGET\_FactoryWriteRight]  
[dbo].[sx\_pf\_POST\_Factory]  
[dbo].[sx\_pf\_POST\_FactoryProperty]

[dbo].[sx\_pf\_POST\_HTMLPage]  
[dbo].[sx\_pf\_POST\_Preference]  
[dbo].[sx\_pf\_POST\_Product]  
[dbo].[sx\_pf\_POST\_ProductDataTableValues]  
[dbo].[sx\_pf\_POST\_ProductEmpty]  
[dbo].[sx\_pf\_POST\_ProductLine]  
[dbo].[sx\_pf\_POST\_ProductLineProperty]  
[dbo].[sx\_pf\_POST\_ProductProperty]  
[dbo].[sx\_pf\_POST\_Statement]  
[dbo].[sx\_pf\_POST\_Template]  
[dbo].[sx\_pf\_POST\_Template\_All]  
[dbo].[sx\_pf\_POST\_TimeID]  
[dbo].[sx\_pf\_POST\_Timeline]  
[dbo].[sx\_pf\_POST\_Value]  
[dbo].[sx\_pf\_POST\_ValueSerie]  
[planning].[spCOPY\_Tab]  
[planning].[spDELETE\_Tab]  
[planning].[spGET\_File]  
[planning].[spGET\_Index\_JSON]  
[planning].[spGET\_Tabs]  
[planning].[spGET\_Tree]  
[planning].[spGET\_Values\_JSON]  
[planning].[spMOVE\_Tab]  
[planning].[spPOST\_File]  
[planning].[spPOST\_Tab]  
[result].[spDataEntryNumericValues]  
[result].[spDataEntryProfit]  
[result].[spEvents]  
[system].[pGET\_LicenceInformation]  
[system].[spGET\_UserRight]  
[system].[spMaterialize\_trUserRights]  
[system].[spPOST\_Right]

 **[planning].[tdProductLines]**
**MS\_Description**

Table for Dimension ProductLines.


**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	ProductLineKey <i>Primary Key for productline.</i>	int	4	NOT NULL	1 - 1
	FactoryKey <i>Factory key.</i>	int	4	NOT NULL	
	ProductLineID <i>ProductLine ID.</i>	nvarchar(255)	510	NOT NULL	
	FactoryID <i>Factory ID.</i>	nvarchar(255)	510	NOT NULL	
	NameShort <i>The short name of the productline.</i>	nvarchar(255)	510	NOT NULL	
	NameLong <i>The long name of the productline.</i>	nvarchar(255)	510	NOT NULL	
	CommentUser <i>The user comment.</i>	nvarchar(max)	max	NOT NULL	
	CommentDev <i>The development comment.</i>	nvarchar(max)	max	NOT NULL	
	ResponsiblePerson <i>The responsible person.</i>	nvarchar(255)	510	NOT NULL	
	ImageName <i>The image name.</i>	nvarchar(255)	510	NOT NULL	
	DefaultTemplate <i>The default template.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource1 <i>The source of the 1. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias1 <i>The alias of the 1. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource2 <i>The source of the 2. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias2 <i>The alias of the 2. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource3 <i>The source of the 3. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias3 <i>The alias of the 3. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource4 <i>The source of the 4. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias4 <i>The alias of the 4. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource5 <i>The source of the 5. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias5	nvarchar(255)	510	NOT NULL	

	<i>The alias of the 5. global attribute.</i>				
GlobalAttributeSource6	<i>The source of the 6. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias6	<i>The alias of the 6. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource7	<i>The source of the 7. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias7	<i>The alias of the 7. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource8	<i>The source of the 8. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias8	<i>The alias of the 8. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource9	<i>The source of the 9. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias9	<i>The alias of the 9. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource10	<i>The source of the 10. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias10	<i>The alias of the 10. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource11	<i>The source of the 11. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias11	<i>The alias of the 11. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource12	<i>The source of the 12. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias12	<i>The alias of the 12. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource13	<i>The source of the 13. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias13	<i>The alias of the 13. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource14	<i>The source of the 14. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias14	<i>The alias of the 14. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource15	<i>The source of the 15. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias15	<i>The alias of the 15. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource16	<i>The source of the 16. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias16	<i>The alias of the 16. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource17	<i>The source of the 17. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias17	<i>The alias of the 17. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource18	<i>The source of the 18. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeAlias18	<i>The alias of the 18. global attribute.</i>	nvarchar(255)	510	NOT NULL	
GlobalAttributeSource19		nvarchar(255)	510	NOT NULL	

	<i>The source of the 19. global attribute.</i>				
	GlobalAttributeAlias19 <i>The alias of the 19. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource20 <i>The source of the 20. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias20 <i>The alias of the 20. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource21 <i>The source of the 21. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias21 <i>The alias of the 21. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource22 <i>The source of the 22. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias22 <i>The alias of the 22. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource23 <i>The source of the 23. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias23 <i>The alias of the 23. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource24 <i>The source of the 24. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias24 <i>The alias of the 24. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeSource25 <i>The source of the 25. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttributeAlias25 <i>The alias of the 25. global attribute.</i>	nvarchar(255)	510	NOT NULL	

## Indexes

Key	Name	Key Columns	Unique
	PK_dProductLines	ProductLineKey	True

## Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

planning

## Used By

[control].[spSystemFailureReport]  
 [dbo].[sx\_pf\_COPY\_Factory]  
 [dbo].[sx\_pf\_COPY\_Product]  
 [dbo].[sx\_pf\_COPY\_ProductLine]  
 [dbo].[sx\_pf\_COPY\_ValueSerie]

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[dbo].[sx\_pf\_DATAOUTPUT\_Balance]  
[dbo].[sx\_pf\_DATAOUTPUT\_CashValues]  
[dbo].[sx\_pf\_DATAOUTPUT\_FactorySummary]  
[dbo].[sx\_pf\_DATAOUTPUT\_TextValues]  
[dbo].[sx\_pf\_DELETE\_Factory]  
[dbo].[sx\_pf\_DELETE\_Preference]  
[dbo].[sx\_pf\_DELETE\_Product]  
[dbo].[sx\_pf\_DELETE\_ProductLine]  
[dbo].[sx\_pf\_DELETE\_ProductLineProperty]  
[dbo].[sx\_pf\_DELETE\_ProductProperty]  
[dbo].[sx\_pf\_DELETE\_TimeID]  
[dbo].[sx\_pf\_DELETE\_Value]  
[dbo].[sx\_pf\_DELETE\_Values]  
[dbo].[sx\_pf\_DELETE\_ValueSerie]  
[dbo].[sx\_pf\_EXPORT\_Factory]  
[dbo].[sx\_pf\_EXPORT\_Product]  
[dbo].[sx\_pf\_EXPORT\_ProductLine]  
[dbo].[sx\_pf\_GET\_AllProductListValues]  
[dbo].[sx\_pf\_GET\_FlexList]  
[dbo].[sx\_pf\_GET\_GlobalSearch]  
[dbo].[sx\_pf\_GET\_HTMLPage]  
[dbo].[sx\_pf\_GET\_HTMLPages]  
[dbo].[sx\_pf\_GET\_Info\_AllGlobalAttributeUsage]  
[dbo].[sx\_pf\_GET\_Info\_CustomFailureReport]  
[dbo].[sx\_pf\_GET\_Info\_GlobalAttributeUsage]  
[dbo].[sx\_pf\_GET\_Info\_Monitoring]  
[dbo].[sx\_pf\_GET\_Info\_NextFreeProductID]  
[dbo].[sx\_pf\_GET\_Info\_NextFreeProductLineID]  
[dbo].[sx\_pf\_GET\_Info\_SystemFailureReport]  
[dbo].[sx\_pf\_GET\_Info\_UserRights]  
[dbo].[sx\_pf\_GET\_Preference]  
[dbo].[sx\_pf\_GET\_Product]  
[dbo].[sx\_pf\_GET\_ProductDataTableValues]  
[dbo].[sx\_pf\_GET\_ProductLine]  
[dbo].[sx\_pf\_GET\_ProductLineProperties]  
[dbo].[sx\_pf\_GET\_ProductLineProperty]  
[dbo].[sx\_pf\_GET\_ProductLines]  
[dbo].[sx\_pf\_GET\_ProductProperties]  
[dbo].[sx\_pf\_GET\_ProductProperty]  
[dbo].[sx\_pf\_GET\_Products]  
[dbo].[sx\_pf\_GET\_Statements]  
[dbo].[sx\_pf\_GET\_TimeIDs]  
[dbo].[sx\_pf\_GET\_Value]  
[dbo].[sx\_pf\_GET\_Values]  
[dbo].[sx\_pf\_GET\_ValueSerie]  
[dbo].[sx\_pf\_GET\_ValueSeries]  
[dbo].[sx\_pf\_MOVE\_Factory]  
[dbo].[sx\_pf\_MOVE\_List]  
[dbo].[sx\_pf\_MOVE\_Product]  
[dbo].[sx\_pf\_MOVE\_ProductLine]  
[dbo].[sx\_pf\_MOVE\_ValueSerie]  
[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_POST\_HTMLPage]  
[dbo].[sx\_pf\_POST\_Preference]  
[dbo].[sx\_pf\_POST\_Product]

[dbo].[sx\_pf\_POST\_ProductDataTableValues]  
[dbo].[sx\_pf\_POST\_ProductEmpty]  
[dbo].[sx\_pf\_POST\_ProductLine]  
[dbo].[sx\_pf\_POST\_ProductLineProperty]  
[dbo].[sx\_pf\_POST\_ProductProperty]  
[dbo].[sx\_pf\_POST\_Statement]  
[dbo].[sx\_pf\_POST\_Template]  
[dbo].[sx\_pf\_POST\_Template\_All]  
[dbo].[sx\_pf\_POST\_TimeID]  
[dbo].[sx\_pf\_POST\_Timeline]  
[dbo].[sx\_pf\_POST\_Value]  
[dbo].[sx\_pf\_POST\_ValueSerie]  
[planning].[spCOPY\_Tab]  
[planning].[spDELETE\_Tab]  
[planning].[spGET\_File]  
[planning].[spGET\_Index\_JSON]  
[planning].[spGET\_Tabs]  
[planning].[spGET\_Tree]  
[planning].[spGET\_Values\_JSON]  
[planning].[spMOVE\_Tab]  
[planning].[spPOST\_File]  
[planning].[spPOST\_Tab]  
[result].[spDataEntryNumericValues]  
[result].[spDataEntryProfit]  
[result].[spEvents]  
[system].[pGET\_LicenceInformation]  
[system].[spGET\_UserRight]  
[system].[spMaterialize\_trUserRights]  
[system].[spPOST\_Right]

 **[planning].[tdProducts]**
**MS\_Description**

Table for Dimension Product.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	ProductKey <i>Primary Key for product.</i>	int	4	NOT NULL	1 - 1
	ProductLineKey <i>ProductLine key.</i>	int	4	NOT NULL	
	FactoryKey <i>Factory key.</i>	int	4	NOT NULL	
	ProductID <i>Product ID.</i>	nvarchar(255)	510	NOT NULL	
	ProductLineID <i>ProductLine ID.</i>	nvarchar(255)	510	NOT NULL	
	FactoryID <i>Factory ID.</i>	nvarchar(255)	510	NOT NULL	
	TimeType <i>Time type.</i>	nvarchar(255)	510	NOT NULL	
	NameShort <i>The short name of the product.</i>	nvarchar(255)	510	NOT NULL	
	NameLong <i>The long name of the product.</i>	nvarchar(255)	510	NOT NULL	
	CommentUser <i>The user comment.</i>	nvarchar(max)	max	NOT NULL	
	CommentDev <i>The development comment.</i>	nvarchar(max)	max	NOT NULL	
	ResponsiblePerson <i>The responsible person.</i>	nvarchar(255)	510	NOT NULL	
	ImageName <i>The image name.</i>	nvarchar(255)	510	NOT NULL	
	Status <i>The status of the product.</i>	nvarchar(255)	510	NOT NULL	
	Template <i>The template.</i>	nvarchar(255)	510	NOT NULL	
	TemplateVersion <i>The version of the template.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute1 <i>The 1. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute2 <i>The 2. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute3 <i>The 3. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute4 <i>The 4. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute5 <i>The 5. global attribute.</i>	nvarchar(255)	510	NOT NULL	

	GlobalAttribute6 <i>The 6. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute7 <i>The 7. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute8 <i>The 8. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute9 <i>The 9. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute10 <i>The 10. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute11 <i>The 11. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute12 <i>The 12. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute13 <i>The 13. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute14 <i>The 14. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute15 <i>The 15. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute16 <i>The 16. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute17 <i>The 17. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute18 <i>The 18. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute19 <i>The 19. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute20 <i>The 20. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute21 <i>The 21. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute22 <i>The 22. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute23 <i>The 23. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute24 <i>The 24. global attribute.</i>	nvarchar(255)	510	NOT NULL	
	GlobalAttribute25 <i>The 25. global attribute.</i>	nvarchar(255)	510	NOT NULL	

## Indexes

Key	Name	Key Columns	Unique
	PK_dProducts	ProductKey	True

## Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core

SX_ShipmentFlag	1
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## Uses

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planning

## Used By

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[control].[spParamTables]  
 [dbo].[sx\_pf\_COPY\_Factory]  
 [dbo].[sx\_pf\_COPY\_Product]  
 [dbo].[sx\_pf\_COPY\_ProductLine]  
 [dbo].[sx\_pf\_COPY\_ValueSerie]  
 [dbo].[sx\_pf\_DATAOUTPUT\_Balance]  
 [dbo].[sx\_pf\_DATAOUTPUT\_CashValues]  
 [dbo].[sx\_pf\_DATAOUTPUT\_FactorySummary]  
 [dbo].[sx\_pf\_DATAOUTPUT\_TextValues]  
 [dbo].[sx\_pf\_DELETE\_Factory]  
 [dbo].[sx\_pf\_DELETE\_Product]  
 [dbo].[sx\_pf\_DELETE\_ProductDataTableValues]  
 [dbo].[sx\_pf\_DELETE\_ProductLine]  
 [dbo].[sx\_pf\_DELETE\_ProductProperty]  
 [dbo].[sx\_pf\_DELETE\_TimeID]  
 [dbo].[sx\_pf\_DELETE\_Value]  
 [dbo].[sx\_pf\_DELETE\_Values]  
 [dbo].[sx\_pf\_DELETE\_ValueSerie]  
 [dbo].[sx\_pf\_EXPORT\_Factory]  
 [dbo].[sx\_pf\_EXPORT\_Product]  
 [dbo].[sx\_pf\_EXPORT\_ProductLine]  
 [dbo].[sx\_pf\_GET\_AllProductListValues]  
 [dbo].[sx\_pf\_GET\_ClusterValidation]  
 [dbo].[sx\_pf\_GET\_FlexDrill]  
 [dbo].[sx\_pf\_GET\_FlexList]  
 [dbo].[sx\_pf\_GET\_GlobalSearch]  
 [dbo].[sx\_pf\_GET\_HTMLPage]  
 [dbo].[sx\_pf\_GET\_HTMLPages]  
 [dbo].[sx\_pf\_GET\_Info\_CustomFailureReport]  
 [dbo].[sx\_pf\_GET\_Info\_Monitoring]  
 [dbo].[sx\_pf\_GET\_Info\_NextFreeProductID]  
 [dbo].[sx\_pf\_GET\_Info\_SystemFailureReport]  
 [dbo].[sx\_pf\_GET\_Product]  
 [dbo].[sx\_pf\_GET\_ProductDataTableValues]  
 [dbo].[sx\_pf\_GET\_ProductProperties]  
 [dbo].[sx\_pf\_GET\_ProductProperty]  
 [dbo].[sx\_pf\_GET\_ProductRanges]  
 [dbo].[sx\_pf\_GET\_Products]  
 [dbo].[sx\_pf\_GET\_Statements]  
 [dbo].[sx\_pf\_GET\_TimeIDs]  
 [dbo].[sx\_pf\_GET\_Value]  
 [dbo].[sx\_pf\_GET\_Values]  
 [dbo].[sx\_pf\_GET\_ValueSerie]  
 [dbo].[sx\_pf\_GET\_ValueSeries]  
 [dbo].[sx\_pf\_MOVE\_Factory]  
 [dbo].[sx\_pf\_MOVE\_Product]  
 [dbo].[sx\_pf\_MOVE\_ProductLine]



[dbo].[sx\_pf\_MOVE\_ValueSerie]  
[dbo].[sx\_pf\_POST\_HTMLPage]  
[dbo].[sx\_pf\_POST\_Product]  
[dbo].[sx\_pf\_POST\_ProductDataTableValues]  
[dbo].[sx\_pf\_POST\_ProductEmpty]  
[dbo].[sx\_pf\_POST\_ProductProperty]  
[dbo].[sx\_pf\_POST\_Statement]  
[dbo].[sx\_pf\_POST\_Template]  
[dbo].[sx\_pf\_POST\_Template\_All]  
[dbo].[sx\_pf\_POST\_TimeID]  
[dbo].[sx\_pf\_POST\_Timeline]  
[dbo].[sx\_pf\_POST\_Value]  
[dbo].[sx\_pf\_POST\_ValueSerie]  
[planning].[spCOPY\_Tab]  
[planning].[spDELETE\_Tab]  
[planning].[spGET\_File]  
[planning].[spGET\_Index\_JSON]  
[planning].[spGET\_Products\_JSON]  
[planning].[spGET\_Tabs]  
[planning].[spGET\_Tree]  
[planning].[spGET\_Values\_JSON]  
[planning].[spMOVE\_Tab]  
[planning].[spPOST\_File]  
[planning].[spPOST\_Products\_JSON]  
[planning].[spPOST\_Tab]  
[result].[spDataEntryNumericValues]  
[result].[spDataEntryProfit]  
[result].[spEvents]  
[system].[pGET\_LicenceInformation]

## [planning].[tdTime]

### MS\_Description

Table to store the timeline definition per Product.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	<b>TimeKey</b> <i>Technical Primary Key.</i>	int	4	NOT NULL	1 - 1
	<b>ProductKey</b> <i>Foreign technical Key to table planning.td-Products.</i>	int	4	NOT NULL	
	<b>ProductLineKey</b> <i>Foreign technical Key to table planning.td-ProductLines.</i>	int	4	NOT NULL	
	<b>FactoryKey</b> <i>Foreign technical Key to table planning.td-Factories.</i>	int	4	NOT NULL	
	<b>ProductID</b> <i>Composite business Key (together with ProductLineID, FactoryID) to table planning.tdProducts.</i>	nvarchar(255)	510	NOT NULL	
	<b>ProductLineID</b> <i>Composite business Key (together with FactoryID) to table planning.tdProductLines.</i>	nvarchar(255)	510	NOT NULL	
	<b>FactoryID</b> <i>Foreign business Key to table planning.td-Factories.</i>	nvarchar(255)	510	NOT NULL	
	<b>TimeID</b> <i>Primary Business Key, used for time allocation of the value.</i>	bigint	8	NOT NULL	
	<b>FormatID</b> <i>Foreign Key to table planning.thFormats, to enable format definition for a TimeID.</i>	nvarchar(255)	510	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_dTime_TimeKey	TimeKey	True
	IX_dTime_PKey	ProductKey	

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core

SX_ShipmentFlag	1
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## Uses

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planning

## Used By



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[dbo].[sx\_pf\_COPY\_Factory]  
 [dbo].[sx\_pf\_COPY\_Product]  
 [dbo].[sx\_pf\_COPY\_ProductLine]  
 [dbo].[sx\_pf\_DELETE\_Factory]  
 [dbo].[sx\_pf\_DELETE\_Product]  
 [dbo].[sx\_pf\_DELETE\_ProductLine]  
 [dbo].[sx\_pf\_DELETE\_TimeID]  
 [dbo].[sx\_pf\_EXPORT\_Factory]  
 [dbo].[sx\_pf\_EXPORT\_Product]  
 [dbo].[sx\_pf\_EXPORT\_ProductLine]  
 [dbo].[sx\_pf\_GET\_TimeIDs]  
 [dbo].[sx\_pf\_MOVE\_Factory]  
 [dbo].[sx\_pf\_MOVE\_Format]  
 [dbo].[sx\_pf\_MOVE\_Product]  
 [dbo].[sx\_pf\_MOVE\_ProductLine]  
 [dbo].[sx\_pf\_POST\_Product]  
 [dbo].[sx\_pf\_POST\_ProductDataTableValues]  
 [dbo].[sx\_pf\_POST\_Template\_All]  
 [dbo].[sx\_pf\_POST\_TimeID]  
 [dbo].[sx\_pf\_POST\_Timeline]  
 [dbo].[sx\_pf\_POST\_Value]  
 [planning].[spPOST\_Values\_JSON]

 **[planning].[tdValueSeries]**
**MS\_Description**

Table to store the valueseries.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	ValueSeriesKey <i>Primary Key for valueseries.</i>	int	4	NOT NULL	1 - 1
	ProductKey <i>Product key.</i>	int	4	NOT NULL	
	ProductLineKey <i>ProductLine key.</i>	int	4	NOT NULL	
	FactoryKey <i>Factory key.</i>	int	4	NOT NULL	
	ProductID <i>Product ID.</i>	nvarchar(255)	510	NOT NULL	
	ProductLineID <i>ProductLine ID.</i>	nvarchar(255)	510	NOT NULL	
	FactoryID <i>Factory ID.</i>	nvarchar(255)	510	NOT NULL	
	ValueSeriesID <i>Valueseries ID.</i>	nvarchar(255)	510	NOT NULL	
	ValueSeriesNo <i>Valueseries Number.</i>	int	4	NOT NULL	
	NameShort <i>The short name of the valueseries.</i>	nvarchar(255)	510	NOT NULL	
	NameLong <i>The long name of the valueseries.</i>	nvarchar(255)	510	NOT NULL	
	CommentUser <i>The user comment.</i>	nvarchar(max)	max	NOT NULL	
	CommentDev <i>The development comment.</i>	nvarchar(max)	max	NOT NULL	
	ImageName <i>The image name.</i>	nvarchar(255)	510	NOT NULL	
	IsNumeric <i>Number to indicate whether valueseries is numeric.</i>	int	4	NOT NULL	
	VisibilityLevel <i>Number to indicate whether valueseries is visible.</i>	int	4	NOT NULL	
	ValueSource <i>The source of the valueseries.</i>	nvarchar(255)	510	NOT NULL	
	ValueListID <i>Valuelist ID.</i>	nvarchar(255)	510	NOT NULL	
	ValueFormatID <i>Valueformat ID.</i>	nvarchar(255)	510	NOT NULL	
	Unit	nvarchar(255)	510	NOT NULL	

	<i>Unit.</i>				
	Scale <i>The scale the valueseries is set to.</i>	int	4	NOT NULL	
	Effect <i>The effect of the valueseries.</i>	nvarchar(255)	510	NOT NULL	
	EffectParameter <i>The effect parameter of the valueseries.</i>	nvarchar(255)	510	NOT NULL	

## Indexes

Key	Name	Key Columns	Unique
	PK_dValueSeries	ValueSeriesKey	True
	IX_dValueSeries_ProductKey	ProductKey	

## Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

planning

## Used By

[control].[spParamTables]  
 [control].[spSystemFailureReport]  
 [dbo].[sx\_pf\_COPY\_Factory]  
 [dbo].[sx\_pf\_COPY\_Product]  
 [dbo].[sx\_pf\_COPY\_ProductLine]  
 [dbo].[sx\_pf\_COPY\_ValueSerie]  
 [dbo].[sx\_pf\_DATAOUTPUT\_Balance]  
 [dbo].[sx\_pf\_DATAOUTPUT\_CashValues]  
 [dbo].[sx\_pf\_DATAOUTPUT\_FactorySummary]  
 [dbo].[sx\_pf\_DATAOUTPUT\_TextValues]  
 [dbo].[sx\_pf\_DELETE\_Factory]  
 [dbo].[sx\_pf\_DELETE\_Product]  
 [dbo].[sx\_pf\_DELETE\_ProductDataTableValues]  
 [dbo].[sx\_pf\_DELETE\_ProductLine]  
 [dbo].[sx\_pf\_DELETE\_Value]  
 [dbo].[sx\_pf\_DELETE\_Values]  
 [dbo].[sx\_pf\_DELETE\_ValueSerie]  
 [dbo].[sx\_pf\_EXPORT\_Factory]  
 [dbo].[sx\_pf\_EXPORT\_Product]  
 [dbo].[sx\_pf\_EXPORT\_ProductLine]  
 [dbo].[sx\_pf\_GET\_AllProductListValues]  
 [dbo].[sx\_pf\_GET\_ClusterValidation]  
 [dbo].[sx\_pf\_GET\_GlobalSearch]  
 [dbo].[sx\_pf\_GET\_ProductDataTableValues]

[dbo].[sx\_pf\_GET\_Value]  
[dbo].[sx\_pf\_GET\_Values]  
[dbo].[sx\_pf\_GET\_ValueSerie]  
[dbo].[sx\_pf\_GET\_ValueSeries]  
[dbo].[sx\_pf\_MOVE\_Factory]  
[dbo].[sx\_pf\_MOVE\_Format]  
[dbo].[sx\_pf\_MOVE\_List]  
[dbo].[sx\_pf\_MOVE\_Product]  
[dbo].[sx\_pf\_MOVE\_ProductLine]  
[dbo].[sx\_pf\_MOVE\_ValueSerie]  
[dbo].[sx\_pf\_POST\_Product]  
[dbo].[sx\_pf\_POST\_ProductDataTableValues]  
[dbo].[sx\_pf\_POST\_Template]  
[dbo].[sx\_pf\_POST\_Template\_All]  
[dbo].[sx\_pf\_POST\_Value]  
[dbo].[sx\_pf\_POST\_ValueSerie]  
[planning].[spGET\_Index\_JSON]  
[planning].[spGET\_Values\_JSON]  
[planning].[spPOST\_Values\_JSON]  
[result].[spDataEntryNumericValues]  
[result].[spDataEntryProfit]

 **[planning].[tFiles]**
**MS\_Description**

Table to store files.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	FileKey <i>Technical primary Key for row identity.</i>	bigint	8	NOT NULL	1 - 1
	FactoryKey <i>Technical Key for the Factory.</i>	int	4	NOT NULL	
	ProductLineKey <i>Technical Key for the ProductLine.</i>	int	4	NOT NULL	
	ProductKey <i>Technical Key for the Product.</i>	int	4	NOT NULL	
	FactoryID <i>Business ID for the Factory.</i>	nvarchar(50)	100	NOT NULL	
	ProductLineID <i>Business ID for the ProductLine.</i>	nvarchar(50)	100	NOT NULL	
	ProductID <i>Business ID for the Product.</i>	nvarchar(50)	100	NOT NULL	
	FileID <i>Business ID for the File.</i>	nvarchar(50)	100	NOT NULL	
	FileName <i>Name of the File without extension.</i>	nvarchar(255)	510	NOT NULL	
	FileExtension <i>Separated File extension for better handling.</i>	nvarchar(50)	100	NULL allowed	
	FileBody <i>File Body as binary data.</i>	varbinary(max)	max	NULL allowed	
	UploadedBy <i>Name of the user which uploaded this file.</i>	nvarchar(255)	510	NOT NULL	
	UploadedAt <i>Datetime of upload of this file.</i>	datetime	8	NOT NULL	
	Filepath <i>Virtual path of this file.</i>	nvarchar(4000)	8000	NOT NULL	

**Indexes**

Key	Name	Key Columns	Unique
	pk_tFiles	FileKey	True

**Extended Properties**

Name	Value
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SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

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planning

## Used By

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[dbo].[sx\_pf\_COPY\_Factory]  
[dbo].[sx\_pf\_COPY\_Product]  
[dbo].[sx\_pf\_COPY\_ProductLine]  
[dbo].[sx\_pf\_DELETE\_Factory]  
[dbo].[sx\_pf\_DELETE\_Product]  
[dbo].[sx\_pf\_DELETE\_ProductLine]  
[dbo].[sx\_pf\_GET\_GlobalSearch]  
[dbo].[sx\_pf\_GET\_Products]  
[dbo].[sx\_pf\_MOVE\_Factory]  
[dbo].[sx\_pf\_MOVE\_Product]  
[dbo].[sx\_pf\_MOVE\_ProductLine]  
[planning].[spDELETE\_File]  
[planning].[spGET\_File]  
[planning].[spGET\_FileList]  
[planning].[spPOST\_File]  
[planning].[spPOST\_FileFromPath]  
[system].[spGET\_DBInfo]

## [planning].[tfStatements]

### MS\_Description

Table to store statements.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	StatementKey <i>Primary Key for the statement.</i>	int	4	NOT NULL	1 - 1
	ProductKey <i>Product key.</i>	int	4	NOT NULL	
	ProductLineKey <i>ProductLine key.</i>	int	4	NOT NULL	
	FactoryKey <i>Factory key.</i>	int	4	NOT NULL	
	ProductID <i>Product ID.</i>	nvarchar(255)	510	NOT NULL	
	ProductLineID <i>ProductLine ID.</i>	nvarchar(255)	510	NOT NULL	
	FactoryID <i>Factory ID.</i>	nvarchar(255)	510	NOT NULL	
	ActionType <i>Action type.</i>	nvarchar(255)	510	NOT NULL	
	Statement <i>The content of the statement.</i>	nvarchar(max)	max	NOT NULL	
	UserName <i>User name.</i>	nvarchar(255)	510	NOT NULL	
	PCName <i>Processor Code name.</i>	nvarchar(255)	510	NOT NULL	
	ProcessorCode <i>Processor Code.</i>	nvarchar(255)	510	NOT NULL	
	IPAddresses <i>IP adresses.</i>	nvarchar(255)	510	NOT NULL	
	Timestamp <i>The timestamp of the statement.</i>	bigint	8	NOT NULL	
	IsDeleted <i>Number to indicate whether the statement is deleted.</i>	int	4	NOT NULL	
	IsResolved <i>Number to indicate whether the statement is resolved.</i>	int	4	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_fStatements	StatementKey	True

IX_fStatements_ProductKey	ProductKey
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### Extended Properties

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Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

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planning

### Used By













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[dbo].[sx\_pf\_COPY\_Factory]  
[dbo].[sx\_pf\_COPY\_Product]  
[dbo].[sx\_pf\_COPY\_ProductLine]  
[dbo].[sx\_pf\_COPY\_ValueSerie]  
[dbo].[sx\_pf\_DELETE\_Factory]  
[dbo].[sx\_pf\_DELETE\_Product]  
[dbo].[sx\_pf\_DELETE\_ProductLine]  
[dbo].[sx\_pf\_GET\_Statements]  
[dbo].[sx\_pf\_MOVE\_Factory]  
[dbo].[sx\_pf\_MOVE\_Product]  
[dbo].[sx\_pf\_MOVE\_ProductLine]  
[dbo].[sx\_pf\_MOVE\_ValueSerie]  
[dbo].[sx\_pf\_POST\_Product]  
[dbo].[sx\_pf\_POST\_ProductEmpty]  
[dbo].[sx\_pf\_POST\_Statement]  
[dbo].[sx\_pf\_POST\_Template\_All]


 **[planning].[tfValues]**
**MS\_Description**

Table to store all OCT Values.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	ValueKey <i>Primary Key for value.</i>	bigint	8	NOT NULL	1 - 1
	ValueSeriesKey <i>Valueseries key.</i>	int	4	NOT NULL	
	ProductKey <i>Product key.</i>	int	4	NOT NULL	
	ProductLineKey <i>ProductLine key.</i>	int	4	NOT NULL	
	FactoryKey <i>Factory key.</i>	int	4	NOT NULL	
	ProductID <i>Product ID.</i>	nvarchar(255)	510	NOT NULL	
	ProductLineID <i>ProductLine ID.</i>	nvarchar(255)	510	NOT NULL	
	FactoryID <i>Factory ID.</i>	nvarchar(255)	510	NOT NULL	
	ValueSeriesID <i>Valueseries ID.</i>	nvarchar(255)	510	NOT NULL	
	TimeID <i>Time ID.</i>	int	4	NOT NULL	
	ValueFormula <i>The value of the formula.</i>	nvarchar(max)	max	NOT NULL	
	ValueInt <i>The value of the integer.</i>	bigint	8	NOT NULL	
	ValueText <i>The value of the text.</i>	nvarchar(max)	max	NOT NULL	
	ValueComment <i>The value of the comment.</i>	nvarchar(max)	max	NOT NULL	

**Indexes**

Key	Name	Key Columns	Included Columns	Unique
	PK_fValues_ValueKey	ValueKey		True
	IX_fValues_ProductKey	ProductKey	ValueSeriesKey, ProductID, ProductLineID, FactoryID, ValueSeriesID, TimeID, ValueFormula, ValueInt, ValueText, ValueComment	

## Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

planning

## Used By

[control].[spParamTables]  
 [dbo].[sx\_pf\_COPY\_Factory]  
 [dbo].[sx\_pf\_COPY\_Product]  
 [dbo].[sx\_pf\_COPY\_ProductLine]  
 [dbo].[sx\_pf\_COPY\_ValueSerie]  
 [dbo].[sx\_pf\_DATAOUTPUT\_Balance]  
 [dbo].[sx\_pf\_DATAOUTPUT\_CashValues]  
 [dbo].[sx\_pf\_DATAOUTPUT\_FactorySummary]  
 [dbo].[sx\_pf\_DATAOUTPUT\_TextValues]  
 [dbo].[sx\_pf\_DELETE\_Factory]  
 [dbo].[sx\_pf\_DELETE\_Product]  
 [dbo].[sx\_pf\_DELETE\_ProductDataTableValues]  
 [dbo].[sx\_pf\_DELETE\_ProductLine]  
 [dbo].[sx\_pf\_DELETE\_TimelD]  
 [dbo].[sx\_pf\_DELETE\_Value]  
 [dbo].[sx\_pf\_DELETE\_Values]  
 [dbo].[sx\_pf\_DELETE\_ValueSerie]  
 [dbo].[sx\_pf\_EXPORT\_Factory]  
 [dbo].[sx\_pf\_EXPORT\_Product]  
 [dbo].[sx\_pf\_EXPORT\_ProductLine]  
 [dbo].[sx\_pf\_GET\_ClusterValidation]  
 [dbo].[sx\_pf\_GET\_FlexList]  
 [dbo].[sx\_pf\_GET\_GlobalSearch]  
 [dbo].[sx\_pf\_GET\_ProductDataTableValues]  
 [dbo].[sx\_pf\_GET\_Value]  
 [dbo].[sx\_pf\_GET\_Values]  
 [dbo].[sx\_pf\_MOVE\_Factory]  
 [dbo].[sx\_pf\_MOVE\_Product]  
 [dbo].[sx\_pf\_MOVE\_ProductLine]  
 [dbo].[sx\_pf\_MOVE\_ValueSerie]  
 [dbo].[sx\_pf\_POST\_Cleanup]  
 [dbo].[sx\_pf\_POST\_Product]  
 [dbo].[sx\_pf\_POST\_ProductDataTableValues]  
 [dbo].[sx\_pf\_POST\_Template\_All]  
 [dbo].[sx\_pf\_POST\_Timeline]  
 [dbo].[sx\_pf\_POST\_Value]  
 [dbo].[sx\_pf\_POST\_ValueSerie]  
 [planning].[spGET\_Values\_JSON]  
 [planning].[spPOST\_Values\_JSON]  
 [result].[spDataEntryNumericValues]  
 [result].[spDataEntryProfit]


[result].[spEvents]

## [planning].[tgCluster]

### MS\_Description

Table to store global Cluster Informations.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	PropertyKey <i>Primary Key for the property.</i>	int	4	NOT NULL	1 - 1
	PropertyID <i>Property ID.</i>	nvarchar(255)	510	NOT NULL	
	PropertyName <i>Property name.</i>	nvarchar(255)	510	NOT NULL	
	CommentUser <i>User comment.</i>	nvarchar(max)	max	NOT NULL	
	CommentDev <i>Development comment.</i>	nvarchar(max)	max	NOT NULL	
	Unit <i>Unit.</i>	nvarchar(255)	510	NOT NULL	
	ValueText <i>The value of the text.</i>	nvarchar(max)	max	NOT NULL	
	ValueInt <i>The value of the integer.</i>	int	4	NOT NULL	
	Scale <i>The scale.</i>	int	4	NOT NULL	
	IsROSystemProperty <i>Number to indicate whether the property is a RO system property.</i>	int	4	NOT NULL	
	FormatID <i>The ID of the format.</i>	nvarchar(255)	510	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_gCluster_PK	PropertyKey	True
	IX_gCluster_PropID	PropertyID	

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

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planning

## Used By

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[dbo].[sx\_pf\_DELETE\_ClusterProperty]  
[dbo].[sx\_pf\_GET\_ClusterProperties]  
[dbo].[sx\_pf\_GET\_ClusterProperty]  
[dbo].[sx\_pf\_GET\_ClusterValidation]  
[dbo].[sx\_pf\_GET\_Info\_Monitoring]  
[dbo].[sx\_pf\_GET\_Preference]  
[dbo].[sx\_pf\_POST\_ClusterProperty]  
[dbo].[sx\_pf\_POST\_Preference]  
[system].[pGET\_LicenceInformation]

## [planning].[tgFactories]


### MS\_Description

Table to store Factory Properties.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	PropertyKey <i>Primary Key for the property.</i>	int	4	NOT NULL	1 - 1
	FactoryKey <i>Factory key.</i>	int	4	NOT NULL	
	FactoryID <i>Factory ID.</i>	nvarchar(255)	510	NOT NULL	
	PropertyID <i>Property ID.</i>	nvarchar(255)	510	NOT NULL	
	PropertyName <i>Property name.</i>	nvarchar(255)	510	NOT NULL	
	CommentUser <i>Comment from user.</i>	nvarchar(max)	max	NOT NULL	
	CommentDev <i>Comment from development.</i>	nvarchar(max)	max	NOT NULL	
	Unit <i>Unit.</i>	nvarchar(255)	510	NOT NULL	
	ValueText <i>The value of the text.</i>	nvarchar(max)	max	NOT NULL	
	ValueInt <i>The value of the integer.</i>	int	4	NOT NULL	
	Scale <i>The scale.</i>	int	4	NOT NULL	
	IsROSystemProperty <i>Number to indicate whether the property is a RO system property.</i>	int	4	NOT NULL	
	FormatID <i>The ID of the format.</i>	nvarchar(255)	510	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_gFactories	PropertyKey	True
	IX_gFactories_FKey	FactoryKey	

### Extended Properties

Name	Value
SX_Module	CORE

SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

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planning

## Used By

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[dbo].[sx\_pf\_COPY\_Factory]  
[dbo].[sx\_pf\_DELETE\_Factory]  
[dbo].[sx\_pf\_DELETE\_FactoryProperty]  
[dbo].[sx\_pf\_EXPORT\_Factory]  
[dbo].[sx\_pf\_GET\_ClusterValidation]  
[dbo].[sx\_pf\_GET\_FactoryProperties]  
[dbo].[sx\_pf\_GET\_FactoryProperty]  
[dbo].[sx\_pf\_GET\_Preference]  
[dbo].[sx\_pf\_MOVE\_Factory]  
[dbo].[sx\_pf\_POST\_FactoryProperty]  
[dbo].[sx\_pf\_POST\_Preference]

## [planning].[tgProductLines]

### MS\_Description

Table to Store ProductLine Properties.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	PropertyKey <i>Primary Key for the property.</i>	int	4	NOT NULL	1 - 1
	ProductLineKey <i>ProductLine key.</i>	int	4	NOT NULL	
	FactoryKey <i>Factory key.</i>	int	4	NOT NULL	
	ProductLineID <i>ProductLine ID.</i>	nvarchar(255)	510	NOT NULL	
	FactoryID <i>Factory ID.</i>	nvarchar(255)	510	NOT NULL	
	PropertyID <i>Property ID.</i>	nvarchar(255)	510	NOT NULL	
	PropertyName <i>Property name.</i>	nvarchar(255)	510	NOT NULL	
	CommentUser <i>Comment from user.</i>	nvarchar(max)	max	NOT NULL	
	CommentDev <i>Comment from development.</i>	nvarchar(max)	max	NOT NULL	
	Unit <i>Unit.</i>	nvarchar(255)	510	NOT NULL	
	ValueText <i>The value of the text.</i>	nvarchar(max)	max	NOT NULL	
	ValueInt <i>The value of the integer.</i>	int	4	NOT NULL	
	Scale <i>The scale.</i>	int	4	NOT NULL	
	IsROSystemProperty <i>Number to indicate whether the property is a RO system property.</i>	int	4	NOT NULL	
	FormatID <i>The ID of the format.</i>	nvarchar(255)	510	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_gProductLines	PropertyKey	True
	IX_gProductLines_PLKey	ProductLineKey	

## Extended Properties

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Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

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planning

## Used By

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[dbo].[sx\_pf\_COPY\_Factory]  
[dbo].[sx\_pf\_COPY\_ProductLine]  
[dbo].[sx\_pf\_DELETE\_Factory]  
[dbo].[sx\_pf\_DELETE\_ProductLine]  
[dbo].[sx\_pf\_DELETE\_ProductLineProperty]  
[dbo].[sx\_pf\_EXPORT\_Factory]  
[dbo].[sx\_pf\_EXPORT\_ProductLine]  
[dbo].[sx\_pf\_GET\_ClusterValidation]  
[dbo].[sx\_pf\_GET\_Preference]  
[dbo].[sx\_pf\_GET\_ProductLineProperties]  
[dbo].[sx\_pf\_GET\_ProductLineProperty]  
[dbo].[sx\_pf\_MOVE\_Factory]  
[dbo].[sx\_pf\_MOVE\_ProductLine]  
[dbo].[sx\_pf\_POST\_Preference]  
[dbo].[sx\_pf\_POST\_ProductLineProperty]

## [planning].[tgProducts]

### MS\_Description

Table to store Product Properties.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	PropertyKey <i>Primary Key for the property.</i>	int	4	NOT NULL	1 - 1
	ProductKey <i>Product key.</i>	int	4	NOT NULL	
	ProductLineKey <i>ProductLine key.</i>	int	4	NOT NULL	
	FactoryKey <i>Factory key.</i>	int	4	NOT NULL	
	ProductID <i>Product ID.</i>	nvarchar(255)	510	NOT NULL	
	ProductLineID <i>ProductLine ID.</i>	nvarchar(255)	510	NOT NULL	
	FactoryID <i>Factory ID.</i>	nvarchar(255)	510	NOT NULL	
	PropertyID <i>Property ID.</i>	nvarchar(255)	510	NOT NULL	
	PropertyName <i>Property name.</i>	nvarchar(255)	510	NOT NULL	
	CommentUser <i>Comment from user.</i>	nvarchar(max)	max	NOT NULL	
	CommentDev <i>Comment from development.</i>	nvarchar(max)	max	NOT NULL	
	Unit <i>Unit.</i>	nvarchar(255)	510	NOT NULL	
	ValueText <i>The value of the text.</i>	nvarchar(max)	max	NOT NULL	
	ValueInt <i>The value of the integer.</i>	int	4	NOT NULL	
	Scale <i>The scale.</i>	int	4	NOT NULL	
	IsROSystemProperty <i>Number to indicate whether the property is a RO system property.</i>	int	4	NOT NULL	
	FormatID <i>The ID of the format.</i>	nvarchar(255)	510	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
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	PK_gProducts	PropertyKey	True
	IX_gProducts_PKey	ProductKey	

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

planning

### Used By


[dbo].[sx\_pf\_COPY\_Factory]  
 [dbo].[sx\_pf\_COPY\_Product]  
 [dbo].[sx\_pf\_COPY\_ProductLine]  
 [dbo].[sx\_pf\_DELETE\_Factory]  
 [dbo].[sx\_pf\_DELETE\_Product]  
 [dbo].[sx\_pf\_DELETE\_ProductLine]  
 [dbo].[sx\_pf\_DELETE\_ProductProperty]  
 [dbo].[sx\_pf\_EXPORT\_Factory]  
 [dbo].[sx\_pf\_EXPORT\_Product]  
 [dbo].[sx\_pf\_EXPORT\_ProductLine]  
 [dbo].[sx\_pf\_GET\_ClusterValidation]  
 [dbo].[sx\_pf\_GET\_ProductProperties]  
 [dbo].[sx\_pf\_GET\_ProductProperty]  
 [dbo].[sx\_pf\_GET\_ProductRanges]  
 [dbo].[sx\_pf\_MOVE\_Factory]  
 [dbo].[sx\_pf\_MOVE\_Product]  
 [dbo].[sx\_pf\_MOVE\_ProductLine]  
 [dbo].[sx\_pf\_POST\_Product]  
 [dbo].[sx\_pf\_POST\_ProductProperty]  
 [dbo].[sx\_pf\_POST\_Template\_All]

## [planning].[tgValueEffects]

### MS\_Description

Table to store ValueEffects.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	EffectKey <i>Primary Key for the value effect.</i>	int	4	NOT NULL	1 - 1
	EffectID <i>ID of the value effect.</i>	nvarchar(255)	510	NOT NULL	
	ProfitLossEffect <i>Effect of the profit loss.</i>	int	4	NOT NULL	
	BalanceEffect <i>Effect of the balance.</i>	int	4	NOT NULL	
	CashEffect <i>Effect of the cash.</i>	int	4	NOT NULL	
	QuantityEffect <i>Effect of the quantity.</i>	int	4	NOT NULL	
	AggregationTypTime <i>The time of the aggregation typ.</i>	nvarchar(255)	510	NOT NULL	
	AggregationTypStructure <i>The structure of the aggregation typ.</i>	nvarchar(255)	510	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_gValueEffects_PK	EffectKey	True

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

planning

### Used By

[dbo].[sx\_pf\_DATAOUTPUT\_Balance]  
[dbo].[sx\_pf\_DATAOUTPUT\_CashValues]



[dbo].[sx\_pf\_DATAOUTPUT\_FactorySummary]  
[dbo].[sx\_pf\_GET\_AllProductListValues]  
[result].[spDataEntryProfit]

## [planning].[thFormats]

### MS\_Description


Table to store Format Definitions, which are applied on ValueSeries, GlobalAttributes and TimeIDs.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	<b>FormatKey</b> <i>Technical Primary Key.</i>	int	4	NOT NULL	1 - 1
	<b>FormatID</b> <i>Business Primary Key.</i>	nvarchar(255)	510	NOT NULL	
	<b>BackgroundColor</b> <i>RGB Color Definition, which is applied for Background eg. 233,233,233.</i>	nvarchar(255)	510	NOT NULL	
	<b>FontColor</b> <i>RGB Color Definition, which is applied for Fonts eg. 233,233,233.</i>	nvarchar(255)	510	NOT NULL	
	<b>ValueFormat</b> <i>Format Definition in english XLS Style, which is applied to format values, e.g. #,###0.00 for Thousand Separator and two decimal places.</i>	nvarchar(255)	510	NOT NULL	
	<b>Bold</b> <i>Font is bold Definition, as try state -1,0,1 = Not set, false, true.</i>	int	4	NOT NULL	
	<b>Italic</b> <i>Font is italic Definition, as try state -1,0,1 = Not set, false, true.</i>	int	4	NOT NULL	
	<b>AlignmentHorizontal</b> <i>Definition of horizontal font alignment, allowed values are left, center, right.</i>	nvarchar(255)	510	NOT NULL	
	<b>AlignmentVertical</b> <i>Definition of vertical font alignment, allowed values are top, center, bottom.</i>	nvarchar(255)	510	NOT NULL	
	<b>TextUnderlined</b> <i>Font is underlined Definition, as try state -1,0,1 = Not set, false, true.</i>	int	4	NOT NULL	
	<b>BorderToNext</b> <i>Definition Flag if a border to the next (ValueSeries, TimeID) is painted, allowed values are 0 = false, 1 = true.</i>	int	4	NOT NULL	
	<b>BorderToPrevious</b> <i>Definition Flag if a border to the previous (ValueSeries, TimeID) is painted, allowed values are 0 = false, 1 = true.</i>	int	4	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_hFormats_PK	FormatKey	True

	IX_hFormats_FormatID	FormatID	
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### Extended Properties

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Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

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planning

### Used By


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[control].[spSystemFailureReport]  
[dbo].[sx\_pf\_COPY\_Format]  
[dbo].[sx\_pf\_DELETE\_Format]  
[dbo].[sx\_pf\_EXPORT\_Factory]  
[dbo].[sx\_pf\_EXPORT\_Product]  
[dbo].[sx\_pf\_EXPORT\_ProductLine]  
[dbo].[sx\_pf\_GET\_AllProductListValues]  
[dbo].[sx\_pf\_GET\_ClusterValidation]  
[dbo].[sx\_pf\_GET\_Format]  
[dbo].[sx\_pf\_GET\_Formats]  
[dbo].[sx\_pf\_MOVE\_Format]  
[dbo].[sx\_pf\_POST\_Format]  
[planning].[spEXPORT\_Format]

 **[planning].[thLists]**
**MS\_Description**

Table to store Listnames.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	ListKey <i>Technical Primary Key.</i>	int	4	NOT NULL	1 - 1
	ListID <i>Bussines Primary Key.</i>	nvarchar(255)	510	NOT NULL	
	NameShort <i>The short name of the list.</i>	nvarchar(255)	510	NOT NULL	
	NameLong <i>The long name of the list.</i>	nvarchar(255)	510	NOT NULL	
	CommentDev <i>The development comment.</i>	nvarchar(255)	510	NOT NULL	
	CommentUser <i>The user comment.</i>	nvarchar(255)	510	NOT NULL	
	Datentyp <i>The data type of the list.</i>	nvarchar(255)	510	NOT NULL	
	Source <i>The source of the list.</i>	nvarchar(255)	510	NOT NULL	
	SourceFormula <i>The source formula.</i>	nvarchar(1000)	2000	NOT NULL	
	FormatID <i>Bussines Key for the format.</i>	nvarchar(255)	510	NOT NULL	

**Indexes**

Key	Name	Key Columns	Unique
	PK_hLists_PK	ListKey	True

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

**Uses**

planning

## Used By

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[control].[spSystemFailureReport]  
[dbo].[sx\_pf\_COPY\_List]  
[dbo].[sx\_pf\_DELETE\_List]  
[dbo].[sx\_pf\_EXPORT\_Factory]  
[dbo].[sx\_pf\_EXPORT\_Product]  
[dbo].[sx\_pf\_EXPORT\_ProductLine]  
[dbo].[sx\_pf\_GET\_AllProductListValues]  
[dbo].[sx\_pf\_GET\_ClusterValidation]  
[dbo].[sx\_pf\_GET\_List]  
[dbo].[sx\_pf\_GET\_Lists]  
[dbo].[sx\_pf\_GET\_ListValues]  
[dbo].[sx\_pf\_MOVE\_List]  
[dbo].[sx\_pf\_POST\_List]  
[dbo].[sx\_pf\_POST\_ListValue]  
[planning].[spEXPORT\_List]

## [planning].[thListValues]

### MS\_Description

Table to store List Values.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	ListValueKey <i>Technical Primary Key for list value.</i>	int	4	NOT NULL	1 - 1
	ListID <i>Business key for List.</i>	nvarchar(255)	510	NOT NULL	
	ValueInt <i>The value of the integer.</i>	bigint	8	NOT NULL	
	Scale <i>The scale of the list value.</i>	bigint	8	NOT NULL	
	ValueText <i>The value of the text.</i>	nvarchar(255)	510	NOT NULL	
	ValueComment <i>The value of the comment.</i>	nvarchar(255)	510	NOT NULL	
	FormatID <i>Business key for the format.</i>	nvarchar(255)	510	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_hListValues_PK	ListValueKey	True
	IX_hListValues_ListID	ListID	

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

planning

### Used By

[control].[spSystemFailureReport]

[dbo].[sx\_pf\_COPY\_List]

[dbo].[sx\_pf\_DELETE\_List]

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[dbo].[sx\_pf\_DELETE\_ListValue]  
[dbo].[sx\_pf\_EXPORT\_Factory]  
[dbo].[sx\_pf\_EXPORT\_Product]  
[dbo].[sx\_pf\_EXPORT\_ProductLine]  
[dbo].[sx\_pf\_GET\_AllProductListValues]  
[dbo].[sx\_pf\_GET\_ClusterValidation]  
[dbo].[sx\_pf\_GET\_ListValues]  
[dbo].[sx\_pf\_MOVE\_Format]  
[dbo].[sx\_pf\_MOVE\_List]  
[dbo].[sx\_pf\_POST\_ListValue]  
[planning].[spEXPORT\_List]

## [planning].[trPreferences]


### MS\_Description

Table to store Preferences - in contrast to properties, preferences can be userdependend.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	PreferenceKey <i>Technical Primary Key for Preference.</i>	int	4	NOT NULL	1 - 1
	UserKey <i>Technical Key for User.</i>	int	4	NOT NULL	
	UserName <i>User Name.</i>	nvarchar(255)	510	NOT NULL	
	FactoryID <i>Business Key for the Factory.</i>	nvarchar(255)	510	NOT NULL	
	ProductLineID <i>Business Key for the ProductLine.</i>	nvarchar(255)	510	NOT NULL	
	SettingName <i>The setting for the name.</i>	nvarchar(255)	510	NOT NULL	
	ValueInt <i>The value of the integer.</i>	int	4	NOT NULL	
	ValueText <i>The value of the text.</i>	nvarchar(max)	max	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_rPreferences_PK	PreferenceKey	True
	IX_rPreferences_FID	FactoryID	

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

planning

### Used By

[dbo].[sx\_pf\_COPY\_Factory]

[dbo].[sx\_pf\_COPY\_ProductLine]  
[dbo].[sx\_pf\_DELETE\_Factory]  
[dbo].[sx\_pf\_DELETE\_Preference]  
[dbo].[sx\_pf\_DELETE\_ProductLine]  
[dbo].[sx\_pf\_EXPORT\_Factory]  
[dbo].[sx\_pf\_EXPORT\_ProductLine]  
[dbo].[sx\_pf\_GET\_Preference]  
[dbo].[sx\_pf\_MOVE\_Factory]  
[dbo].[sx\_pf\_MOVE\_ProductLine]  
[dbo].[sx\_pf\_POST\_Preference]

 **[planning].[tTabs]**
**MS\_Description**

Table to store Tabs on all levels (Cluster, Factory, ProductLine, Product). Tabs can contain Pivot Tables, DataGrids, HTML Pages etc.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	<b>RowKey</b> <i>Technical primary Key for row identity.</i>	bigint	8	NOT NULL	1 - 1
	<b>FactoryKey</b> <i>FactoryKey, -1 for tabs on Cluster level.</i>	int	4	NOT NULL	
	<b>ProductLineKey</b> <i>ProductLineKey, -1 for tabs on Cluster / Factory level.</i>	int	4	NOT NULL	
	<b>ProductKey</b> <i>ProductKey, -1 for tabs on Cluster / Factory / ProductLine level.</i>	int	4	NOT NULL	
	<b>FactoryID</b> <i>FactoryID, empty string for tabs on Cluster level.</i>	nvarchar(255)	510	NOT NULL	
	<b>ProductLineID</b> <i>ProductLineID, empty String for tabs on Cluster / Factory level.</i>	nvarchar(255)	510	NOT NULL	
	<b>ProductID</b> <i>ProductID, empty string for tabs on Cluster / Factory / ProductLine level.</i>	nvarchar(255)	510	NOT NULL	
	<b>TabID</b> <i>Business ID for the Tab, used as business identifier</i>	nvarchar(255)	510	NOT NULL	
	<b>Orderindex</b> <i>Order number for the Tab in the list of tabs.</i>	int	4	NOT NULL	
	<b>TabName</b> <i>Name of the Tab, this Name is used as label for the tab.</i>	nvarchar(255)	510	NOT NULL	
	<b>TabHint</b> <i>Text, which is show as Tooltip on the tab.</i>	nvarchar(2000)	4000	NOT NULL	
	<b>TabText</b> <i>Text, displayed in the header area inside the tab as explination</i>	nvarchar(2000)	4000	NOT NULL	
	<b>PresentationCODE</b> <i>Codeword for Presentationtype of the content, e.g. PIVOT, DATAGRID,..</i>	nvarchar(255)	510	NOT NULL	
	<b>Datasource</b> <i>Datasource for the Tab, depending on Presentation CODE - StoredProcedure Name, URL, ...</i>	nvarchar(2000)	4000	NOT NULL	
	<b>IsVisibleBOOL</b>	int	4	NOT NULL	
	<b>LayoutJSON</b> <i>Layout definition saved as JSON string.</i>	nvarchar(max)	max	NOT NULL	

	ParameterJSON <i>Parameter definition, saved as JSON string.</i>	nvarchar(max)	max	NOT NULL	
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## Indexes

Key	Name	Key Columns	Unique
	PK_tTabs	RowKey	True

## Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

planning


## Used By

[dbo].[sx\_pf\_COPY\_Factory]  
[dbo].[sx\_pf\_COPY\_ProductLine]  
[dbo].[sx\_pf\_DELETE\_Factory]  
[dbo].[sx\_pf\_DELETE\_ProductLine]  
[dbo].[sx\_pf\_EXPORT\_Factory]  
[dbo].[sx\_pf\_EXPORT\_ProductLine]  
[dbo].[sx\_pf\_MOVE\_Factory]  
[dbo].[sx\_pf\_MOVE\_ProductLine]  
[planning].[spCOPY\_Tab]  
[planning].[spDELETE\_Tab]  
[planning].[spEXPORT\_Tab]  
[planning].[spGET\_Tabs]  
[planning].[spMOVE\_Tab]  
[planning].[spPOST\_Tab]

 **[system].[tAPI\_Log]**
**MS\_Description**

Table to store user of OCT.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	LogKey <i>Technical primary Key for row identity.</i>	bigint	8	NOT NULL	1 - 1
	SQLSystemUser <i>Name of the SQL system user.</i>	nvarchar(255)	510	NOT NULL	
	UserName <i>User name.</i>	nvarchar(255)	510	NOT NULL	
	TransactUsername <i>Name of the transact user.</i>	nvarchar(255)	510	NOT NULL	
	ProcedureName <i>Name of the procedure.</i>	nvarchar(255)	510	NOT NULL	
	ParameterString <i>String that holds the parameters.</i>	nvarchar(max)	max	NOT NULL	
	EffecteRows <i>Number of rows affected.</i>	int	4	NOT NULL	
	ReturnCode <i>The return code.</i>	int	4	NOT NULL	
	TimestampCall <i>The timestamp of the call.</i>	datetime	8	NOT NULL	
	TimestampReturn <i>The timestamp of the return.</i>	datetime	8	NOT NULL	
	Comment <i>The comment.</i>	nvarchar(4000)	8000	NOT NULL	
	ProcessCode <i>The process code.</i>	nvarchar(255)	510	NOT NULL	

**Indexes**

Key	Name	Key Columns	Unique
	PK_API_LogKey	LogKey DESC	True

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

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system

## Used By

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[system].[vLogEntries]

[dbo].[sx\_pf\_GET\_Info\_Monitoring]

[dbo].[sx\_pf\_pPOST\_API\_LogEntry]



[system].[spGET\_APILog]

## [system].[tConnectorQueries]

### MS\_Description

Table to store connectors.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	ConnectorQueryKey <i>Technical primary Key for row identity.</i>	int	4	NOT NULL	1 - 1
	ConnectorKey <i>Foreign Key to system.t-Connectors.ConnectorKey.</i>	int	4	NOT NULL	
	QueryName <i>Name of the query which also determines the target integration table.</i>	nvarchar(255)	510	NOT NULL	
	QuerySQL <i>SQL query which is executed by the connector.</i>	nvarchar(max)	max	NOT NULL	
	QueryVersion <i>Version of the query. Default = 1. If the query is edited the version goes up in a separate entry. Only MAX(Version) is used by the connector.</i>	int	4	NOT NULL	
	QueryVersionComment <i>If query is edited it should include a comment about what was changed.</i>	nvarchar(4000)	8000	NOT NULL	
	Timestamp <i>Timestamp when the query was created.</i>	datetime	8	NOT NULL	
	CreatedBy <i>User who created or edited the query.</i>	nvarchar(255)	510	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_tConnectorQueries_ConnectorQueryKey	ConnectorQueryKey	True

### Foreign Keys

Name	Update	Delete	Columns
FK_tConnectorQueries_ConnectorKey	Cascade	Cascade	ConnectorKey->[system].[t-Connectors].[ConnectorKey]

### Extended Properties

Name	Value
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SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

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[system].[tConnectors]  
system

## Used By

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[system].[spEXPORT\_Connector]  
[system].[spGET\_ConnectorQuery]  
[system].[spGET\_ConnectorTree]  
[system].[spPOST\_ConnectorQuery]

## [system].[tConnectors]


### MS\_Description

Table to store connectors.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	ConnectorKey <i>Technical primary Key for row identity.</i>	int	4	NOT NULL	1 - 1
	SourceSystemID <i>Source System ID for row identity.</i>	nvarchar(50)	100	NOT NULL	
	SourceSystemType <i>Source System type for row identity.</i>	nvarchar(50)	100	NOT NULL	
	ModuleID <i>Module ID for row identity.</i>	nvarchar(50)	100	NOT NULL	
	ConnectorDescription <i>Description for the connector.</i>	nvarchar(4000)	8000	NOT NULL	
	ConnectorDescriptionURL <i>Link to Saxess website with detailed description for the connector.</i>	nvarchar(255)	510	NOT NULL	
	ConnectorVersion <i>Version of the connector.</i>	int	4	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_tConnectors_ConnectorKey	ConnectorKey	True
	AK_tConnectors_SourceSystemID_SourceSystemType_ModuleID	SourceSystem-ID, Source-SystemType, ModuleID	True

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

system

## Used By

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[system].[tConnectorQueries]  
[system].[spDELETE\_Connector]  
[system].[spEXPORT\_Connector]  
[system].[spGET\_Connector]  
[system].[spGET\_ConnectorQuery]  
[system].[spGET\_ConnectorTree]  
[system].[spPOST\_Connector]  
[system].[spPOST\_ConnectorQuery]

## [system].[tDashboards]

### MS\_Description

Table to store Report definitions.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	DashboardKey <i>Technical primary Key for row identity.</i>	bigint	8	NOT NULL	1 - 1
	DashboardID <i>DashboardID as Business Identifier</i>	nvarchar(50)	100	NOT NULL	
	DashboardName <i>Name for the Dashboard.</i>	nvarchar(255)	510	NOT NULL	
	DashboardDescription <i>Description for the Dashboard</i>	nvarchar(4000)	8000	NOT NULL	
	LayoutDefinition <i>Definition for the Dashboard (including images etc.) as varbinary content.</i>	varbinary(max)	max	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_tDashboards_DashboardKey	DashboardKey	True
	AK_tDashboards_DashboardID	DashboardID	True

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

system

### Used By



[system].[spCOPY\_Dashboard]  
 [system].[spDELETE\_Dashboard]  
 [system].[spGET\_Dashboards]  
 [system].[spPOST\_Dashboard]

## [system].[tDataSources]

### MS\_Description

Table to store connections to source systems.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	DataSourceKey <i>Technical Primary Key for row identity.</i>	bigint	8	NOT NULL	1 - 1
	DataSourceID <i>Business ID of the Datasource.</i>	nvarchar(50)	100	NOT NULL	
	DataSourceName <i>Name of the Datasource.</i>	nvarchar(255)	510	NOT NULL	
	SourceType <i>Sourcetype of the datasource.</i>	nvarchar(50)	100	NOT NULL	
	ConnectionValuesJSON <i>The content of the ConnectionValues JSON file.</i>	nvarchar(max)	max	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_system_tDataSources_DataSourceKey	DataSourceKey	True
	AK_system_tDataSources_DataSourceID	DataSourceID	True

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

system

### Used By

[global].[spDELETE\_Company]  
 [global].[spGET\_Companies]  
 [global].[spPOST\_Company]  
 [system].[pGET\_LicenceInformation]  
 [system].[spDELETE\_DataSource]  
 [system].[spGET\_DataSources]


Project > W10 > User databases > OCT > Tables > system.tDataSources

[system].[spPOST\_DataSource]

 **[system].[tEmails]**
**MS\_Description**

Table to store Emails as a queue.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	EmailKey <i>Technical primary Key for row identity.</i>	int	4	NOT NULL	1 - 1
	EmailID <i>BusinessID for the Email.</i>	nvarchar(50)	100	NOT NULL	
	EmailSubject <i>Subject for the Email.</i>	nvarchar(2000)	4000	NOT NULL	
	EmailRecipients <i>List of Email addresses, separated by semikolon.</i>	nvarchar(4000)	8000	NOT NULL	
	EmailText <i>Body for the Email</i>	nvarchar(max)	max	NOT NULL	
	EmailAttachments <i>List of FileIDs, which are stored separate in planning.tFiles</i>	nvarchar(2000)	4000	NOT NULL	
	EmailStatusCODE <i>CODE for the sendig status of an email, PENDING, ERROR, SENT</i>	nvarchar(50)	100	NOT NULL	
	SourceTypeCODE <i>CODE for the Source, which created this Email PIPELINE, EVENT, MANUALLY</i>	nvarchar(50)	100	NOT NULL	
	SourceID <i>The ID chain of the object which created this email, eg. DataSource / Pipeline - the DSID-PID or an FID-PLID-PID</i>	nvarchar(50)	100	NOT NULL	
	CreationDate <i>Datetime,when the Email was created.</i>	datetime	8	NOT NULL	
	PostDate <i>Datetime,when the Email was posted.</i>	datetime	8	NULL allowed	

**Indexes**

Key	Name	Key Columns	Unique
	PK_tEmails_EmailKey	EmailKey	True

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core

SX_ShipmentFlag	1
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### Uses

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system

### Used By

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[system].[spGET\_Emails]  
[system].[spPOST\_Email]

## [system].[tlcons]


### MS\_Description

Table to store icons for use in application GUI.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	IconKey <i>Technical primary Key for row identity.</i>	bigint	8	NOT NULL	1 - 1
	IconName <i>Name for the Icon as full name including Extension.</i>	nvarchar(255)	510	NOT NULL	
	FileExtension <i>Extension of the image file.</i>	nvarchar(50)	100	NULL allowed	
	FileBody <i>Filebody as binary storage of the icon data.</i>	varbinary(max)	max	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_tlcons	IconKey	True

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

system


### Used By

[system].[spDELETE\_Icon]  
[system].[spGET\_Icons]  
[system].[spPOST\_Icon]


 **[system].[tLogicIndex]**
**MS\_Description**

Table to store informations about activated Logicmodules. All activated modules are included. On deactivation modules will be deleted in this table.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	RowKey <i>Technical primary Key for row identity.</i>	int	4	NOT NULL	1 - 1
	ModuleID <i>ID of the module as string like FIN</i>	nvarchar(50)	100	NOT NULL	
	ModuleVersion <i>Version of the module as String like 2.0</i>	nvarchar(50)	100	NOT NULL	
	ActivationDate <i>Date when this module were activated. Only the last activation date is to see.</i>	date	3	NOT NULL	

**Indexes**

Key	Name	Key Columns	Unique
	PK_LogicIndex_PK	RowKey	True

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

**Uses**

system

**Used By**




[system].[spDELETE\_LogicIndexItem]  
 [system].[spGET\_LogicIndexItems]  
 [system].[spPOST\_LogicIndexItem]

## [system].[tPipelineLog]


### MS\_Description

Table to Logs per Pipeline Execution. Step Logs are saved separatly in system.StepLog

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	LogKey <i>Technical primary Key for row identity.</i>	bigint	8	NOT NULL	1 - 1
	PipelineID <i>This column just holds a sample text.</i>	nvarchar(50)	100	NOT NULL	
	PipelineName <i>Name of the pipeline - materialized to be historic correct.</i>	nvarchar(255)	510	NOT NULL	
	ExecutionID <i>Generated Key on first call to Kep Pipeline and Steps together.</i>	nvarchar(50)	100	NOT NULL	
	ExecutionServerName <i>URL of the Server, which executed this pipeline.</i>	nvarchar(255)	510	NOT NULL	
	StatusCODE <i>CODE of the current pipeline status - may be RUNNING, STOPPED (from User), DIED (computer restarted etc.), FINISHED (succesful), FINISHEDWITHERROR</i>	nvarchar(50)	100	NOT NULL	
	StartedBy <i>Name of the user who started this pipeline, or the word scheduler if it was scheduler started.</i>	nvarchar(255)	510	NOT NULL	
	StartTime <i>Datetime showing start of the pipeline run.</i>	datetime	8	NULL allowed	
	EndTime <i>Datetime showing end of the pipeline run.</i>	datetime	8	NULL allowed	

### Indexes

Key	Name	Key Columns	Unique
	PK_tPipelineLog_LogKey	LogKey DESC	True
	AK_tPipelines_PID_EID	PipelineID, ExecutionID	True

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

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system

## Used By

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[system].[tPipelineStepLog]  
[system].[spGET\_PipelineLog]  
[system].[spPOST\_PipelineLog]  
[system].[spPOST\_PipelineStepLog]

## [system].[tPipelines]

### MS\_Description

Table to store process pipelines.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	PipelineKey <i>Technical primary Key for row identity.</i>	int	4	NOT NULL	1 - 1
	PipelineID <i>Business ID for row identity.</i>	nvarchar(50)	100	NOT NULL	
	PipelineName <i>Name of the Pipeline.</i>	nvarchar(255)	510	NOT NULL	
	PipelineDescription <i>Description for the Pipeline.</i>	nvarchar(4000)	8000	NOT NULL	
	PipelineDescriptionIconColor <i>Color of the Pipeline Icon, written as Hex Code.</i>	nvarchar(255)	510	NOT NULL	
	OrderOfDisplay <i>Stores at which position the process pipeline should be displayed.</i>	int	4	NOT NULL	
	EmailNotificationCODE <i>CODE word to activate Email notifications - NEVER, ALWAYS, ONERROR.</i>	nvarchar(50)	100	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_tPipelines_PipelineKey	PipelineKey	True
	AK_tPipelines_PipelineID	PipelineID	True

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

system

### Used By

[system].[tPipelineSchedules]

Author: Gerd Tautenhahn




[system].[tPipelineSteps]  
[system].[spCOPY\_Pipeline]  
[system].[spCOPY\_PipelineStep]  
[system].[spDELETE\_Pipeline]  
[system].[spDELETE\_PipelineSchedule]  
[system].[spDELETE\_PipelineStep]  
[system].[spEXPORT\_Pipeline]  
[system].[spGET\_Pipelines]  
[system].[spGET\_PipelineSchedules]  
[system].[spGET\_PipelineStepLog]  
[system].[spGET\_PipelineSteps]  
[system].[spGET\_UserRightInformation]  
[system].[spMOVE\_Pipeline]  
[system].[spPOST\_Pipeline]  
[system].[spPOST\_PipelineLog]  
[system].[spPOST\_PipelineSchedule]  
[system].[spPOST\_PipelineStep]  
[system].[spPOST\_PipelineStepLog]

## [system].[tPipelineSchedules]


### MS\_Description

Table to store defined schedules for pipelines.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	ScheduleKey <i>Stores the generated primary key of the table.</i>	int	4	NOT NULL	1 - 1
	PipelineKey <i>Stores the PipelineKey that is executed with this scheduler job.</i>	int	4	NOT NULL	
	ScheduleID <i>ID for the schedule.</i>	nvarchar(50)	100	NOT NULL	
	ScheduleName <i>Name for the schedule.</i>	nvarchar(255)	510	NOT NULL	
	ScheduleDescription <i>Description of the schedule.</i>	nvarchar(4000)	8000	NOT NULL	
	ScheduleDetailsJSON <i>Stores the rhythms which determines when and how often a pipeline is executed.</i>	nvarchar(max)	max	NOT NULL	
	Active <i>Stores if the scheduled job is currently active.</i>	bit	1	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_tPipelineSchedules	ScheduleKey	True
	AK_tPipelineSchedules_PipelineKeyScheduleID	PipelineKey, Schedule-ID	True

### Foreign Keys

Name	Update	Delete	Columns
FK_tPipelineSchedules_PipelineKey	Cascade	Cascade	PipelineKey->[system].[tPipelines].[Pipeline-Key]

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core

SX_ShipmentFlag	1
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### Uses

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[system].[tPipelines]  
system

### Used By

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[system].[spCOPY\_Pipeline]  
[system].[spDELETE\_PipelineSchedule]  
[system].[spEXPORT\_Pipeline]  
[system].[spGET\_PipelineSchedules]  
[system].[spPOST\_PipelineSchedule]

## [system].[tPipelineStepLog]

### MS\_Description

Table to store logs per executed step

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	LogKey <i>Technical primary Key for row identity.</i>	bigint	8	NOT NULL	1 - 1
	PipelineID <i>ID of the pipeline this step belongs to.</i>	nvarchar(50)	100	NOT NULL	
	StepID <i>ID of the step</i>	nvarchar(50)	100	NOT NULL	
	ExecutionID <i>Relation to the pipeline log.</i>	nvarchar(50)	100	NOT NULL	
	StepName <i>Name of the Step to keep history.</i>	nvarchar(255)	510	NOT NULL	
	StartTime <i>Datetime the step was started.</i>	datetime	8	NULL allowed	
	EndTime <i>Datetime the step was finished.</i>	datetime	8	NULL allowed	
	LogMessage <i>Messages from logging.</i>	nvarchar(max)	max	NOT NULL	
	StatusCODE <i>CODE of the current pipeline status - may be RUNNING, WAITING (Pipeline was started and step queued), STOPPED (from User), DIED (computer restarted etc.), FINISHED (succesful), FINISHEDWITHERROR</i>	nvarchar(50)	100	NOT NULL	
	HandleID <i>ID for Penatho Job handling.</i>	nvarchar(50)	100	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_tPipelineStepLog_LogKey	LogKey DESC	True
	AK_tPipelineStepLog_StepIDExecutionID	StepID, ExecutionID	True

### Foreign Keys

Name	Update	Delete	Columns
FK_tPipelineLog_LogKey	Cascade	Cascade	PipelineID->[system].[tPipelineLog].[PipelineID] ExecutionID->[system].[tPipelineLog].[ExecutionID]

### Extended Properties

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Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

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[system].[tPipelineLog]  
system

### Used By

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[system].[spGET\_PipelineStepLog]  
[system].[spPOST\_PipelineStepLog]


 **[system].[tPipelineSteps]**
**MS\_Description**

Table to store process steps.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
 PK	StepKey <i>Technical primary Key for row identity.</i>	int	4	NOT NULL	1 - 1
 FK	PipelineKey <i>Foreign key to tPipelines.</i>	int	4	NOT NULL	
	StepID	nvarchar(50)	100	NOT NULL	
	StepName <i>Name of the Step.</i>	nvarchar(255)	510	NOT NULL	
	StepDescription <i>Description of the Step.</i>	nvarchar(4000)	8000	NOT NULL	
	OrderOfExecution <i>Stores at which position of the process pipeline the step should be executed.</i>	int	4	NOT NULL	
	StepDataSourceID <i>ID of the Datasource which is used from this Step.</i>	nvarchar(50)	100	NOT NULL	
	StepCompanyIDsJSON <i>JSON Array with the IDs of the companies activated for this step.</i>	nvarchar(max)	max	NOT NULL	
	StepDetailsJSON <i>The details of this step, content depending from the step type CODE.</i>	nvarchar(max)	max	NOT NULL	
	TimeExecutionLimit <i>The time limit for the execution in minutes, step is skipped after this limit, use 0 for no limit.</i>	int	4	NOT NULL	
	Active <i>Flag if the step is active.</i>	bit	1	NOT NULL	
	ModuleID <i>ID of the Module, if the Step has the property module, else empty string</i>	nvarchar(255)	510	NOT NULL	
	StartNextStepOnError	bit	1	NOT NULL	

**Indexes**

Key	Name	Key Columns	Unique
 PK	PK_tPipelineSteps_StepKey	StepKey	True
	AK_tPipelineSteps_PipelineKeyStepID	PipelineKey, StepID	True

## Foreign Keys

---

Name	Update	Delete	Columns
FK_tPipelines_PipelineKey	Cascade	Cascade	PipelineKey->[system].[tPipelines].[PipelineKey]

## Extended Properties

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Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

---

[system].[tPipelines]  
system

## Used By


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[system].[spCOPY\_Pipeline]  
[system].[spCOPY\_PipelineStep]  
[system].[spDELETE\_PipelineStep]  
[system].[spEXPORT\_Pipeline]  
[system].[spGET\_PipelineStepLog]  
[system].[spGET\_PipelineSteps]  
[system].[spPOST\_PipelineStep]  
[system].[spPOST\_PipelineStepLog]

 **[system].[tProcessLogs]**
**MS\_Description**

Table to store log entries of all application processes which use monitoring services.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	RowKey <i>Technical primary Key for row identity.</i>	int	4	NOT NULL	1 - 1
	ModuleCODE <i>Specification of the module that created this log entry, e.g. Server, Integration, Planning, Visualization.</i>	nvarchar(50)	100	NOT NULL	
	ProcessName <i>Name of the process that is logged here.</i>	nvarchar(255)	510	NOT NULL	
	ProcessID <i>ID of the process that is logged here (optional).</i>	nvarchar(50)	100	NULL allowed	
	SubProcessName <i>Name of the subprocess that is logged here (optional).</i>	nvarchar(255)	510	NULL allowed	
	SubProcessID <i>ID of the subprocess that is logged here (optional).</i>	nvarchar(50)	100	NULL allowed	
	SubSubProcessName <i>Name of the subsubprocess that is logged here (optional).</i>	nvarchar(255)	510	NULL allowed	
	EventCODE <i>Description of the event that occurred in the process, can be: Start, End, Info.</i>	nvarchar(20)	40	NOT NULL	
	Timestamp <i>Date and time when this event occurred.</i>	datetime	8	NOT NULL	
	ReturnCODE <i>Return code of the process that has been executed, use HTTP return codes (optional).</i>	int	4	NULL allowed	
	EventMessage <i>Details of this event, e.g. a log message or an exception that occurred (optional).</i>	nvarchar(max)	max	NULL allowed	

**Indexes**

Key	Name	Key Columns	Unique
	PK_tProcessLogs	RowKey DESC	True

**Permissions**

Type	Action	Owning Principal
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Grant	SELECT	pf_PlanningFactoryService
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### Extended Properties

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Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

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system

### Used By

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[agent].[pPostBulkload]  
[agent].[pSync]  
[system].[pPOST\_ProcessLogEntry]  
[system].[spGET\_ProcessLog]

## [system].[tReports]

### MS\_Description

Table to store Report definitions.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	ReportKey <i>Technical primary Key for row identity.</i>	bigint	8	NOT NULL	1 - 1
	ReportID <i>ReportID as Business Identifier</i>	nvarchar(50)	100	NOT NULL	
	ReportName <i>Name for the Report.</i>	nvarchar(255)	510	NOT NULL	
	ReportDescription <i>Description for the Report</i>	nvarchar(4000)	8000	NOT NULL	
	LayoutDefinition <i>Definition for the report (including images etc.) as varbinary content.</i>	varbinary(max)	max	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_tReports_ReportKey	ReportKey	True
	AK_tReports_ReportID	ReportID	True

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

system

### Used By

[system].[spCOPY\_Report]  
 [system].[spDELETE\_Report]  
 [system].[spGET\_Reports]  
 [system].[spPOST\_Report]

## [system].[trRights]



### MS\_Description

Table to store defined Rights per User - only positiv given rights are stored on highest level.

Resolving Rights to effectiv Rights for all levels is done to table

system.trUserRights

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	<b>RightKey</b> <i>Technical primary Key for row identity.</i>	int	4	NOT NULL	1 - 1
	<b>UserKey</b> <i>Technical Key for join with system.trUser</i>	int	4	NOT NULL	
	<b>UserName</b> <i>Business Key for join with system.trUser</i>	nvarchar(255)	510	NOT NULL	
	<b>FactoryID</b> <i>FactoryID to which the right belongs. Empty FactoryID stands for clusterrights.</i>	nvarchar(255)	510	NOT NULL	
	<b>ProductLineID</b> <i>ProduclineID to which the right belongs. Empty ProductLineID stands for Factory-Rights.</i>	nvarchar(255)	510	NOT NULL	
	<b>ProductID</b> <i>not in use in this version</i>	nvarchar(255)	510	NOT NULL	
	<b>Right</b> <i>Capitalized Word to define the right. Only "Read" or "Write".</i>	nvarchar(255)	510	NOT NULL	
	<b>ReadCommentMandatory</b> <i>Boolean to requird a comment for every read action in this scope.</i>	int	4	NOT NULL	
	<b>WriteCommentMandatory</b> <i>Boolean to requird a comment for every write action in this scope.</i>	int	4	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_rRights_PK	RightKey	True
	IX_rRights_UserKey	UserKey	

### Triggers

Name	ANSI Nulls On	Quoted Identifier On	On
<b>mq_t_trUserRights_from_trRights</b> <i>Trigger to start materialize effectiv Userights on every INSERT, UPDATE, DELETE on system.trRights.</i>	True	True	After Delete Insert Update

## Extended Properties

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Name	Level 2 Type	Level 2 Name	Value
SX_Module			CORE
SX_Owner			OCT.core
SX_ShipmentFlag			1
SX_Module	TRIGGER	mqt_trUserRights_from_trRights	CORE
SX_Owner	TRIGGER	mqt_trUserRights_from_trRights	OCT.core
SX_ShipmentFlag	TRIGGER	mqt_trUserRights_from_trRights	1

## Uses

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system

## Used By


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[dbo].[sx\_pf\_DELETE\_Factory]  
[dbo].[sx\_pf\_DELETE\_ProductLine]  
[dbo].[sx\_pf\_DELETE\_Right]  
[dbo].[sx\_pf\_MOVE\_Factory]  
[dbo].[sx\_pf\_MOVE\_ProductLine]  
[system].[spCOPY\_User]  
[system].[spDELETE\_User]  
[system].[spMaterialize\_trUserRights]  
[system].[spPOST\_Right]  
[system].[spPOST\_User]


 **[system].[trUser]**
**MS\_Description**

Table to store user of OCT.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	<b>UserKey</b> <i>Technical primary Key for row identity.</i>	int	4	NOT NULL	1 - 1
	<b>UserName</b> <i>Username for login - usually an User with Domain e.g. SX\GTA or an email Address.</i>	nvarchar(255)	510	NOT NULL	
	<b>PersonSurname</b> <i>Surname of the User - optional.</i>	nvarchar(255)	510	NOT NULL	
	<b>PersonFirstName</b> <i>FirstName of the User - optional.</i>	nvarchar(255)	510	NOT NULL	
	<b>Email</b> <i>Email Address of the User - optional.</i>	nvarchar(255)	510	NOT NULL	
	<b>LDAPIP</b> <i>LDAPIP.</i>	nvarchar(255)	510	NOT NULL	
	<b>Status</b> <i>Status of the user account. Capitalized word - may be "Active" or "Inactive".</i>	nvarchar(255)	510	NOT NULL	
	<b>DataFlowRightsCODE</b> <i>CODE Word for the DataFlow Rights of the user (DESIGNER, EXECUTOR, NONE).</i>	nvarchar(255)	510	NOT NULL	
	<b>VisualizationRightsCODE</b> <i>CODE Word for the Visualization Rights of the user (DESIGNER, VIEWER, NONE).</i>	nvarchar(255)	510	NOT NULL	
	<b>IsAdministratorFlag</b> <i>Value 0/1 to flag if this user is an administrator of this OCT Database.</i>	bit	1	NOT NULL	

**Indexes**

Key	Name	Key Columns	Unique
	PK_rUser_PK	UserKey	True

**Triggers**

Name	ANSI Nulls On	Quoted Identifier On	On
<b>mqt_trUserRights_from_trUser</b> <i>Trigger to start materialize effective Userrights on every INSERT, UPDATE, DELETE on system.trUser.</i>	True	True	After Delete Insert Update

## Permissions

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Type	Action	Owning Principal
Grant	SELECT	pf_PlanningFactoryService

## Extended Properties

---

Name	Level 2 Type	Level 2 Name	Value
SX_Module			CORE
SX_Owner			OCT.core
SX_ShipmentFlag			1
SX_Module	TRIGGER	mqt_trUserRights_from_trUser	CORE
SX_Owner	TRIGGER	mqt_trUserRights_from_trUser	OCT.core
SX_ShipmentFlag	TRIGGER	mqt_trUserRights_from_trUser	1

## Uses

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system

## Used By

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[dbo].[sx\_pf\_DELETE\_Preference]  
 [dbo].[sx\_pf\_DELETE\_Right]  
 [dbo].[sx\_pf\_GET\_ClusterAccessRight]  
 [dbo].[sx\_pf\_GET\_ClusterValidation]  
 [dbo].[sx\_pf\_GET\_Info\_UserRights]  
 [dbo].[sx\_pf\_POST\_Preference]  
 [system].[pGET\_LicenceInformation]  
 [system].[spCOPY\_User]  
 [system].[spDELETE\_User]  
 [system].[spGET\_DBInfo]  
 [system].[spGET\_User]  
 [system].[spGET\_UserRight]  
 [system].[spGET\_Users]  
 [system].[spMaterialize\_trUserRights]  
 [system].[spPOST\_Right]  
 [system].[spPOST\_User]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]

## [system].[trUserRights]

### MS\_Description

Table to store effective positiv Rights per User for all level. Table will be automaticly managed by calculation proceduer. Use in most outputs, which filter on Userrights.

### Columns

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity
	Row <i>Technical primary Key for row identity.</i>	bigint	8	NOT NULL	1 - 1
	UserKey <i>Technical Key for User.</i>	int	4	NOT NULL	
	UserName <i>Business Key for User</i>	nvarchar(255)	510	NOT NULL	
	FactoryID <i>FactoryID to which the right belongs. Empty FactoryID stands for clusterrights.</i>	nvarchar(255)	510	NOT NULL	
	ProductLineID <i>ProduceLineID to which the right belongs. Empty ProductLineID stands for Factory-Rights.</i>	nvarchar(255)	510	NOT NULL	
	Right <i>Capitalized Word to define the right. Only "Read" or "Write".</i>	nvarchar(255)	510	NOT NULL	
	ReadCommentMandatory <i>Boolean to requird a comment for every read action in this scope.</i>	int	4	NOT NULL	
	WriteCommentMandatory <i>Boolean to requird a comment for every write action in this scope.</i>	int	4	NOT NULL	

### Indexes

Key	Name	Key Columns	Unique
	PK_rUserRights_PK	Row	True

### Permissions

Type	Action	Owning Principal
Grant	SELECT	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE

SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

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system

## Used By

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[control].[pGET\_RightPointSummary]  
 [dbo].[sx\_pf\_DATAOUTPUT\_Balance]  
 [dbo].[sx\_pf\_DATAOUTPUT\_CashValues]  
 [dbo].[sx\_pf\_DATAOUTPUT\_FactorySummary]  
 [dbo].[sx\_pf\_DATAOUTPUT\_TextValues]  
 [dbo].[sx\_pf\_GET\_ClusterWriteRight]  
 [dbo].[sx\_pf\_GET\_Factories]  
 [dbo].[sx\_pf\_GET\_GlobalSearch]  
 [dbo].[sx\_pf\_GET\_Info\_AllGlobalAttributeUsage]  
 [dbo].[sx\_pf\_GET\_Info\_CustomFailureReport]  
 [dbo].[sx\_pf\_GET\_Info\_GlobalAttributeUsage]  
 [dbo].[sx\_pf\_GET\_Info\_SystemFailureReport]  
 [dbo].[sx\_pf\_GET\_Info\_UserRights]  
 [dbo].[sx\_pf\_GET\_Product]  
 [dbo].[sx\_pf\_GET\_ProductLines]  
 [dbo].[sx\_pf\_GET\_Products]  
 [dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
 [dbo].[sx\_pf\_pGET\_FactoryReadRight]  
 [dbo].[sx\_pf\_pGET\_FactoryWriteRight]  
 [dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
 [dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
 [dbo].[sx\_pf\_POST\_Cleanup]  
 [dbo].[sx\_pf\_POST\_Template\_All]  
 [planning].[spGET\_Products\_JSON]  
 [planning].[spGET\_Tree]  
 [planning].[spGET\_Values\_JSON]  
 [planning].[spPOST\_Products\_JSON]  
 [planning].[spPOST\_Values\_JSON]  
 [result].[spDataEntryNumericValues]  
 [result].[spDataEntryProfit]  
 [result].[spEvents]  
 [system].[spGET\_UserRight]  
 [system].[spGET\_UserRightInformation]  
 [system].[spMaterialize\_trUserRights]

 **[system].[tSettings]**
**MS\_Description**

Table to store global database properties.

**Columns**

Key	Name	Data Type	Max Length (Bytes)	Nullability	Identity	Default
	<b>RowKey</b> <i>Technical primary Key for row identity.</i>	int	4	NOT NULL	1 - 1	
	<b>SettingID</b> <i>SettingID as business identifier for the entry.</i>	nvarchar(50)	100	NOT NULL		
	<b>SettingDescription</b> <i>Description or comment of this setting for.</i>	nvarchar(4000)	8000	NOT NULL		
	<b>DataTypeCODE</b> <i>DataTypeCODE of setting that shows which value column is to used and how it should be used. Can be TEXT, DATETIME, BOOLEAN, NUMBER, JSON. See documentation for DataType-Codes.</i>	nvarchar(255)	510	NOT NULL		
	<b>ValueText</b> <i>Text value if value TEXT is set for column DataType, optional to submit default Value ' is set.</i>	nvarchar(4000)	8000	NOT NULL		('')
	<b>ValueDateTime</b> <i>DateTime value if value DATETIME is set for column DataType, optional to submit default Value 1900-01-01 00:00:00.000 is set.</i>	datetime	8	NOT NULL		('1900-01-01 00:00:00.000')
	<b>ValueInt</b> <i>Integer value if value BOOLEAN or NUMBER is set for Column DataType. In Case of Boolean: 0, 1, -1 for false, true and unknown. NUMBER - an Integer Number which must be scaled with column ValueIntScale. Optional to submit default Value 0 is set.</i>	bigint	8	NOT NULL		((0))
	<b>ValueIntScale</b> <i>Integer value of 1 for BOOLEAN value. Value of 1, 10, 100, 10000 for scaling type NUMBER to decimal value -&gt; divide column ValueInt by column ValueIntScale. Optional to submit default Value 1 is set.</i>	int	4	NOT NULL		((1))
	<b>ValueJSON</b> <i>JSON value if DataTypeCODE is set to JSON. Optional to submit default Value ' is set.</i>	nvarchar(max)	max	NOT NULL		('')

	<b>Category</b> <i>Category to group items.</i>	nvarchar(255)	510	NOT NULL		
	<b>ReadOnlySystemPropertyBool</b> <i>Flag to signalize if property is changeable by user or is a Ready Only System Value.</i>	int	4	NOT NULL		

## Indexes

Key	Name	Key Columns	Unique
	PK_tSettings	RowKey	True

## Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

system

## Used By

[planning].[spEXPORT\_Format]  
 [planning].[spEXPORT\_List]  
 [planning].[spEXPORT\_Tab]  
 [system].[pGET\_Setting]  
 [system].[pGET\_Settings]  
 [system].[pPOST\_Setting]  
 [system].[spEXPORT\_Connector]  
 [system].[spEXPORT\_Pipeline]  
 [system].[spEXPORT\_Setting]  
 [system].[spGET\_DBInfo]

 **Views**

Objects

Name
system.vLogEntry <i>View for analysing the LogEntry of PlanningFactory API</i>

 **[system].[vLogEntrys]**
**MS\_Description**

View for analysing the LogEntrys of PlanningFactory API

**Columns**

Name	Data Type	Max Length (Bytes)
Servername <i>Servername</i>	nvarchar(128)	256
ClusterName <i>ClusterName</i>	nvarchar(128)	256
SQLSystemUser <i>SQLSystemUser</i>	nvarchar(255)	510
ServiceUsername <i>ServiceUsername</i>	nvarchar(255)	510
TransactUsername <i>TransactUsername</i>	nvarchar(255)	510
ProcedureName <i>ProcedureName</i>	nvarchar(255)	510
ParameterString <i>ParameterString</i>	nvarchar(max)	max
EffecteRows <i>EffecteRows</i>	int	4
ReturnCode <i>ReturnCode</i>	int	4
TimestampCall <i>TimestampCall</i>	datetime	8
TimestampReturn <i>TimestampReturn</i>	datetime	8
DurationInMilliseconds <i>DurationInMilliseconds, display limited to 10.000</i>	int	4
DurationInSeconds	int	4
Comment	nvarchar(4000)	8000
ProcessCode	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	SELECT	pf_PlanningFactoryService

**Extended Properties**

Name	Value
SX_Module	CORE

SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

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[system].[tAPI\_Log]

system

## **Stored Procedures**

### Objects

Name
<b>agent.pCreateJSONView</b> <i>Procedure to create a helper table for the agent to resolve a JSON Column to single columns</i> - the JSON Column must be named "CustomValuesJSON" - the resulting table will be named agent.v-  JSON_[schema]_[table]
<b>agent.pDeleteIntegrationValues</b> <i>Procedure to delete integration values - switches between executing a special delete procedure or deleting generic over a default procedure.</i>
<b>agent.pDeleteIntegrationValuesGeneric</b> <i>Delete Integration Values Generic</i>
<b>agent.pMaintenanceIndexes</b> <i>Procedure for Maintenance Indexes</i>
<b>agent.pMaintenanceJSONViews</b> <i>Procedure to recreate the views for Tables which contain a CustomValuesJSON columns - for the passend Module and in the integration and global schema.</i>
<b>agent.pMaintenanceRecreateViews</b> <i>Procedure for Maintenance to recreate all Views of a given Module. The Procedure just recreates the View with the existing</i>  <i>definition and changes nothing.</i> <i>It is done, because the View defintion contains an vjson.*</i> <i>column and the * columns are only new refreshed, when the view is recreated.</i>
<b>agent.pPostBulkload</b> <i>Procedure for POST Bulkload</i>
<b>agent.pSync</b> <i>Procedure for Sync</i>
<b>agent.pSyncDimensionToGlobal</b> <i>Procedure for syncing dimension to global</i>
<b>control.pGET_RightPointSummary</b> <i>Procedure to calculate the Rights Credits of an Cluster</i>  - Every User with Cluserwrite Rights gets 2 C Points - Every User with Clusterread Rights gets 1 C Points - Every User with an Write Right on Factory Level gets 2 F Points per Factory - Every User with an Read Right on Factory Level gets 1 Point per Factory - Every User with an Write Right on an ProductLine gets 2 PL Points - Every User with an Read Rights on an ProductLine gets 1 PL Point
<b>control.spParamTables</b> <i>Procedure to auto create param tables from all products in ProductLine PARAM in Factory ZT</i>
<b>control.spSystemFailureReport</b>
<b>dbo.sx_pf_COPY_Factory</b> <i>Procedure to COPY Operation for a Factory</i>
<b>dbo.sx_pf_COPY_Format</b> <i>Procedure for COPY Operation for a Format</i>
<b>dbo.sx_pf_COPY_List</b> <i>Procedure for COPY Operation for a List</i>
<b>dbo.sx_pf_COPY_Product</b>

<i>Procedure to COPY Operation for a Product</i>
<b>dbo.sx_pf_COPY_ProductLine</b> <i>Procedure to COPY Operation for a ProductLine</i>
<b>dbo.sx_pf_COPY_ValueSerie</b> <i>Procedure to COPY Operation for one ValueSerie</i>
<b>dbo.sx_pf_DATAOUTPUT_Balance</b> <i>Procedure to deliver analytic data to the enduser</i>
<b>dbo.sx_pf_DATAOUTPUT_CashValues</b> <i>Procedure to deliver analytic data to the enduser</i>
<b>dbo.sx_pf_DATAOUTPUT_FactorySummary</b> <i>Procedure to deliver analytic data as factory summary</i>
<b>dbo.sx_pf_DATAOUTPUT_TextValues</b> <i>Procedure to deliver analytic data to the enduser</i>
<b>dbo.sx_pf_DELETE_ClusterProperty</b> <i>Deletes a Cluster Property.</i>
<b>dbo.sx_pf_DELETE_Factory</b> <i>Deletes an entire Factory (including ProductLines, Products, Values)</i>
<b>dbo.sx_pf_DELETE_FactoryProperty</b> <i>Deletes an entire Factory Property</i>
<b>dbo.sx_pf_DELETE_Format</b> <i>DELETE Operation for a Format</i>
<b>dbo.sx_pf_DELETE_List</b> <i>DELETE Operation for a List</i>
<b>dbo.sx_pf_DELETE_ListValue</b> <i>Operates over Key, as the ListValue has no ID</i>
<b>dbo.sx_pf_DELETE_Preference</b> <i>DELETE Operation for a Preference</i>
<b>dbo.sx_pf_DELETE_Product</b> <i>Deletes a product and all Values and Attributes</i>
<b>dbo.sx_pf_DELETE_ProductDataTableValues</b> <i>DELETE Operation for all Values of the ProductDateTabele</i>
<b>dbo.sx_pf_DELETE_ProductLine</b> <i>Deletes an entire Product Line (Products, Values, etc.)</i>
<b>dbo.sx_pf_DELETE_ProductLineProperty</b> <i>DELETE Operation for a ProductLineProperty</i>
<b>dbo.sx_pf_DELETE_ProductProperty</b> <i>DELETE Operation for a ProductProperty</i>
<b>dbo.sx_pf_DELETE_Right</b> <i>Deletes a Right of a user, user can therefore also delete its own cluster write and lock yourself out for yourself to!</i>
<b>dbo.sx_pf_DELETE_TimeID</b> <i>DELETE Operation for a TimeID</i>
<b>dbo.sx_pf_DELETE_Value</b> <i>Delete a Value of ValueSeries with specified TimeID</i>
<b>dbo.sx_pf_DELETE_Values</b> <i>Delete all Values of Value Series of Products</i>
<b>dbo.sx_pf_DELETE_ValueSerie</b> <i>Deletes a ValueSerie and changes the Numbers of the other ValueSeries. If Series No 1 is delete, Procedure creates Placeholder in a new ValueSeries 1.</i>
<b>dbo.sx_pf_EXPORT_Factory</b> <i>EXPORT operation of a single Factory, including, properties in gtables, global attributes, ProductLine, products, values, dependend lists which have to be merged in the existing lists during import in two styles. One for import as sql script, one for Import over the GUI Import</i>
<b>dbo.sx_pf_EXPORT_Product</b> <i>Procedure to export one single product, including values, dependend lists, which have to be merged in the existing lists during import in two styles: one for import as sql script, one for Import over the GUI Import</i>

<b>dbo.sx_pf_EXPORT_ProductLine</b> <i>EXPORT operation of a single productline, including properties in gtables, global attributes, products, values, dependend lists,</i> <i>which have to be merged in the existing lists during import in two styles: one for import as sql script, one for Import over the GUI Import</i>
<b>dbo.sx_pf_GET_AllProductListValues</b> <i>GET Operation for all ListValues a product needs for data entry in ProductDataTable</i> <i>containing the GUI defined lists of the products (defined by user c* or solution su*)</i> <i>and the dynamic system lists (sx* - which are editable by the user)</i> <i>and adds interal system lists (sx* - which are not visible on GUI)</i>
<b>dbo.sx_pf_GET_ClusterAccessRight</b> <i>GET operation for User status check on cluster</i> <i>If User has an registered Username and his status is "Active" then Cluster Access Rights</i> <i>are granted. (which still can mean he sees nothing than an empty cluster)</i>
<b>dbo.sx_pf_GET_ClusterProperties</b> <i>GET Operation for Cluster Properties</i>
<b>dbo.sx_pf_GET_ClusterProperty</b> <i>GET Operation for determining a cluster Property</i>
<b>dbo.sx_pf_GET_ClusterValidation</b> <i>Operation to check Cluster</i> <i>Running tests:</i> <i>Lists, which are never used</i> <i>ListMembers, which are never used</i> <i>Lists which are used but dont exists</i> <i>List members which are Used but dont exist</i> <i>Formats which are used but dont exist</i> <i>Formats which are defined but not used</i> <i>count ValueSeries per Product</i> <i>count ValuesPer Product</i> <i>User must be active to run tests</i>
<b>dbo.sx_pf_GET_ClusterWriteRight</b> <i>GET Operation for Write Rights on a Cluster</i> <i>Returns 200 if User has ClusterWriteRights</i>
<b>dbo.sx_pf_GET_Factories</b> <i>GET Operation for all eligible Factories</i> <i>Returns the list of all the factories, for which the user has rights</i>
<b>dbo.sx_pf_GET_Factory</b> <i>GET Operation for one Factory</i> <i>Delivers all informations about one factory</i>
<b>dbo.sx_pf_GET_FactoryProperties</b> <i>GET Operation for determining a Factory Properties</i>
<b>dbo.sx_pf_GET_FactoryProperty</b> <i>GET Operation for determining a Factory Property</i>
<b>dbo.sx_pf_GET_FlexAction</b> <i>GET Operation for receiving a filterd context sensitiv List with dynamic column count</i> <i>The first column is sended back with POST_FlexAction as idenitfier for a</i> <i>database action</i>
<b>dbo.sx_pf_GET_FlexDrill</b> <i>GET Operation for receiving a context sensitiv List</i> <i>API delivers List Values fitting to the sended context Parameters</i> <i>Procedure must be editend to fit user needs and recreated after each API</i> <i>Update</i> <i>When updating this procedure, you must reset the rights for it</i>
<b>dbo.sx_pf_GET_FlexList</b> <i>GET Operation for receiving a context sensitiv List</i> <i>API delivers List Values fitting to the sended context Parameters</i>

Update	Procedure must be editend to fit user needs and recreated after each API
	When updating this procedure, you must reset the rights for it
<b>dbo.sx_pf_GET_Format</b> GET Operation for a Format	
<b>dbo.sx_pf_GET_Formats</b> GET Operation for all Formats in Cluster	
<b>dbo.sx_pf_GET_GlobalSearch</b> GET Operation for receiving full text search results for a given textstring Search will be done in all DataFactory Elements	
<b>dbo.sx_pf_GET_HTMLPage</b> GET Operation for HTML Page-only used up to Version 5.4.2, than replaced by planning.tTabs	
<b>dbo.sx_pf_GET_HTMLPages</b> GET Operation for a List of all HTML Pages	
<b>dbo.sx_pf_GET_Info_AllGlobalAttributeUsage</b> GET Operation for cross query of ALL attributes usage	
<b>dbo.sx_pf_GET_Info_CustomFailureReport</b> GET Operation for CustomFailureReport - Can be called as Factory Tab - Can be called on ZT Factory Tab for all Factories with rights - Returns always at least one row	
<b>dbo.sx_pf_GET_Info_GlobalAttributeUsage</b> GET Operation for cross query of attribute usage	
<b>dbo.sx_pf_GET_Info_Monitoring</b> GET Operation for monitoring Properties	
<b>dbo.sx_pf_GET_Info_NextFreeFactoryID</b> GET Operation for the next free FactoryID Returns the next numeric ID or the number 1 if other FactoryIDs are non-numeric	
<b>dbo.sx_pf_GET_Info_NextFreeProductID</b> GET Operation for the next free ProductID Returns for numeric ID the next number for ProductLines with only string IDs the number 1	
<b>dbo.sx_pf_GET_Info_NextFreeProductLineID</b> GET Operation for the next free ProductLineID Returns the next numeric ID or the number 1 if other ProductLineIDs are non-numeric	
<b>dbo.sx_pf_GET_Info_SystemFailureReport</b> GET Operation for SystemFailureReport - Can be called as Factory Tab - Can be called on ZT Factory Tab for all Factories with rights	
<b>dbo.sx_pf_GET_Info_UserRights</b> GET Operation for UserRight Overview Route @FactoryID, @ProductLineID only Dummy Parameter to call over csv Works only for Clusteradmins	
<b>dbo.sx_pf_GET_List</b> GET Operation for a List Shows the properties of one List This procedure dont shows internal system lists	
<b>dbo.sx_pf_GET_Lists</b> GET Operation for all GUI Lists in Cluster Internal system lists are not shown	
<b>dbo.sx_pf_GET_ListValues</b> GET Operation for all List Values - shows values of all GUI Lists	

<i>other lists</i>	<i>- shows values of the internal list "sxScales", as this list is need for the</i>
<b>dbo.sx_pf_GET_Preference</b> <i>GET Operation for Prefences</i>	<i>- Preferences may exist for the Cluster, for Factories or for ProductLines -</i>
<i>all in the same table</i>	<i>- Preferences may be userdepended or not, if not they are saved for the</i>
<i>PreferenceUserName "All"</i>	
<b>dbo.sx_pf_GET_Product</b> <i>GET Operation for Product</i>	
<b>dbo.sx_pf_GET_ProductDataTableValues</b> <i>GET Operation for all Values of ProductDataTable</i>	
<b>dbo.sx_pf_GET_ProductLine</b> <i>GET Operation for ProductLine</i>	<i>Provides complete information about a Product Line</i>
<b>dbo.sx_pf_GET_ProductLineProperties</b> <i>GET Operation for determination of all properties of ProductLine</i>	
<b>dbo.sx_pf_GET_ProductLineProperty</b> <i>GET Operation for determining a ProductLine Property</i>	
<b>dbo.sx_pf_GET_ProductLines</b> <i>GET Operation for ProductLines</i>	<i>A: returns the ProductLines for a single Factory</i> <i>B: returns all ProductLines when Factory ' is requested</i>
<b>dbo.sx_pf_GET_ProductProperties</b> <i>GET Operation for identifying all Properties of Products</i>	
<b>dbo.sx_pf_GET_ProductProperty</b> <i>GET Operation for determining a ProductProperty</i>	
<b>dbo.sx_pf_GET_ProductRanges</b> <i>Procedure to GET all ProductRanges for an Product</i>	
<b>dbo.sx_pf_GET_Products</b> <i>GET Operation for all Product of ProductLine</i>	
<b>dbo.sx_pf_GET_Statements</b> <i>GET Operation for all Statements of Products</i>	
<b>dbo.sx_pf_GET_TimeIDs</b> <i>GET Operation for all TimeIDs of ValueSeries</i>	
<b>dbo.sx_pf_GET_Value</b> <i>GET Operation for a Value</i>	
<b>dbo.sx_pf_GET_Values</b> <i>GET Operation for all Values of ValueSeries</i>	
<b>dbo.sx_pf_GET_ValueSerie</b> <i>GET Operation for all ValueSerie</i>	
<b>dbo.sx_pf_GET_ValueSeries</b> <i>GET Operation for all ValueSeries of Product</i>	
<b>dbo.sx_pf_MOVE_Factory</b> <i>MOVE Operation for a Factory</i>	<i>Factory moved by the update IDs without key change</i>
<b>dbo.sx_pf_MOVE_Format</b> <i>Move Operation for a Format - all objects, which an FormatID are switched to use a new FormatID.</i>	<i>Replace the OldFormatID with the new FormatID in planning.tdValueSeries</i> <i>Replace the OldFormatID with the new FormatID in planning.thListValues</i> <i>Delete the OldFormatID in planning.thFormats</i>
<b>dbo.sx_pf_MOVE_List</b> <i>Move Operation for a List</i>	<i>The Procedure will change the OldListID into the NewListID in tables:</i> <i>planning.tdValueSeries, column ValueListID</i>

<p><i>planning.tdProductLines, columns GlobalAttributeSource 1..25</i></p> <p><i>create members from OldListID in NewListID if they dont exist there</i></p> <p><i>(for Lists of Type string compare and create ValueText, for Lists of Type Integer compare and create Value-Int)</i></p> <p><i>delete the OldListID in planning.thLists</i></p> <p><i>delete the Old List Values in planning.thListValues</i></p>	
<p><b>dbo.sx_pf_MOVE_Product</b></p> <p><i>Move Operation for a Product</i></p> <p><i>Product moved by ID update</i></p>	
<p><b>dbo.sx_pf_MOVE_ProductLine</b></p> <p><i>MOVE Operation for a ProductLine</i></p> <p><i>ProductLine moved by the update IDs without key change</i></p>	
<p><b>dbo.sx_pf_MOVE_ValueSeries</b></p> <p><i>Move Operation for one ValueSeries</i></p> <p><i>The ValueSeries will be moved to a new ID, only if this ID is free</i></p> <p><i>Works only inside one Product</i></p>	
<p><b>dbo.sx_pf_pGET_ClusterPropertiesReadRight</b></p> <p><i>GET Operation for read right on Clusterlevel</i></p> <p><i>Needs already resolved Transaktionsuser, therefore PRIVATE</i></p> <p><i>!</i></p> <p><i>Returns in case of read rights for this user 200, else 401</i></p> <p><i>Read rights have all user which have got read rights in OCT</i></p> <p><i>Usermanagement or have the privileged OCT database roles (FactoryService, db_owner)</i></p> <p><i>This procedure is always called after determination of the</i></p> <p><i>@Transactusername over function dbo.sx_pf_Determine_Transactusername,</i></p> <p><i>therefore it is already ensured that</i></p> <p><i>- the delivered username is an active user from OCT</i></p> <p><i>Usermangement or a user with privileged role</i></p> <p><i>The Procedure therefore always return 200, except the</i></p> <p><i>@Transactusername is '403', which is the return code in case of no access,</i></p> <p><i>which was not handle als exception in the calling procedure</i></p>	
<p><b>dbo.sx_pf_pGET_ClusterWriteRight</b></p> <p><i>GET Operation for Write Rights on Cluster</i></p> <p><i>Needs already a validated Transactionsuser !</i></p> <p><i>Returns for OCT Clusteradmins and privileged role member</i></p> <p><i>200</i></p>	
<p><b>dbo.sx_pf_pGET_FactoryReadRight</b></p> <p><i>GET Operation for read right on a Factory</i></p> <p><i>Needs an already resolved Transactuser !</i></p> <p><i>Returns 200 in case of Read Rights. User with write rights are</i></p> <p><i>also returned with 200</i></p>	
<p><b>dbo.sx_pf_pGET_FactoryWriteRight</b></p> <p><i>GET Operation for Write Rights on a Factory</i></p> <p><i>Needs already resolved Transactuser !</i></p> <p><i>Returns on success 200</i></p>	
<p><b>dbo.sx_pf_pGET_ProductLineReadRight</b></p> <p><i>GET Operation for Read Rights on a ProductLine</i></p> <p><i>Needs already resolved Transactionuser !</i></p> <p><i>Returns on success 200 for Users with Read or Write Rights</i></p>	
<p><b>dbo.sx_pf_pGET_ProductLineWriteRight</b></p> <p><i>GET Operation for Write Rights on ProductLine</i></p> <p><i>Needs already a Transactionsuser !</i></p> <p><i>Returns for User with Write Rights 200</i></p>	
<p><b>dbo.sx_pf_POST_Cleanup</b></p> <p><i>Cleanup Operation, which will clean the values in planning.tfValues for a given scope.</i></p>	
<p><b>dbo.sx_pf_POST_ClusterProperty</b></p>	

<p><i>POST Operation for a ClusterProperty</i></p> <p><i>A not existing Property will be created, an existing Property will be updated</i></p> <p><i>If the value &lt;#NV&gt; is passed as parameter, it means keep the existing value</i></p>
<p><b>dbo.sx_pf_POST_Factory</b></p> <p><i>POST Operation for a Factory</i></p> <p><i>Not existing Factories are created, existing updated</i></p> <p><i>If attributes passed with value &lt;#NV&gt;, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty</i></p>
<p><b>dbo.sx_pf_POST_FactoryProperty</b></p> <p><i>POST Operation for a FactoryProperty</i></p> <p><i>Not existing Property will be created, existing updated.</i></p> <p><i>If attributes passed with value &lt;#NV&gt;, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty</i></p>
<p><b>dbo.sx_pf_POST_FlexAction</b></p> <p><i>POST Operation for sending FlexAction Parameter</i></p> <p><i>Procedure must be editend to fit user needs and recreated after each API Update.</i></p>
<p><b>dbo.sx_pf_POST_Format</b></p> <p><i>POST Operation for Format</i></p> <p><i>Not existing Format will be created, existing updated.</i></p> <p><i>If attributes passed with value &lt;#NV&gt;, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty</i></p>
<p><b>dbo.sx_pf_POST_HTMLPage</b></p> <p><i>POST Operation for an HTML Page</i></p>
<p><b>dbo.sx_pf_POST_List</b></p> <p><i>POST Operation for a List</i></p> <p><i>Not existing Format will be created, existing updated.</i></p> <p><i>If attributes passed with value &lt;#NV&gt;, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty</i></p>
<p><b>dbo.sx_pf_POST_ListValue</b></p> <p><i>POST Operation for ListValue</i></p> <p><i>Not existing ListValue will be created, existing updated.</i></p> <p><i>This procedure allows to pass a Key value, as there is no ID for a ListValue</i></p>
<p><b>dbo.sx_pf_POST_Preference</b></p> <p><i>POST Operation for Preference</i></p> <p><i>Not existing Preference will be created, existing updated.</i></p>
<p><b>dbo.sx_pf_POST_Product</b></p> <p><i>POST Operation for one Product</i></p> <p><i>Not existing Product will be created if it exists in ZT Factory. Existing Product updated</i></p> <p><i>If attributes passed with value &lt;#NV&gt;, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty</i></p>
<p><b>dbo.sx_pf_POST_ProductDataTableValues</b></p> <p><i>POST Operation for all values of the ProductDataTable</i></p> <p><i>The method can be switched between incremental POST and full POST</i></p>
<p><b>dbo.sx_pf_POST_ProductEmpty</b></p> <p><i>POST Operation for one empty Product</i></p> <p><i>Not existing Product will be created, existing gets an Update</i></p> <p><i>If attributes passed with value &lt;#NV&gt;, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty</i></p> <p><i>If product will have no TimeIDs, as it has no values</i></p> <p><i>If product will have no ValueSeries, when created new</i></p>
<p><b>dbo.sx_pf_POST_ProductLine</b></p> <p><i>POST Operation for ProductLine</i></p> <p><i>Not existing ProductLine will be created, existing gets an Update</i></p> <p><i>If attributes passed with value &lt;#NV&gt;, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty</i></p>
<p><b>dbo.sx_pf_POST_ProductLineProperty</b></p> <p><i>POST Operation for ProductLineProperty</i></p>

<p><i>Not existing ProductLine will be created, existing gets an Update</i></p> <p><i>If attributes passed with value &lt;#NV&gt;, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty</i></p>
<p><b>dbo.sx_pf_POST_ProductProperty</b>  <i>POST Operation for ProductProperty</i></p> <p><i>Not existing ProductLine will be created, existing gets an Update</i></p> <p><i>If attributes passed with value &lt;#NV&gt;, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty</i></p>
<p><b>dbo.sx_pf_POST_Statement</b>  <i>POST Operation for a new Statement</i></p> <p><i>A Statement can only created, there is no Update or Delete</i></p>
<p><b>dbo.sx_pf_POST_Template</b>  <i>POST Operation to apply a template (again) on a Product</i></p> <p><i>Existing Values in the Product will be saved, new/other logic will be added</i></p> <p><i>It means the Template inherits its properties again to the object</i></p>
<p><b>dbo.sx_pf_POST_Template_All</b>  <i>/*</i></p> <p><i>POST Operation to apply a template (again) to many Products</i></p>
<p><b>dbo.sx_pf_POST_TimeID</b>  <i>POST Operation for TimeID</i></p> <p><i>Create new TimeID</i></p>
<p><b>dbo.sx_pf_POST_Timeline</b>  <i>POST Operation for the Timeline</i></p> <p><i>The method can be switched between incremental POST and full POST</i></p> <p><i>Values with DeleteFlag will be deleted</i></p>
<p><b>dbo.sx_pf_POST_Value</b>  <i>POST Operation for Value</i></p> <p><i>The Value will be deleted and writen new</i></p>
<p><b>dbo.sx_pf_POST_ValueSerie</b>  <i>POST Operation for one ValueSeries</i></p> <p><i>Operation will create a ValueSeries if it not exist</i></p> <p><i>It will change an existing ValueSeries</i></p> <p><i>Works under the assumption, that the ValueSeries ID is not changed ! The ID is used to identify the value-Series</i></p>
<p><b>dbo.sx_pf_pPOST_API_LogEntry</b>  <i>Internal POST Operation for one API LogEntry, always caused, when a public procedure is called</i></p>
<p><b>global.spDELETE_Code</b>  <i>Procedure to DELETE Codes.</i></p> <p><i>Can be controled over parameter. ModuleID must be passed</i></p> <ol style="list-style-type: none"> <li><i>1. LanguageID = " -&gt; deletes all Languages</i></li> <li><i>2. LanguageID = 'DE' -&gt; Deletes only German</i></li> <li><i>3. CODE = " -&gt; deletes all Codes</i></li> <li><i>4. CODE = 'XX' -&gt; deletes only this code</i></li> </ol> <p><i>Pre / Post Extension possible.</i></p>
<p><b>global.spDELETE_Company</b>  <i>Procedure to delete a company - as company and all data which are accociated with this company.</i></p>
<p><b>global.spGET_Codes</b>  <i>Procedure to GET Codes. Parameters can be used to filter output.</i></p> <ol style="list-style-type: none"> <li><i>1. ModuleID = " -&gt; all Modules</i></li> <li><i>2. ModuleID = '[XX]' -&gt; specific Module</i></li> <li><i>3. LanguageID = " all Languages</i></li> <li><i>4. LanguageID = '[XX]' -&gt; specific Language</i></li> </ol> <p><i>Pre / Post Extensions possible.</i></p>
<p><b>global.spGET_Companies</b>  <i>Procedure to get one or all companies of a datasource</i></p>
<p><b>global.spPOST_Code</b></p>

<i>Procedure to POST Codes. Pre / Post Extension possible.</i>
<b>global.spPOST_Company</b> <i>Procedure save / edit Companies.</i>
<b>import.spPOST_dFactories</b> <i>Import all values from load.tdFactories with specific load-procedure as source</i>
<b>import.spPOST_dProductLines</b> <i>Import all values from load.tdProductLines with specific load-procedure as source</i>
<b>import.spPOST_dProducts</b> <i>Import all values from load.tdProducts with specific load-procedure as source</i>
<b>import.spPOST_dTime</b> <i>Import all values from load.tfValues with specific load-procedure as source</i>
<b>import.spPOST_dValueSeries</b> <i>Import ValueSeries from load.tdValueSeries with specific load-procedure as source</i>
<b>import.spPOST_fValues</b> <i>Import all values from load.tfValues with specific load-procedure as source</i>
<b>import.spPOST_fValuesPDTV</b> <i>Import values from load.tfValues with specific load-procedure as source</i>
<b>import.spPOST_rRights</b> <i>Import rights from loadtable with specific load-procedure as source</i>
<b>import.spPOST_rUser</b> <i>Import User from load.trUser</i>
<b>integration.pGetLastDeltaValues</b> <i>Procedure to get last Delta Load Timestamp per Accounting Area</i>
<b>planning.spCOPY_Tab</b> <i>Procedure to Copy a Tab - inside an object or to a different. The copied tab is always puted at the end.</i>
<b>planning.spDELETE_File</b> <i>Procedure to delete exists file</i>
<b>planning.spDELETE_Tab</b> <i>Procedure to delete a Tab.</i>
<b>planning.spEXPORT_Format</b> <i>Procedure to create an SQL Script, which imports a Format in OCT.</i>
<b>planning.spEXPORT_List</b> <i>Procedure to create an SQL Script, which imports a List in OCT.</i>
<b>planning.spEXPORT_Tab</b> <i>Procedure to create an SQL Script, which imports a Tab in OCT.</i>
<b>planning.spGET_EnduserObjects</b> <i>Procedure delivers List of all Objects, which are useful for enduser analytics.</i>
<b>planning.spGET_File</b> <i>Procedure to Return body and file name of existing file</i>
<b>planning.spGET_FileList</b> <i>Procedure to Return list of existing files on a product</i>
<b>planning.spGET_Index_JSON</b> <i>Procedure to GET the Structure of Planning Objects</i> <i>FactoryID and ProductLineID can be passed in as single Value or as empty string for all</i>
<b>planning.spGET_Products_JSON</b> <i>Procedure returns an in JSON Format requested Productarray as Recordset.</i>
<b>planning.spGET_Tabs</b> <i>Procedure to get the Tabs for given planning Tree object. This may be the root level (Cluster), a Factory, a ProductLine or a Product.</i>
<b>planning.spGET_Tree</b> <i>Returns the Tree of all planning object - Factories/ProductLines/Products</i>
<b>planning.spGET_Values_JSON</b> <i>Procedure to GET Values in JSON Format for MatrixConnector</i>
<b>planning.spMOVE_Tab</b> <i>Procedure to Move a Tab to a different ID and different OrderIndex. The requested TabID must be free. The</i>

<i>requested Orderposition may be in use, reordering is done automaticly.</i> <i>To put a tab to the end, any high order number (like 100) can be submitted. The Tab with ID 0 can't be moved.</i>
<b>planning.spPOST_File</b> <i>Procedure to store a new file or change an existing file</i>
<b>planning.spPOST_FileFromPath</b> <i>Procedure to Create new file or change exists file from a local SQL Server filepath or shared folder path</i> <i>File must exists and can't be empty.</i> <i>File extensions extracted from @FilePath.</i>
<b>planning.spPOST_Products_JSON</b> <i>Procedure to POST Values in JSON Format</i>
<b>planning.spPOST_Tab</b> <i>Procedure to POST a Tab. The Tab with ID 0 is the special system tab, but does not get special handling in databae.</i>
<b>planning.spPOST_Values_JSON</b> <i>Procedure to POST Values in JSON Format</i>
<b>result.spDataEntryNumericValues</b> <i>Procedure to deliver all numeric values of data entry products to the enduser.</i>
<b>result.spDataEntryProfit</b> <i>Procedure to deliver analytic data of data entry products to the enduser.</i>
<b>result.spEvents</b> <i>Procedure to deliver analytic data to the enduser</i> <i>Events must have ValueSeriesID "E" and Bemerkungen ValueSeriesID "BEM"</i>
<b>system.pGET_LicenceInformation</b> <i>Description: Stored Procedure to retrieve the licence information from the database.</i>
<b>system.pGET_Setting</b> <i>Procedure to read one setting. To read all settings, use system.pGETSettings.</i>
<b>system.pGET_Settings</b> <i>pGET_Settings</i>
<b>system.pPOST_ProcessLogEntry</b> <i>Description: Stored Procedure to save a process log entry. For every call a new entry is created.</i>
<b>system.pPOST_Setting</b> <i>pPOST_Setting</i>
<b>system.spCOPY_Dashboard</b> <i>Copy Operation for a Dashboard</i> <i>a new Dashboard will be created as copy of an existing Dashboard.</i>
<b>system.spCOPY_Pipeline</b> <i>Procedure to copy a Pipeline - including its steps and schedules</i>
<b>system.spCOPY_PipelineStep</b> <i>Procedure to copy a Pipeline - including its steps and schedules</i>
<b>system.spCOPY_Report</b> <i>Copy Operation for a Report</i> <i>a new Report will be created as copy of an existing Report.</i>
<b>system.spCOPY_User</b> <i>Copy Operation for a User</i> <i>a new user will be created as copy of an existing user. Rights are copied, user attributes are not copied, user will be set to active.</i>
<b>system.spDELETE_Connector</b> <i>Procedure to delete a Pipeline including steps and schedules.</i>
<b>system.spDELETE_Dashboard</b>
<b>system.spDELETE_DataSource</b> <i>Procedure to delete a Datasouce - the data from its proceeded companies is deleted in all tables with Columns DatasourceKey or CompanyKey too, but the datasource is kept in Process Steps.</i>
<b>system.spDELETE_Icon</b> <i>Return code 200 if file exists and was deleted succesful</i>

<b>system.spDELETE_LogicIndexItem</b> <i>spDELETE_LogicIndexItem</i>
<b>system.spDELETE_Pipeline</b> <i>Procedure to delete a Pipeline including steps and schedules.</i>
<b>system.spDELETE_PipelineSchedule</b> <i>Procedure to delete a schedule.</i>
<b>system.spDELETE_PipelineStep</b> <i>Procedure to delete a step of a Pipeline.</i>
<b>system.spDELETE_Report</b> <i>Procedure to delete an Report.</i>
<b>system.spDELETE_User</b> <i>Deletes a User with all his rights. A cluster administrator cant delete himself</i>
<b>system.spEXPORT_Connector</b> <i>Procedure to create an SQL Script, which imports a connector with all steps in OCT.</i>
<b>system.spEXPORT_Pipeline</b> <i>Procedure to create an SQL Script, which imports a pipeline with all steps in OCT.</i>
<b>system.spEXPORT_Setting</b> <i>Procedure to create an SQL Script, which imports an Setting in OCT.</i>
<b>system.spGET_APILog</b> <i>Procedure returns the last @RowCount Rows from the API Log table</i>
<b>system.spGET_Connector</b> <i>Procedure to get one or all ConnectorQueries.</i>
<b>system.spGET_ConnectorQuery</b> <i>Procedure to get one or all ConnectorQueries.</i>
<b>system.spGET_ConnectorQueryFields</b> <i>Procedure to get one or all ConnectorQueries.</i>
<b>system.spGET_ConnectorTree</b> <i>Procedure to get one or all Connectors.</i>
<b>system.spGET_Dashboards</b> <i>Procedure returns all Dashboards (without Layout), or one Dashboard (with Layout)</i>
<b>system.spGET_DatabaseRoles</b> <i>Returns the roles of the executing user.</i>
<b>system.spGET_DataSources</b> <i>Prozedur gibt eine oder all Datasources zurück.</i>
<b>system.spGET_DBInfo</b> <i>Procedure to get a collection of database informations. Pass the Clientusername SQL to request the rights of the service.</i>
<b>system.spGET_Emails</b> <i>Procedure to get one or all Emails.</i>
<b>system.spGET_Icons</b> <i>Procedure to get a single icon or all</i>
<b>system.spGET_LogicIndexItems</b> <i>spGET_LogicIndexItems</i>
<b>system.spGET_ObjectTree</b> <i>Procedure to create an object tree as list of all database objects with its metadata. The owner and shipment status of the objects</i>  <i>will control update processes etc.</i>
<b>system.spGET_PipelineLog</b> <i>Procedure to get all or filterd log data for Pipelines.</i>
<b>system.spGET_Pipelines</b> <i>Procedure to get one or all Pipelines.</i>
<b>system.spGET_PipelineSchedules</b> <i>Procedure returns one or all schedules of a given pipeline.</i>
<b>system.spGET_PipelineStepLog</b> <i>Prozedur ot GET all or filterd StepLog Data</i>

<b>system.spGET_PipelineSteps</b> <i>Procedure returns one or all steps of a given pipeline.</i>
<b>system.spGET_ProcessLog</b> <i>Procedure to return the last @RowCount rows from the process log table</i>
<b>system.spGET_Reports</b> <i>Procedure returns all reports (without Layout), or one Report (with Layout)</i>
<b>system.spGET_User</b> <i>GET Operation for a User</i>
<b>system.spGET_UserRight</b> <i>GET Operation for User rights</i>
<b>system.spGET_UserRightInformation</b> <i>Procedure to get right informations for an User - returns the Right as String - Read, Write, EXECUTE,DESIGN</i>
<b>system.spGET_Users</b> <i>GET Operation to read all Users, only allowed for Clusteradmin.</i>
<b>system.spMaterialize_trUserRights</b> <i>Procedure to materialize effectiv Userrights on all levels from trUser and trRights, which save only highest level. Procedure will be triggered from any action on tables trUser and trRights.</i>
<b>system.spMOVE_Pipeline</b> <i>Procedure to move a Pipeline to a different ID.</i>
<b>system.spPOST_Connector</b> <i>Procedure to POST a Connector.</i>
<b>system.spPOST_ConnectorQuery</b> <i>Procedure to POST a Connector Query.</i>
<b>system.spPOST_Dashboard</b> <i>Procedure POST a Dashboard Definition.</i>
<b>system.spPOST_DataSource</b> <i>Procedure to POST a DataSource.</i>
<b>system.spPOST_Email</b> <i>Procedure to POST a Email.</i>
<b>system.spPOST_Icon</b> <i>spPOST_Icon</i>
<b>system.spPOST_LogicIndexItem</b> <i>Procedure to POST an LogicIndexItem. Every activation of an module will call this procedure so save the information that this module in that version was activated on a certain day.</i>
<b>system.spPOST_Pipeline</b> <i>Procedure to POST a Pipeline.</i>
<b>system.spPOST_PipelineLog</b> <i>Procedure to POST an Logentry for an Pipeline</i>
<b>system.spPOST_PipelineSchedule</b> <i>Procedure to call demo values.</i>
<b>system.spPOST_PipelineStep</b> <i>Procedure to POST a Pipeline step, optional Parameter can be skiped, which will keep existing values.</i>
<b>system.spPOST_PipelineStepLog</b> <i>Procedure to POST Step LogEntries</i>
<b>system.spPOST_Report</b> <i>Procedure POST a Report Definition.</i>
<b>system.spPOST_Right</b> <i>POST Operation for UserRight UserRight will be created always, not fitting other rights will be deleted to ensure enheritance</i>
<b>system.spPOST_User</b> <i>POST Operation for a User Not existing User will be created, existing one updated If attributes passed with value &lt;#NV&gt;, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty</i>



 **[agent].[pCreateJSONView]**
**MS\_Description**

Procedure to create a helper table for the agent to resolve a JSON Column to single columns

- the JSON Column must be named "CustomValuesJSON"
- the resulting table will be named agent.vJSON\_[schema]\_[table]

**Parameters**

Name	Data Type	Max Length (Bytes)
<b>@Username</b> <i>the users name</i>	nvarchar(255)	510
<b>@Schema</b> <i>the schemas name</i>	nvarchar(50)	100
<b>@Table</b> <i>name of the table</i>	nvarchar(50)	100
<b>@UseRowKey</b> <i>use row key</i>	int	4
<b>@ProcessID</b> <i>ProcessID</i>	nvarchar(50)	100
<b>@SubProcessID</b> <i>SubProcessID</i>	nvarchar(50)	100

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[system].[pPOST\_ProcessLogEntry]  
 [system].[fGetColumns]  
 agent

**Used By**

[agent].[pMaintenanceJSONViews]

## [agent].[pDeleteIntegrationValues]

### MS\_Description

Procedure to delete integration values - switches between executing a special delete procedure or deleting generic over a default procedure.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>User name</i>	nvarchar(255)	510
@Solution <i>Name of the solution, e.g. FIN.</i>	nvarchar(50)	100
@CompanyKeys <i>CompanyKeys as semikolon separated list, e.g. 1 22;1 33</i>	nvarchar(max)	max
@PeriodFrom <i>PeriodFrom, e.g. 202201</i>	int	4
@PeriodTo <i>PeriodTo, e.g. 202212</i>	int	4
@MasterDataOnly <i>MasterDataOnly</i>	bit	1
@ProcessID <i>String to name the process - only for logging.</i>	nvarchar(50)	100
@SubProcessID <i>String to name the subprocess - only for logging.</i>	nvarchar(50)	100
@IsDeltaloadBool <i>Flag if Delta Load is used.</i>	bit	1

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
agent

## [agent].[pDeleteIntegrationValuesGeneric]

### MS\_Description

Delete Integration Values Generic

### Parameters

Name	Data Type	Max Length (Bytes)
@DataSourceKey <i>DataSourceKey.</i>	int	4
@CompanyID <i>CompanyID</i>	nvarchar(50)	100
@PeriodFrom <i>PeriodFrom</i>	int	4
@PeriodTo <i>PeriodTo</i>	int	4
@MasterDataOnly <i>MasterDataOnly</i>	bit	1
@Username <i>the users name</i>	nvarchar(255)	510
@ProcessID <i>ProcessID</i>	nvarchar(50)	100
@SubProcessID <i>SubProcessID</i>	nvarchar(50)	100
@IsDeltaloadBool <i>IsDeltaloadBool</i>	bit	1
@Solution	nvarchar(50)	100

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[pPOST\_ProcessLogEntry]  
agent

## [agent].[pMaintenanceIndexes]

### MS\_Description

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Procedure for Maintenance Indexes

### Parameters

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Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@Module <i>Module</i>	nvarchar(50)	100
@ProcessID <i>ProcessID</i>	nvarchar(50)	100
@SubProcessID <i>SubProcessID</i>	nvarchar(50)	100

### Extended Properties

---

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

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[system].[pPOST\_ProcessLogEntry]  
agent

### Used By

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[agent].[pPostBulkload]

## [agent].[pMaintenanceJSONViews]

### MS\_Description

Procedure to recreate the views for Tables which contain a CustomValuesJSON columns - for the passend Module and in the integration and global schema.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@Module <i>Module</i>	nvarchar(50)	100
@ProcessID <i>ProcessID</i>	nvarchar(50)	100
@SubProcessID <i>SubProcessID</i>	nvarchar(50)	100

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[agent].[pCreateJSONView]  
[system].[pPOST\_ProcessLogEntry]  
agent

### Used By

[agent].[pPostBulkload]

## [agent].[pMaintenanceRecreateViews]

### MS\_Description

Procedure for Maintenance to recreate all Views of a given Module. The Procedure just recreates the View with the existing

definition and changes nothing.

It is done, because the View definition contains an vjson.\* column and the \* columns are only new refreshed, when the view is recreated.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@Module <i>CODE of the Module, eg. FIN</i>	nvarchar(50)	100
@ProcessID <i>ProcessID - not needed, keep empty.</i>	nvarchar(50)	100
@SubProcessID <i>SubProcessID - not needed, keep empty.</i>	nvarchar(50)	100

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[pPOST\_ProcessLogEntry]  
agent

### Used By

[agent].[pPostBulkload]

 **[agent].[pPostBulkload]**

### MS\_Description

Procedure for POST Bulkload

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@Modules <i>Modules</i>	nvarchar(max)	max
@CompanyKeys <i>CompanyKeys</i>	nvarchar(max)	max
@ProcessID <i>ProcessID</i>	nvarchar(50)	100
@SubProcessID <i>SubProcessID</i>	nvarchar(50)	100

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tProcessLogs]  
[agent].[pMaintenanceIndexes]  
[agent].[pMaintenanceJSONViews]  
[agent].[pMaintenanceRecreateViews]  
[system].[pPOST\_ProcessLogEntry]  
agent

 **[agent].[pSync]**

### MS\_Description

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Procedure for Sync

### Parameters

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Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@Solution <i>Solution</i>	nvarchar(50)	100
@ResultOnly <i>ResultOnly</i>	int	4
@CompanyKeys <i>CompanyKeys</i>	nvarchar(max)	max
@ProcessID <i>ProcessID</i>	nvarchar(50)	100
@SubProcessID <i>SubProcessID</i>	nvarchar(50)	100

### Extended Properties

---

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

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[system].[tProcessLogs]  
[dbo].[sx\_pf\_pProtectInt]  
[dbo].[sx\_pf\_pProtectString]  
agent

## [agent].[pSyncDimensionToGlobal]

### MS\_Description

Procedure for syncing dimension to global

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@CompanyKeys <i>CompanyKeys</i>	nvarchar(max)	max
@TableName <i>TableName</i>	nvarchar(100)	200
@ProcessID <i>ProcessID</i>	nvarchar(50)	100
@SubProcessID <i>SubProcessID</i>	nvarchar(50)	100

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[pPOST\_ProcessLogEntry]  
[system].[fGetColumns]  
agent

## [control].[pGET\_RightPointSummary]

### MS\_Description

---

Procedure to calculate the Rights Credits of an Cluster

- Every User with Cluserwrite Rights gets 2 C Points
- Every User with Clusterread Rights gets 1 C Points
- Every User with an Write Right on Factory Level gets 2 F Points per Factory
- Every User with an Read Right on Factory Level gets 1 Point per Factory
- Every User with an Write Right on an ProductLine gets 2 PL Points
- Every User with an Read Rights on an ProductLine gets 1 PL Point

### Extended Properties

---

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

---

[system].[trUserRights]  
control

## [control].[spParamTables]

### MS\_Description

Procedure to auto create param tables from all products in ProductLine PARAM in Factory ZT

### Parameters

Name	Data Type	Max Length (Bytes)
@ProductID <i>ProductID of an Product in Factory ZT / ProductLine PARAM</i>	nvarchar(255)	510

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdProducts]  
 [planning].[tdValueSeries]  
 [planning].[tfValues]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 control

### Used By

[dbo].[sx\_pf\_POST\_ProductDataTableValues]

## [control].[spSystemFailureReport]

### Parameters

---

Name	Data Type	Max Length (Bytes)
@FactoryID	nvarchar(255)	510
@ProductLineID	nvarchar(255)	510

### Uses

---

[control].[tSystemFailureReport]  
[planning].[tdProductLines]  
[planning].[tdValueSeries]  
[planning].[thFormats]  
[planning].[thLists]  
[planning].[thListValues]  
control

 **[dbo].[sx\_pf\_COPY\_Factory]**
**MS\_Description**

Procedure to COPY Operation for a Factory

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@SourceFactoryID <i>SourceFactoryID</i>	nvarchar(255)	510
@TargetFactoryID <i>TargetFactoryID</i>	nvarchar(255)	510
@TargetFactoryNameShort <i>TargetFactoryNameShort</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tdTime]  
 [planning].[tdValueSeries]  
 [planning].[tFiles]  
 [planning].[tfStatements]  
 [planning].[tfValues]  
 [planning].[tgFactories]  
 [planning].[tgProductLines]  
 [planning].[tgProducts]  
 [planning].[trPreferences]  
 [planning].[tTabs]  
 [dbo].[sx\_pf\_pGET\_ClusterWriteRight]

[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[system].[spMaterialize\_trUserRights]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_COPY\_Format]**

### MS\_Description

Procedure for COPY Operation for a Format

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@SourceFormatID <i>SourceFormatID</i>	nvarchar(255)	510
@TargetFormatID <i>TargetFormatID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[thFormats]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_COPY\_List]**

### MS\_Description

Procedure for COPY Operation for a List

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@SourceListID <i>SourceListID</i>	nvarchar(255)	510
@TargetListID <i>TargetListID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[thLists]  
[planning].[thListValues]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_COPY\_Product]**
**MS\_Description**

Procedure to COPY Operation for a Product

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@SourceFactoryID <i>SourceFactoryID</i>	nvarchar(255)	510
@SourceProductLineID <i>SourceProductLineID</i>	nvarchar(255)	510
@SourceProductID <i>SourceProductID</i>	nvarchar(255)	510
@TargetFactoryID <i>TargetFactoryID</i>	nvarchar(255)	510
@TargetProductLineID <i>TargetProductLineID</i>	nvarchar(255)	510
@TargetProductID <i>TargetProductID</i>	nvarchar(255)	510
@TargetProductNameShort <i>TargetProductNameShort</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tdTime]  
 [planning].[tdValueSeries]  
 [planning].[tFiles]

[planning].[tfStatements]  
[planning].[tfValues]  
[planning].[tgProducts]  
[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_COPY\_ProductLine]

### MS\_Description

Procedure to COPY Operation for a ProductLine

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@SourceFactoryID <i>SourceFactoryID</i>	nvarchar(255)	510
@SourceProductLineID <i>SourceProductLineID</i>	nvarchar(255)	510
@TargetFactoryID <i>TargetFactoryID</i>	nvarchar(255)	510
@TargetProductLineID <i>TargetProductLineID</i>	nvarchar(255)	510
@TargetProductLineNameShort <i>TargetProductLineNameShort</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdTime]  
[planning].[tdValueSeries]  
[planning].[tFiles]  
[planning].[tfStatements]  
[planning].[tfValues]  
[planning].[tgProductLines]  
[planning].[tgProducts]

[planning].[trPreferences]  
[planning].[tTabs]  
[dbo].[sx\_pf\_pGET\_FactoryReadRight]  
[dbo].[sx\_pf\_pGET\_FactoryWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[system].[spMaterialize\_trUserRights]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_COPY\_ValueSerie]

### MS\_Description

Procedure to COPY Operation for one ValueSerie

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@SourceFactoryID <i>SourceFactoryID</i>	nvarchar(255)	510
@SourceProductLineID <i>SourceProductLineID</i>	nvarchar(255)	510
@SourceProductID <i>SourceProductID</i>	nvarchar(255)	510
@SourceValueSeriesID <i>SourceValueSeriesID</i>	nvarchar(255)	510
@TargetFactoryID <i>TargetFactoryID</i>	nvarchar(255)	510
@TargetProductLineID <i>TargetProductLineID</i>	nvarchar(255)	510
@TargetProductID <i>TargetProductID</i>	nvarchar(255)	510
@TargetValueSeriesID <i>TargetValueSeriesID</i>	nvarchar(255)	510
@TargetValueSeriesNameShort <i>TargetValueSeriesNameShort</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]

[planning].[tdProducts]  
[planning].[tdValueSeries]  
[planning].[tfStatements]  
[planning].[tfValues]  
[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_DATAOUTPUT\_Balance]

### MS\_Description

Procedure to deliver analytic data to the enduser

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdValueSeries]  
[planning].[tfValues]  
[planning].[tgValueEffects]  
[system].[trUserRights]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[Week\_of\_Year\_DE]

## [dbo].[sx\_pf\_DATAOUTPUT\_CashValues]

### MS\_Description

Procedure to deliver analytic data to the enduser

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdValueSeries]  
[planning].[tfValues]  
[planning].[tgValueEffects]  
[system].[trUserRights]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[Week\_of\_Year\_DE]

## [dbo].[sx\_pf\_DATAOUTPUT\_FactorySummary]

### MS\_Description

Procedure to deliver analytic data as factory summary

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdValueSeries]  
[planning].[tfValues]  
[planning].[tgValueEffects]  
[system].[trUserRights]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]

## [dbo].[sx\_pf\_DATAOUTPUT\_TextValues]

### MS\_Description

Procedure to deliver analytic data to the enduser

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdValueSeries]  
[planning].[tfValues]  
[system].[trUserRights]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]

## [dbo].[sx\_pf\_DELETE\_ClusterProperty]

### MS\_Description

Deletes a Cluster Property.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@PropertyID <i>PropertyID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tgCluster]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_DELETE\_Factory]

### MS\_Description

Deletes an entire Factory (including ProductLines, Products, Values)

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdTime]  
[planning].[tdValueSeries]  
[planning].[tFiles]  
[planning].[tfStatements]  
[planning].[tfValues]  
[planning].[tgFactories]  
[planning].[tgProductLines]  
[planning].[tgProducts]  
[planning].[trPreferences]  
[planning].[tTabs]  
[system].[trRights]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_DELETE\_FactoryProperty]

### MS\_Description

Deletes an entire Factory Property

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@PropertyID <i>PropertyID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tgFactories]  
[dbo].[sx\_pf\_pGET\_FactoryWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_DELETE\_Format]**

### MS\_Description

DELETE Operation for a Format

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FormatID <i>FormatID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[thFormats]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_DELETE\_List]**

### MS\_Description

DELETE Operation for a List

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ListID <i>ListID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[thLists]  
[planning].[thListValues]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_DELETE\_ListValue]

### MS\_Description

Operates over Key, as the ListValue has no ID

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ListValueKey <i>ListValueKey</i>	int	4

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[thListValues]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_DELETE\_Preference]

### MS\_Description

DELETE Operation for a Preference

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@PreferenceUsername <i>PreferenceUsername</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@SettingName <i>SettingName</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[trPreferences]  
[system].[trUser]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_DELETE\_Product]

### MS\_Description

Deletes a product and all Values and Attributes

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdTime]  
[planning].[tdValueSeries]  
[planning].[tFiles]  
[planning].[tfStatements]  
[planning].[tfValues]  
[planning].[tgProducts]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_DELETE\_ProductDataTableValues]

### MS\_Description

DELETE Operation for all Values of the ProductDateTabele

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@DeleteFormulaFlag <i>DeleteFormulaFlag</i>	int	4

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdProducts]  
[planning].[tdValueSeries]  
[planning].[tfValues]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_DELETE\_ProductLine]

### MS\_Description

Deletes an entire Product Line (Products, Values, etc.)

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdTime]  
[planning].[tdValueSeries]  
[planning].[tFiles]  
[planning].[tfStatements]  
[planning].[tfValues]  
[planning].[tgProductLines]  
[planning].[tgProducts]  
[planning].[trPreferences]  
[planning].[tTabs]  
[system].[trRights]  
[dbo].[sx\_pf\_pGET\_FactoryWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_DELETE\_ProductLineProperty]

### MS\_Description

DELETE Operation for a ProductLineProperty

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@PropertyID <i>PropertyID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tgProductLines]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_DELETE\_ProductProperty]

### MS\_Description

DELETE Operation for a ProductProperty

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@PropertyID <i>PropertyID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tgProducts]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_DELETE\_Right]**
**MS\_Description**

Deletes a Right of a user, user can therefore also delete its own cluster write and lock yourself out for yourself to!

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@DeleteUserName <i>DeleteUserName</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[system].[trRights]  
 [system].[trUser]  
 [dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_DELETE\_TimeID]

### MS\_Description

DELETE Operation for a TimeID

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@TimeID <i>TimeID</i>	int	4

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdTime]  
[planning].[tfValues]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_DELETE\_Value]**
**MS\_Description**

Delete a Value of ValueSeries with specified TimeID

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ValueSeriesID <i>ValueSeriesID</i>	nvarchar(255)	510
@TimeID <i>TimeID</i>	int	4

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tdValueSeries]  
 [planning].[tfValues]  
 [dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_DELETE\_Values]**
**MS\_Description**

Delete all Values of Value Series of Products

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ValueSeriesID <i>ValueSeriesID</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tdValueSeries]  
 [planning].[tfValues]  
 [dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_DELETE\_ValueSerie]

### MS\_Description

Deletes a ValueSerie and changes the Numbers of the other ValueSeries. If Series No 1 is delete, Procedure creates Placeholder in a new ValueSeries 1.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ValueSerieID <i>ValueSerieID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdValueSeries]  
[planning].[tfValues]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_EXPORT\_Factory]

### MS\_Description

EXPORT operation of a single Factory, including, properties in gtables, global attributes, ProductLine, products, values, dependend lists which have to be merged in the existing lists during import in two styles. One for import as sql script, one for Import over the GUI Import

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@OutputForSQLServer <i>OutputForSQLServer</i>	int	4

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdTime]  
[planning].[tdValueSeries]  
[planning].[tfValues]  
[planning].[tgFactories]  
[planning].[tgProductLines]  
[planning].[tgProducts]  
[planning].[thFormats]  
[planning].[thLists]  
[planning].[thListValues]  
[planning].[trPreferences]  
[planning].[tTabs]  
[dbo].[sx\_pf\_pGET\_FactoryReadRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[calc].[sfUnifyLinebreaks]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pMaskSQL]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_EXPORT\_Product]

### MS\_Description

Procedure to export one single product, including values, dependend lists, which have to be merged in the existing lists during import in two styles: one for import as sql script, one for Import over the GUI Import

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@OutputForSQLServer <i>OutputForSQLServer</i>	int	4

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tdTime]  
 [planning].[tdValueSeries]  
 [planning].[tfValues]  
 [planning].[tgProducts]  
 [planning].[thFormats]  
 [planning].[thLists]  
 [planning].[thListValues]  
 [dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [calc].[sfUnifyLinebreaks]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pMaskSQL]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_EXPORT\_ProductLine]

### MS\_Description

EXPORT operation of a single productline, including,properties in gtables, global attributes, products, values, dependend lists,  
which have to be merged in the existing lists during import in two styles: one for import as sql script, one for Import over the GUI Import

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@OutputForSQLServer <i>OutputForSQLServer - no longer in use.</i>	int	4

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdTime]  
[planning].[tdValueSeries]  
[planning].[tfValues]  
[planning].[tgProductLines]  
[planning].[tgProducts]  
[planning].[thFormats]  
[planning].[thLists]  
[planning].[thListValues]  
[planning].[trPreferences]  
[planning].[tTabs]  
[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[calc].[sfUnifyLinebreaks]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pMaskSQL]  
[dbo].[sx\_pf\_pProtectID]

Project > W10 > User databases > OCT > Programmability > Stored Procedures > dbo.sx\_pf\_EXPORT\_  
ProductLine

[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_AllProductListValues]

### MS\_Description

GET Operation for all ListValues a product needs for data entry in ProductDataTable  
containing the GUI defined lists of the products (defined by user c\* or solution su\*)  
and the dynamic system lists (sx\* - which are editable by the user)  
and adds internal system lists (sx\* - which are not visible on GUI)

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdValueSeries]  
[planning].[tgValueEffects]  
[planning].[thFormats]  
[planning].[thLists]  
[planning].[thListValues]  
[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]

Project > W10 > User databases > OCT > Programmability > Stored Procedures > dbo.sx\_pf\_GET\_AllProduct-  
ListValues

[dbo].[sx\_pf\_pProtectID]

[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_ClusterAccessRight]

### MS\_Description

GET operation for User status check on cluster

If User has an registered Username and his status is "Active" then Cluster Access Rights are granted. (which still can mean he sees nothing than an empty cluster)

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[trUser]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_ClusterProperties]

### MS\_Description

GET Operation for Cluster Properties

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tgCluster]  
[dbo].[sx\_pf\_pGET\_ClusterPropertiesReadRight]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_ClusterProperty]

### MS\_Description

GET Operation for determining a cluster Property

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@PropertyID <i>PropertyID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tgCluster]  
[dbo].[sx\_pf\_pGET\_ClusterPropertiesReadRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_ClusterValidation]

### MS\_Description

Operation to check Cluster

Running tests:

- Lists, which are never used
  - ListMembers, which are never used
  - Lists which are used but dont exists
  - List members which are Used but dont exist
  - Formats which are used but dont exist
  - Formats which are defined but not used
  - count ValueSeries per Product
  - count ValuesPer Product
- User must be active to run tests

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdProducts]  
[planning].[tdValueSeries]  
[planning].[tfValues]  
[planning].[tgCluster]  
[planning].[tgFactories]  
[planning].[tgProductLines]  
[planning].[tgProducts]  
[planning].[thFormats]  
[planning].[thLists]  
[planning].[thListValues]

Project > W10 > User databases > OCT > Programmability > Stored Procedures > dbo.sx\_pf\_GET\_Cluster-Validation

[system].[trUser]

[dbo].[sx\_pf\_pPOST\_API\_LogEntry]

[dbo].[sx\_pf\_Determine\_TransactionUsername]

[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_ClusterWriteRight]

### MS\_Description

GET Operation for Write Rights on a Cluster

Returns 200 if User has ClusterWriteRights

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[trUserRights]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_Factories]

### MS\_Description

GET Operation for all eligible Factories

Returns the list of all the factories, for which the user has rights

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[system].[trUserRights]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_GET\_Factory]**
**MS\_Description**

GET Operation for one Factory

Delivers all informations about one factory

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [dbo].[sx\_pf\_pGET\_FactoryReadRight]  
 [dbo].[sx\_pf\_pGET\_FactoryWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_FactoryProperties]

### MS\_Description

GET Operation for determining a Factory Properties

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tgFactories]  
[dbo].[sx\_pf\_pGET\_FactoryReadRight]  
[dbo].[sx\_pf\_pGET\_FactoryWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_FactoryProperty]

### MS\_Description

GET Operation for determining a Factory Property

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@PropertyID <i>PropertyID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tgFactories]  
[dbo].[sx\_pf\_pGET\_FactoryReadRight]  
[dbo].[sx\_pf\_pGET\_FactoryWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_GET\_FlexAction]**
**MS\_Description**

GET Operation for receiving a filtered context sensitiv List with dynamic column count

The first column is sended back with POST\_FlexAction as idenitfier for a database action

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ValueSeriesID <i>ValueSeriesID</i>	nvarchar(255)	510
@TimeID <i>TimeID</i>	bigint	8
@GlobalattributeNumber <i>GlobalattributeNumber</i>	nvarchar(255)	510
@PageType <i>PageType</i>	nvarchar(255)	510
@SearchString <i>SearchString</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[dbo].[sx\_pf\_pPOST\_API\_LogEntry]

[dbo].[sx\_pf\_Determine\_TransactionUsername]

[dbo].[sx\_pf\_pProtectID]

[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_GET\_FlexDrill]**
**MS\_Description**

GET Operation for receiving a context sensitiv List

API delivers List Values fitting to the sended context Parameters

Procedure must be editend to fit user needs and recreated after each API

Update

When updating this procedure, you must reset the rights for it

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ValueSeriesID <i>ValueSeriesID</i>	nvarchar(255)	510
@TimeID <i>TimeID</i>	bigint	8
@GlobalattributeNumber <i>GlobalattributeNumber</i>	nvarchar(255)	510
@PageType <i>PageType</i>	nvarchar(255)	510
@SearchString <i>SearchString</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

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[planning].[tdProducts]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_GET\_FlexList]**
**MS\_Description**

GET Operation for receiving a context sensitiv List

API delivers List Values fitting to the sended context Parameters

Procedure must be editend to fit user needs and recreated after each API

Update

When updating this procedure, you must reset the rights for it

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ValueSeriesID <i>ValueSeriesID</i>	nvarchar(255)	510
@TimeID <i>TimeID</i>	bigint	8
@GlobalattributeNumber <i>GlobalattributeNumber</i>	nvarchar(255)	510
@PageType <i>PageType</i>	nvarchar(255)	510
@SearchString <i>SearchString</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

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[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tfValues]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_GET\_Format]**

### MS\_Description

GET Operation for a Format

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FormatID <i>FormatID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[thFormats]  
[dbo].[sx\_pf\_pGET\_ClusterPropertiesReadRight]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_GET\_Formats]**

### MS\_Description

GET Operation for all Formats in Cluster

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[thFormats]  
[dbo].[sx\_pf\_pGET\_ClusterPropertiesReadRight]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_GlobalSearch]

### MS\_Description

GET Operation for receiving full text search results for a given textstring  
Search will be done in all DataFactory Elements

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@SearchString <i>SearchString</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdValueSeries]  
[planning].[tFiles]  
[planning].[tfValues]  
[system].[trUserRights]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_HTMLPage]

### MS\_Description

GET Operation for HTML Page-only used up to Version 5.4.2, than replaced by planning.tTabs

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@PageID <i>PageID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[dbo].[sx\_pf\_pGET\_ClusterPropertiesReadRight]  
[dbo].[sx\_pf\_pGET\_FactoryReadRight]  
[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_HTMLPages]

### MS\_Description

GET Operation for a List of all HTML Pages

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[dbo].[sx\_pf\_pGET\_FactoryReadRight]  
[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_Info\_AllGlobalAttributeUsage]

### MS\_Description

GET Operation for cross query of ALL attributes usage

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdProductLines]  
[system].[trUserRights]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_Info\_CustomFailureReport]

### MS\_Description

GET Operation for CustomFailureReport

- Can be called as Factory Tab
- Can be called on ZT Factory Tab for all Factories with rights
- Returns always at least one row

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID	nvarchar(255)	510
@ProductLineID	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[control].[tCustomFailureReport]  
[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[system].[trUserRights]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_Info\_GlobalAttributeUsage]

### MS\_Description

GET Operation for cross query of attribute usage

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@GlobalattributeNumber <i>GlobalattributeNumber</i>	int	4

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdProductLines]  
[system].[trUserRights]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_Info\_Monitoring]

### MS\_Description

GET Operation for monitoring Properties

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tgCluster]  
[system].[tAPI\_Log]  
[dbo].[sx\_pf\_pGET\_ClusterPropertiesReadRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_Info\_NextFreeFactoryID]

### MS\_Description

GET Operation for the next free FactoryID

Returns the next numeric ID or the number 1 if other FactoryIDs are non-numeric

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_Info\_NextFreeProductID]

### MS\_Description

GET Operation for the next free ProductID

Returns for numeric ID the next number for ProductLines with only string  
IDs the number 1

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_Info\_NextFreeProductLineID]

### MS\_Description

GET Operation for the next free ProductLineID

Returns the next numeric ID or the number 1 if other ProductLineIDs are non-numeric

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[dbo].[sx\_pf\_pGET\_FactoryWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_Info\_SystemFailureReport]

### MS\_Description

GET Operation for SystemFailureReport

- Can be called as Factory Tab
- Can be called on ZT Factory Tab for all Factories with rights

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID	nvarchar(255)	510
@ProductLineID	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[control].[tSystemFailureReport]  
[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[system].[trUserRights]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_Info\_UserRights]

### MS\_Description

GET Operation for UserRight Overview

@FactoryID, @ProductLineID only Dummy Parameter to call over csv Route  
Works only for Clusteradmins

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID	nvarchar(255)	510
@ProductLineID	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[system].[trUser]  
[system].[trUserRights]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_GET\_List]**

## MS\_Description

GET Operation for a List

Shows the properties of one List

This procedure dont shows internal system lists

## Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ListID <i>ListID</i>	nvarchar(255)	510

## Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

## Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

[planning].[thLists]  
[dbo].[sx\_pf\_pGET\_ClusterPropertiesReadRight]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_Lists]

### MS\_Description

GET Operation for all GUI Lists in Cluster

Internal system lists are not shown

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[thLists]  
 [dbo].[sx\_pf\_pGET\_ClusterPropertiesReadRight]  
 [dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_GET\_ListValues]**
**MS\_Description**

GET Operation for all List Values

lists

- shows values of all GUI Lists
- shows values of the internal list "sxScales", as this list is need for the other

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ListID <i>ListID</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[thLists]  
 [planning].[thListValues]  
 [dbo].[sx\_pf\_pGET\_ClusterPropertiesReadRight]  
 [dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_GET\_Preference]**
**MS\_Description**

GET Operation for Prefences

in the same table

PreferenceUserName "All"

- Preferences may exist for the Cluster, for Factories or for ProductLines - all

- Preferences may be userdependent or not, if not they are saved for the

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@PreferenceUsername <i>PreferenceUsername</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@SettingName <i>SettingName</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tgCluster]  
 [planning].[tgFactories]  
 [planning].[tgProductLines]  
 [planning].[trPreferences]  
 [dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]

[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_GET\_Product]**
**MS\_Description**

GET Operation for Product

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [system].[trUserRights]  
 [dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
 [dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_ProductDataTableValues]

### MS\_Description

GET Operation for all Values of ProductDataTable

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdValueSeries]  
[planning].[tfValues]  
[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_ProductLine]

### MS\_Description

GET Operation for ProductLine

Provides complete information about a Product Line

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_ProductLineProperties]

### MS\_Description

GET Operation for determination of all properties of ProductLine

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tgProductLines]  
[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_ProductLineProperty]

### MS\_Description

GET Operation for determining a ProductLine Property

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@PropertyID <i>PropertyID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tgProductLines]  
[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_ProductLines]

### MS\_Description

GET Operation for ProductLines

A: returns the ProductLines for a single Factory

B: returns all ProductLines when Factory ' ' is requested

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[system].[trUserRights]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_ProductProperties]

### MS\_Description

GET Operation for identifying all Properties of Products

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tgProducts]  
[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_ProductProperty]

### MS\_Description

GET Operation for determining a ProductProperty

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@PropertyID <i>PropertyID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tgProducts]  
[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_ProductRanges]

### MS\_Description

Procedure to GET all ProductRanges for an Product

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdProducts]  
[planning].[tgProducts]  
[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_GET\_Products]**
**MS\_Description**

GET Operation for all Product of ProductLine

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tFiles]  
 [system].[trUserRights]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_Statements]

### MS\_Description

GET Operation for all Statements of Products

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tfStatements]  
[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_GET\_TimeIDs]**
**MS\_Description**

GET Operation for all TimeIDs of ValueSeries

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tdTime]  
 [dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_GET\_Value]**
**MS\_Description**

GET Operation for a Value

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ValueSeriesID <i>ValueSeriesID</i>	nvarchar(255)	510
@TimeID <i>TimeID</i>	int	4

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tdValueSeries]  
 [planning].[tfValues]  
 [dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
 [dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]

[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_GET\_Values]**
**MS\_Description**

GET Operation for all Values of ValueSeries

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ValueSeriesID <i>ValueSeriesID</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tdValueSeries]  
 [planning].[tfValues]  
 [dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
 [dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_GET\_ValueSerie]**
**MS\_Description**

GET Operation for all ValueSerie

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ValueSerieID <i>ValueSerieID</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tdValueSeries]  
 [dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
 [dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_GET\_ValueSeries]

### MS\_Description

GET Operation for all ValueSeries of Product

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdValueSeries]  
[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_MOVE\_Factory]**
**MS\_Description**

MOVE Operation for a Factory

Factory moved by the update IDs without key change

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@SourceFactoryID <i>SourceFactoryID</i>	nvarchar(255)	510
@TargetFactoryID <i>TargetFactoryID</i>	nvarchar(255)	510

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tdTime]  
 [planning].[tdValueSeries]  
 [planning].[tFiles]  
 [planning].[tfStatements]  
 [planning].[tfValues]  
 [planning].[tgFactories]  
 [planning].[tgProductLines]  
 [planning].[tgProducts]  
 [planning].[trPreferences]  
 [planning].[tTabs]  
 [system].[trRights]  
 [dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [system].[spMaterialize\_trUserRights]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_MOVE\_Format]**
**MS\_Description**

Move Operation for a Format - all objects, which an FormatID are switched to use a new FormatID.

Replace the OldFormatID with the new FormatID in planning.tdValueSeries

Replace the OldFormatID with the new FormatID in planning.thListValues

Delete the OldFormatID in planning.thFormats

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@OldFormatID <i>OldFormatID</i>	nvarchar(255)	510
@NewFormatID <i>NewFormatID</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdTime]  
 [planning].[tdValueSeries]  
 [planning].[thFormats]  
 [planning].[thListValues]  
 [dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_MOVE\_List]**
**MS\_Description****Move Operation for a List**

The Procedure will change the OldListID into the NewListID in tables:

planning.tdValueSeries, column ValueListID

planning.tdProductLines, columns GlobalAttributeSource 1..25

create members from OldListID in NewListID if they dont exist there

(for Lists of Type string compare and create ValueText, for Lists of Type Integer compare and create ValueInt)

delete the OldListID in planning.thLists

delete the Old List Values in planning.thListValues

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@OldListID <i>OldListID</i>	nvarchar(255)	510
@NewListID <i>NewListID</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdProductLines]

[planning].[tdValueSeries]

[planning].[thLists]

[planning].[thListValues]

[dbo].[sx\_pf\_pGET\_ClusterWriteRight]

[dbo].[sx\_pf\_pPOST\_API\_LogEntry]

[dbo].[sx\_pf\_Determine\_TransactionUsername]

[dbo].[sx\_pf\_pProtectID]

[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_MOVE\_Product]**
**MS\_Description**

Move Operation for a Product  
Product moved by ID update

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@SourceFactoryID <i>SourceFactoryID</i>	nvarchar(255)	510
@SourceProductLineID <i>SourceProductLineID</i>	nvarchar(255)	510
@SourceProductID <i>SourceProductID</i>	nvarchar(255)	510
@TargetFactoryID <i>TargetFactoryID</i>	nvarchar(255)	510
@TargetProductLineID <i>TargetProductLineID</i>	nvarchar(255)	510
@TargetProductID <i>TargetProductID</i>	nvarchar(255)	510

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tdTime]  
 [planning].[tdValueSeries]  
 [planning].[tFiles]  
 [planning].[tfStatements]  
 [planning].[tfValues]  
 [planning].[tgProducts]  
 [dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_MOVE\_ProductLine]

### MS\_Description

MOVE Operation for a ProductLine

ProductLine moved by the update IDs without key change

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@SourceFactoryID <i>SourceFactoryID</i>	nvarchar(255)	510
@SourceProductLineID <i>SourceProductLineID</i>	nvarchar(255)	510
@TargetFactoryID <i>TargetFactoryID</i>	nvarchar(255)	510
@TargetProductLineID <i>TargetProductLineID</i>	nvarchar(255)	510

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdTime]  
[planning].[tdValueSeries]  
[planning].[tFiles]  
[planning].[tfStatements]  
[planning].[tfValues]  
[planning].[tgProductLines]  
[planning].[tgProducts]  
[planning].[trPreferences]  
[planning].[tTabs]  
[system].[trRights]  
[dbo].[sx\_pf\_pGET\_FactoryWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[system].[spMaterialize\_trUserRights]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]

Project > W10 > User databases > OCT > Programmability > Stored Procedures > dbo.sx\_pf\_MOVE\_Product-Line

[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_MOVE\_ValueSerie]

### MS\_Description

Move Operation for one ValueSeries

The ValueSeries will be moved to a new ID, only if this ID is free

Works only inside one Product

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@SourceValueSeriesID <i>SourceValueSeriesID</i>	nvarchar(255)	510
@TargetValueSeriesID <i>TargetValueSeriesID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdValueSeries]  
[planning].[tfStatements]  
[planning].[tfValues]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]

Project > W10 > User databases > OCT > Programmability > Stored Procedures > dbo.sx\_pf\_MOVE\_Value-Serie

[dbo].[sx\_pf\_Determine\_TransactionUsername]

[dbo].[sx\_pf\_pProtectID]

[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_pGET\_ClusterPropertiesReadRight]

### MS\_Description

GET Operation for read right on Clusterlevel

Needs already resolved Transaktionsuser, therefore PRIVATE !

Returns in case of read rights for this user 200, else 401

Read rights have all user which have got read rights in OCT Usermanagement or have the privileged OCT database roles (FactoryService, db\_owner)

This procedure is always called after determination of the @Transactusername over function dbo.sx\_pf\_Determine\_Transactusername,

therefore it is already ensured that

- the delivered username is an active user from OCT

Usermanagement or a user with privileged role

The Procedure therefore always return 200, except the @Transactusername is '403', which is the return code in case of no access, which was not handle als exception in the calling procedure

### Parameters

Name	Data Type	Max Length (Bytes)
@TransactionUsername <i>TransactionUsername - the already als valid and granted name of an existing OCT User or a member of an privileged role.</i>	nvarchar(255)	510

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Used By

[dbo].[sx\_pf\_GET\_ClusterProperties]  
 [dbo].[sx\_pf\_GET\_ClusterProperty]  
 [dbo].[sx\_pf\_GET\_Format]  
 [dbo].[sx\_pf\_GET\_Formats]  
 [dbo].[sx\_pf\_GET\_HTMLPage]  
 [dbo].[sx\_pf\_GET\_Info\_Monitoring]  
 [dbo].[sx\_pf\_GET\_List]  
 [dbo].[sx\_pf\_GET\_Lists]  
 [dbo].[sx\_pf\_GET\_ListValues]  
 [planning].[spCOPY\_Tab]  
 [planning].[spGET\_Tabs]

 **[dbo].[sx\_pf\_pGET\_ClusterWriteRight]**

**MS\_Description**

GET Operation for Write Rights on Cluster

Needs already a validated Transactionsuser !  
Returns for OCT Clusteradmins and privileged role member 200

**Parameters**

Name	Data Type	Max Length (Bytes)
@TransactionUsername <i>Name of validated Transactionuser</i>	nvarchar(255)	510

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[system].[trUserRights]

**Used By**

[dbo].[sx\_pf\_COPY\_Factory]  
[dbo].[sx\_pf\_COPY\_Format]  
[dbo].[sx\_pf\_COPY\_List]  
[dbo].[sx\_pf\_DELETE\_ClusterProperty]  
[dbo].[sx\_pf\_DELETE\_Factory]  
[dbo].[sx\_pf\_DELETE\_Format]  
[dbo].[sx\_pf\_DELETE\_List]  
[dbo].[sx\_pf\_DELETE\_ListValue]  
[dbo].[sx\_pf\_DELETE\_Right]  
[dbo].[sx\_pf\_GET\_ClusterProperties]  
[dbo].[sx\_pf\_GET\_Format]  
[dbo].[sx\_pf\_GET\_Formats]  
[dbo].[sx\_pf\_GET\_Info\_NextFreeFactoryID]  
[dbo].[sx\_pf\_GET\_Info\_UserRights]  
[dbo].[sx\_pf\_GET\_List]  
[dbo].[sx\_pf\_GET\_Lists]  
[dbo].[sx\_pf\_GET\_ListValues]  
[dbo].[sx\_pf\_MOVE\_Factory]  
[dbo].[sx\_pf\_MOVE\_Format]  
[dbo].[sx\_pf\_MOVE\_List]  
[dbo].[sx\_pf\_POST\_ClusterProperty]

[dbo].[sx\_pf\_POST\_Factory]  
[dbo].[sx\_pf\_POST\_Format]  
[dbo].[sx\_pf\_POST\_HTMLPage]  
[dbo].[sx\_pf\_POST\_List]  
[dbo].[sx\_pf\_POST\_ListValue]  
[dbo].[sx\_pf\_POST\_Preference]  
[planning].[spCOPY\_Tab]  
[planning].[spDELETE\_Tab]  
[planning].[spMOVE\_Tab]  
[planning].[spPOST\_File]  
[planning].[spPOST\_Tab]  
[system].[spCOPY\_User]  
[system].[spDELETE\_User]  
[system].[spGET\_APILog]  
[system].[spGET\_ProcessLog]  
[system].[spGET\_User]  
[system].[spGET\_UserRight]

## [dbo].[sx\_pf\_pGET\_FactoryReadRight]

### MS\_Description

GET Operation for read right on a Factory

Needs an already resolved Transactuser !

Returns 200 in case of Read Rights. User with write rights are

also returned with 200

### Parameters

Name	Data Type	Max Length (Bytes)
@TransactionUsername <i>Name of the already resolved TransactionUser.</i>	nvarchar(255)	510
@FactoryID <i>FactoryID for which read rights are requested.</i>	nvarchar(255)	510

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]

[system].[trUserRights]

### Used By

[dbo].[sx\_pf\_COPY\_ProductLine]

[dbo].[sx\_pf\_EXPORT\_Factory]

[dbo].[sx\_pf\_GET\_Factory]

[dbo].[sx\_pf\_GET\_FactoryProperties]

[dbo].[sx\_pf\_GET\_FactoryProperty]

[dbo].[sx\_pf\_GET\_HTMLPage]

[dbo].[sx\_pf\_GET\_HTMLPages]

[planning].[spCOPY\_Tab]

[planning].[spGET\_File]

[planning].[spGET\_Tabs]

## [dbo].[sx\_pf\_pGET\_FactoryWriteRight]

### MS\_Description

GET Operation for Write Rights on a Factory

Needs already resolved Transactuser !

Returns on success 200

### Parameters

Name	Data Type	Max Length (Bytes)
@TransactionUsername <i>Username which is already resolved to Transactusername.</i>	nvarchar(255)	510
@FactoryID <i>ID of the requested Factory.</i>	nvarchar(255)	510

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]

[system].[trUserRights]

### Used By

[dbo].[sx\_pf\_COPY\_ProductLine]  
[dbo].[sx\_pf\_DELETE\_FactoryProperty]  
[dbo].[sx\_pf\_DELETE\_ProductLine]  
[dbo].[sx\_pf\_GET\_Factory]  
[dbo].[sx\_pf\_GET\_FactoryProperties]  
[dbo].[sx\_pf\_GET\_FactoryProperty]  
[dbo].[sx\_pf\_GET\_Info\_NextFreeProductLineID]  
[dbo].[sx\_pf\_MOVE\_ProductLine]  
[dbo].[sx\_pf\_POST\_Factory]  
[dbo].[sx\_pf\_POST\_FactoryProperty]  
[dbo].[sx\_pf\_POST\_HTMLPage]  
[dbo].[sx\_pf\_POST\_Preference]  
[dbo].[sx\_pf\_POST\_ProductLine]  
[planning].[spCOPY\_Tab]  
[planning].[spDELETE\_Tab]  
[planning].[spMOVE\_Tab]  
[planning].[spPOST\_File]  
[planning].[spPOST\_Tab]

## [dbo].[sx\_pf\_pGET\_ProductLineReadRight]

### MS\_Description

GET Operation for Read Rights on a ProductLine

Needs already resolved Transactionuser !

Returns on success 200 for Users with Read or Write Rights

### Parameters

Name	Data Type	Max Length (Bytes)
@TransactionUsername <i>Username resolved to TransactionUsername.</i>	nvarchar(255)	510
@FactoryID <i>ID of the Factory where the ProductLine is located.</i>	nvarchar(255)	510
@ProductLineID <i>ID of the ProductLine where read rights are requested.</i>	nvarchar(255)	510

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdProductLines]

[system].[trUserRights]

### Used By

[dbo].[sx\_pf\_COPY\_Product]

[dbo].[sx\_pf\_COPY\_ValueSerie]

[dbo].[sx\_pf\_EXPORT\_Product]

[dbo].[sx\_pf\_EXPORT\_ProductLine]

[dbo].[sx\_pf\_GET\_AllProductListValues]

[dbo].[sx\_pf\_GET\_HTMLPage]

[dbo].[sx\_pf\_GET\_HTMLPages]

[dbo].[sx\_pf\_GET\_Preference]

[dbo].[sx\_pf\_GET\_Product]

[dbo].[sx\_pf\_GET\_ProductDataTableValues]

[dbo].[sx\_pf\_GET\_ProductLine]

[dbo].[sx\_pf\_GET\_ProductLineProperties]

[dbo].[sx\_pf\_GET\_ProductLineProperty]

[dbo].[sx\_pf\_GET\_ProductProperties]

[dbo].[sx\_pf\_GET\_ProductProperty]

[dbo].[sx\_pf\_GET\_ProductRanges]

[dbo].[sx\_pf\_GET\_Statements]  
[dbo].[sx\_pf\_GET\_TimelDs]  
[dbo].[sx\_pf\_GET\_Value]  
[dbo].[sx\_pf\_GET\_Values]  
[dbo].[sx\_pf\_GET\_ValueSerie]  
[dbo].[sx\_pf\_GET\_ValueSeries]  
[dbo].[sx\_pf\_POST\_Statement]  
[dbo].[sx\_pf\_POST\_Template]  
[planning].[spCOPY\_Tab]  
[planning].[spGET\_File]  
[planning].[spGET\_Tabs]

## [dbo].[sx\_pf\_pGET\_ProductLineWriteRight]

### MS\_Description

GET Operation for Write Rights on ProductLine

Needs already a Transactionsuser !

Returns for User with Write Rights 200

### Parameters

Name	Data Type	Max Length (Bytes)
@TransactionUsername <i>Username resolved to TransactionUsername</i>	nvarchar(255)	510
@FactoryID <i>ID of the requested Factory.</i>	nvarchar(255)	510
@ProductLineID <i>ID of the requested ProductLine.</i>	nvarchar(255)	510

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdProductLines]

[system].[trUserRights]

### Used By

[dbo].[sx\_pf\_COPY\_Product]  
[dbo].[sx\_pf\_COPY\_ValueSerie]  
[dbo].[sx\_pf\_DELETE\_Preference]  
[dbo].[sx\_pf\_DELETE\_Product]  
[dbo].[sx\_pf\_DELETE\_ProductDataTableValues]  
[dbo].[sx\_pf\_DELETE\_ProductLineProperty]  
[dbo].[sx\_pf\_DELETE\_ProductProperty]  
[dbo].[sx\_pf\_DELETE\_TimeID]  
[dbo].[sx\_pf\_DELETE\_Value]  
[dbo].[sx\_pf\_DELETE\_Values]  
[dbo].[sx\_pf\_DELETE\_ValueSerie]  
[dbo].[sx\_pf\_GET\_Info\_NextFreeProductID]  
[dbo].[sx\_pf\_GET\_Product]  
[dbo].[sx\_pf\_GET\_ProductDataTableValues]  
[dbo].[sx\_pf\_GET\_ProductLine]  
[dbo].[sx\_pf\_GET\_ProductLineProperties]

[dbo].[sx\_pf\_GET\_ProductLineProperty]  
[dbo].[sx\_pf\_GET\_ProductProperties]  
[dbo].[sx\_pf\_GET\_ProductProperty]  
[dbo].[sx\_pf\_GET\_ProductRanges]  
[dbo].[sx\_pf\_GET\_Statements]  
[dbo].[sx\_pf\_GET\_Value]  
[dbo].[sx\_pf\_GET\_Values]  
[dbo].[sx\_pf\_GET\_ValueSerie]  
[dbo].[sx\_pf\_GET\_ValueSeries]  
[dbo].[sx\_pf\_MOVE\_Product]  
[dbo].[sx\_pf\_MOVE\_ValueSerie]  
[dbo].[sx\_pf\_POST\_HTMLPage]  
[dbo].[sx\_pf\_POST\_Preference]  
[dbo].[sx\_pf\_POST\_Product]  
[dbo].[sx\_pf\_POST\_ProductDataTableValues]  
[dbo].[sx\_pf\_POST\_ProductEmpty]  
[dbo].[sx\_pf\_POST\_ProductLine]  
[dbo].[sx\_pf\_POST\_ProductLineProperty]  
[dbo].[sx\_pf\_POST\_ProductProperty]  
[dbo].[sx\_pf\_POST\_Template]  
[dbo].[sx\_pf\_POST\_TimeID]  
[dbo].[sx\_pf\_POST\_Timeline]  
[dbo].[sx\_pf\_POST\_Value]  
[dbo].[sx\_pf\_POST\_ValueSerie]  
[planning].[spCOPY\_Tab]  
[planning].[spDELETE\_Tab]  
[planning].[spMOVE\_Tab]  
[planning].[spPOST\_File]  
[planning].[spPOST\_Tab]

 **[dbo].[sx\_pf\_POST\_Cleanup]**
**MS\_Description**

Cleanup Operation, which will clean the values in planning.tfValues for a given scope.

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ValueSeriesID <i>ValueSeriesID</i>	nvarchar(255)	510
@TimeID <i>TimeID</i>	int	4

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tfValues]  
 [system].[trUserRights]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]

## [dbo].[sx\_pf\_POST\_ClusterProperty]

### MS\_Description

POST Operation for a ClusterProperty

A not existing Property will be created, an existing Property will be updated

If the value <#NV> is passed as parameter, it means keep the existing value

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@PropertyID <i>PropertyID</i>	nvarchar(255)	510
@PropertyName <i>PropertyName</i>	nvarchar(255)	510
@CommentUser <i>CommentUser</i>	nvarchar(max)	max
@CommentDev <i>CommentDev</i>	nvarchar(max)	max
@Unit <i>Unit</i>	nvarchar(255)	510
@ValueText <i>ValueText</i>	nvarchar(max)	max
@ValueInt <i>ValueInt</i>	nvarchar(255)	510
@Scale <i>Scale</i>	nvarchar(255)	510
@IsROSystemProperty <i>IsROSystemProperty</i>	nvarchar(255)	510
@FormatID <i>FormatID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

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[planning].[tgCluster]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectInt]

 **[dbo].[sx\_pf\_POST\_Factory]**
**MS\_Description**

POST Operation for a Factory

Not existing Factories are created, existing updated

If attributes passed with value <#NV>, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@NameShort <i>NameShort</i>	nvarchar(255)	510
@NameLong <i>NameLong</i>	nvarchar(255)	510
@CommentUser <i>CommentUser</i>	nvarchar(max)	max
@CommentDev <i>CommentDev</i>	nvarchar(max)	max
@ResponsiblePerson <i>ResponsiblePerson</i>	nvarchar(255)	510
@ImageName <i>ImageName</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]

[dbo].[sx\_pf\_pGET\_ClusterWriteRight]

[dbo].[sx\_pf\_pGET\_FactoryWriteRight]

[dbo].[sx\_pf\_pPOST\_API\_LogEntry]

Author: Gerd Tautenhahn

[system].[spMaterialize\_trUserRights]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

### Used By

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[import].[spPOST\_dFactories]

## [dbo].[sx\_pf\_POST\_FactoryProperty]

### MS\_Description

POST Operation for a FactoryProperty

Not existing Property will be created, existing updated.

If attributes passed with value <#NV>, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@PropertyID <i>PropertyID</i>	nvarchar(255)	510
@PropertyName <i>PropertyName</i>	nvarchar(255)	510
@CommentUser <i>CommentUser</i>	nvarchar(max)	max
@CommentDev <i>CommentDev</i>	nvarchar(max)	max
@Unit <i>Unit</i>	nvarchar(255)	510
@ValueText <i>ValueText</i>	nvarchar(max)	max
@ValueInt <i>ValueInt</i>	nvarchar(255)	510
@Scale <i>Scale</i>	nvarchar(255)	510
@IsROSystemProperty <i>IsROSystemProperty</i>	nvarchar(255)	510
@FormatID <i>FormatID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

SX_UserHint	
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## Uses

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[planning].[tdFactories]  
[planning].[tgFactories]  
[dbo].[sx\_pf\_pGET\_FactoryWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectInt]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_POST\_FlexAction]

### MS\_Description

POST Operation for sending FlexAction Parameter

Procedure must be editend to fit user needs and recreated after each API Update.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ValueSeriesID <i>ValueSeriesID</i>	nvarchar(255)	510
@TimeID <i>TimeID</i>	bigint	8
@GlobalattributeNumber <i>GlobalattributeNumber</i>	nvarchar(255)	510
@PageType <i>PageType</i>	nvarchar(255)	510
@FlexParameter <i>FlexParameter</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[dbo].[sx\_pf\_pPOST\_API\_LogEntry]

[dbo].[sx\_pf\_Determine\_TransactionUsername]

[dbo].[sx\_pf\_pProtectID]

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[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_POST\_Format]**
**MS\_Description**

POST Operation for Format

Not existing Format will be created, existing updated.

If attributes passed with value <#NV>, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FormatID <i>FormatID</i>	nvarchar(255)	510
@BackgroundColor <i>BackgroundColor</i>	nvarchar(255)	510
@FontColor <i>FontColor</i>	nvarchar(255)	510
@ValueFormat <i>ValueFormat</i>	nvarchar(255)	510
@Bold <i>Bold</i>	nvarchar(255)	510
@Italic <i>Italic</i>	nvarchar(255)	510
@AlignmentHorizontal <i>AlignmentHorizontal</i>	nvarchar(255)	510
@AlignmentVertical <i>AlignmentVertical</i>	nvarchar(255)	510
@TextUnderlined <i>TextUnderlined</i>	nvarchar(255)	510
@BorderToNext <i>BorderToNext</i>	nvarchar(255)	510
@BorderToPrevious <i>BorderToPrevious</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

SX_UserHint	
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## Uses

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[planning].[thFormats]

[dbo].[sx\_pf\_pGET\_ClusterWriteRight]

[dbo].[sx\_pf\_pPOST\_API\_LogEntry]

[dbo].[sx\_pf\_Determine\_TransactionUsername]

[dbo].[sx\_pf\_pProtectID]

[dbo].[sx\_pf\_pProtectInt]

[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_POST\_HTMLPage]

### MS\_Description

POST Operation for an HTML Page

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@PageID <i>PageID</i>	nvarchar(255)	510
@PageName <i>PageName</i>	nvarchar(255)	510
@PageContent <i>PageContent</i>	nvarchar(max)	max

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pGET\_FactoryWriteRight]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]

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[dbo].[sx\_pf\_pProtectID]

[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_POST\_List]**
**MS\_Description**

POST Operation for a List

Not existing Format will be created, existing updated.

If attributes passed with value <#NV>, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ListID <i>ListID</i>	nvarchar(255)	510
@NameShort <i>NameShort</i>	nvarchar(255)	510
@NameLong <i>NameLong</i>	nvarchar(255)	510
@CommentDev <i>CommentDev</i>	nvarchar(255)	510
@CommentUser <i>CommentUser</i>	nvarchar(255)	510
@Datentyp <i>Datentyp</i>	nvarchar(255)	510
@Source <i>Source</i>	nvarchar(255)	510
@SourceFormula <i>SourceFormula</i>	nvarchar(255)	510
@FormatID <i>FormatID</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

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[planning].[thLists]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_POST\_ListValue]**
**MS\_Description**

POST Operation for ListValue

Not existing ListValue will be created, existing updated.

This procedure allows to pass a Key value, as there is no ID for a ListValue

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ListValueKey <i>Use existing key to update an ListValue, use 0 to create a new ListValue</i>	int	4
@ListID <i>ListID where this Value belongs to.</i>	nvarchar(255)	510
@ValueInt <i>ValueInt if List of Type integer</i>	int	4
@Scale <i>Scale if List of Type integer</i>	int	4
@ValueText <i>ValueText if List of Type String</i>	nvarchar(255)	510
@ValueComment <i>Comment for this value</i>	nvarchar(255)	510
@FormatID <i>FormatID for this value</i>	nvarchar(255)	510

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[thLists]  
 [planning].[thListValues]  
 [dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectInt]  
 [dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_POST\_Preference]

### MS\_Description

POST Operation for Preference

Not existing Preference will be created, existing updated.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@PreferenceUsername <i>PreferenceUsername</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@SettingName <i>SettingName</i>	nvarchar(255)	510
@ValueInt <i>ValueInt</i>	int	4
@ValueText <i>ValueText</i>	nvarchar(max)	max

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tgCluster]  
[planning].[tgFactories]  
[planning].[tgProductLines]  
[planning].[trPreferences]  
[system].[trUser]

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Preference

[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pGET\_FactoryWriteRight]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_POST\_Product]**
**MS\_Description**

POST Operation for one Product

Not existing Product will be created if it exists in ZT Factory. Existing Product updated

If attributes passed with value <#NV>, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@TimeType <i>TimeType</i>	nvarchar(255)	510
@NameShort <i>NameShort</i>	nvarchar(255)	510
@NameLong <i>NameLong</i>	nvarchar(255)	510
@CommentUser <i>CommentUser</i>	nvarchar(max)	max
@CommentDev <i>CommentDev</i>	nvarchar(max)	max
@ResponsiblePerson <i>ResponsiblePerson</i>	nvarchar(255)	510
@ImageName <i>ImageName</i>	nvarchar(255)	510
@Status <i>Status</i>	nvarchar(255)	510
@Template <i>Template</i>	nvarchar(255)	510
@TemplateVersion <i>TemplateVersion</i>	nvarchar(255)	510
@GA1 <i>GA1</i>	nvarchar(255)	510
@GA2 <i>GA2</i>	nvarchar(255)	510
@GA3 <i>GA3</i>	nvarchar(255)	510
@GA4 <i>GA4</i>	nvarchar(255)	510
@GA5 <i>GA5</i>	nvarchar(255)	510
@GA6 <i>GA6</i>	nvarchar(255)	510

@GA7 GA7	nvarchar(255)	510
@GA8 GA8	nvarchar(255)	510
@GA9 GA9	nvarchar(255)	510
@GA10 GA10	nvarchar(255)	510
@GA11 GA11	nvarchar(255)	510
@GA12 GA12	nvarchar(255)	510
@GA13 GA13	nvarchar(255)	510
@GA14 GA14	nvarchar(255)	510
@GA15 GA15	nvarchar(255)	510
@GA16 GA16	nvarchar(255)	510
@GA17 GA17	nvarchar(255)	510
@GA18 GA18	nvarchar(255)	510
@GA19 GA19	nvarchar(255)	510
@GA20 GA20	nvarchar(255)	510
@GA21 GA21	nvarchar(255)	510
@GA22 GA22	nvarchar(255)	510
@GA23 GA23	nvarchar(255)	510
@GA24 GA24	nvarchar(255)	510
@GA25 GA25	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

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[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdTime]  
[planning].[tdValueSeries]  
[planning].[tfStatements]  
[planning].[tfValues]  
[planning].[tgProducts]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## Used By

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[import].[spPOST\_dProducts]

## [dbo].[sx\_pf\_POST\_ProductDataTableValues]

### MS\_Description

POST Operation for all values of the ProductDataTable

The method can be switched between incremental POST and full POST

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@IsIncrementalValuesFlag <i>IsIncrementalValuesFlag</i>	int	4
@ValuesInBracketsCommaSeparated <i>ValuesInBracketsCommaSeparated</i>	nvarchar(max)	max

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdTime]  
[planning].[tdValueSeries]  
[planning].[tfValues]  
[control].[spParamTables]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]

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DataTableValues

[dbo].[sx\_pf\_Determine\_TransactionUsername]

[dbo].[sx\_pf\_PivotStringIntoTable]

[dbo].[sx\_pf\_pProtectID]

### Used By

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[import].[spPOST\_fValuesPDTV]

## [dbo].[sx\_pf\_POST\_ProductEmpty]

### MS\_Description

POST Operation for one empty Product

Not existing Product will be created, existing gets an Update

If attributes passed with value <#NV>, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty

If product will have no TimeIDs, as it has no values

If product will have no ValueSeries, when created new

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@TimeType <i>TimeType</i>	nvarchar(255)	510
@NameShort <i>NameShort</i>	nvarchar(255)	510
@NameLong <i>NameLong</i>	nvarchar(255)	510
@CommentUser <i>CommentUser</i>	nvarchar(max)	max
@CommentDev <i>CommentDev</i>	nvarchar(max)	max
@ResponsiblePerson <i>ResponsiblePerson</i>	nvarchar(255)	510
@ImageName <i>ImageName</i>	nvarchar(255)	510
@Status <i>Status</i>	nvarchar(255)	510
@Template <i>Template</i>	nvarchar(255)	510
@TemplateVersion <i>TemplateVersion</i>	nvarchar(255)	510
@GA1 <i>GA1</i>	nvarchar(255)	510
@GA2 <i>GA2</i>	nvarchar(255)	510
@GA3 <i>GA3</i>	nvarchar(255)	510
@GA4 <i>GA4</i>	nvarchar(255)	510
@GA5	nvarchar(255)	510

GA5		
@GA6 GA6	nvarchar(255)	510
@GA7 GA7	nvarchar(255)	510
@GA8 GA8	nvarchar(255)	510
@GA9 GA9	nvarchar(255)	510
@GA10 GA10	nvarchar(255)	510
@GA11 GA11	nvarchar(255)	510
@GA12 GA12	nvarchar(255)	510
@GA13 GA13	nvarchar(255)	510
@GA14 GA14	nvarchar(255)	510
@GA15 GA15	nvarchar(255)	510
@GA16 GA16	nvarchar(255)	510
@GA17 GA17	nvarchar(255)	510
@GA18 GA18	nvarchar(255)	510
@GA19 GA19	nvarchar(255)	510
@GA20 GA20	nvarchar(255)	510
@GA21 GA21	nvarchar(255)	510
@GA22 GA22	nvarchar(255)	510
@GA23 GA23	nvarchar(255)	510
@GA24 GA24	nvarchar(255)	510
@GA25 GA25	nvarchar(255)	510

## Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

## Extended Properties

Name	Value
SX_Module	CORE

SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

---

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tfStatements]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_POST\_ProductLine]

### MS\_Description

POST Operation for ProductLine

Not existing ProductLine will be created, existing gets an Update

If attributes passed with value <#NV>, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@NameShort <i>NameShort</i>	nvarchar(255)	510
@NameLong <i>NameLong</i>	nvarchar(255)	510
@CommentUser <i>CommentUser</i>	nvarchar(max)	max
@CommentDev <i>CommentDev</i>	nvarchar(max)	max
@ResponsiblePerson <i>ResponsiblePerson</i>	nvarchar(255)	510
@ImageName <i>ImageName</i>	nvarchar(255)	510
@DefaultTemplate <i>DefaultTemplate</i>	nvarchar(255)	510
@GlobalAttributeSource1 <i>GlobalAttributeSource1</i>	nvarchar(255)	510
@GlobalAttributeAlias1 <i>GlobalAttributeAlias1</i>	nvarchar(255)	510
@GlobalAttributeSource2 <i>GlobalAttributeSource2</i>	nvarchar(255)	510
@GlobalAttributeAlias2 <i>GlobalAttributeAlias2</i>	nvarchar(255)	510
@GlobalAttributeSource3 <i>GlobalAttributeSource3</i>	nvarchar(255)	510
@GlobalAttributeAlias3 <i>GlobalAttributeAlias3</i>	nvarchar(255)	510
@GlobalAttributeSource4 <i>GlobalAttributeSource4</i>	nvarchar(255)	510
@GlobalAttributeAlias4 <i>GlobalAttributeAlias4</i>	nvarchar(255)	510
@GlobalAttributeSource5 <i>GlobalAttributeSource5</i>	nvarchar(255)	510
@GlobalAttributeAlias5	nvarchar(255)	510

<i>GlobalAttributeAlias5</i>		
@GlobalAttributeSource6 <i>GlobalAttributeSource6</i>	nvarchar(255)	510
@GlobalAttributeAlias6 <i>GlobalAttributeAlias6</i>	nvarchar(255)	510
@GlobalAttributeSource7 <i>GlobalAttributeSource7</i>	nvarchar(255)	510
@GlobalAttributeAlias7 <i>GlobalAttributeAlias7</i>	nvarchar(255)	510
@GlobalAttributeSource8 <i>GlobalAttributeSource8</i>	nvarchar(255)	510
@GlobalAttributeAlias8 <i>GlobalAttributeAlias8</i>	nvarchar(255)	510
@GlobalAttributeSource9 <i>GlobalAttributeSource9</i>	nvarchar(255)	510
@GlobalAttributeAlias9 <i>GlobalAttributeAlias9</i>	nvarchar(255)	510
@GlobalAttributeSource10 <i>GlobalAttributeSource10</i>	nvarchar(255)	510
@GlobalAttributeAlias10 <i>GlobalAttributeAlias10</i>	nvarchar(255)	510
@GlobalAttributeSource11 <i>GlobalAttributeSource11</i>	nvarchar(255)	510
@GlobalAttributeAlias11 <i>GlobalAttributeAlias11</i>	nvarchar(255)	510
@GlobalAttributeSource12 <i>GlobalAttributeSource12</i>	nvarchar(255)	510
@GlobalAttributeAlias12 <i>GlobalAttributeAlias12</i>	nvarchar(255)	510
@GlobalAttributeSource13 <i>GlobalAttributeSource13</i>	nvarchar(255)	510
@GlobalAttributeAlias13 <i>GlobalAttributeAlias13</i>	nvarchar(255)	510
@GlobalAttributeSource14 <i>GlobalAttributeSource14</i>	nvarchar(255)	510
@GlobalAttributeAlias14 <i>GlobalAttributeAlias14</i>	nvarchar(255)	510
@GlobalAttributeSource15 <i>GlobalAttributeSource15</i>	nvarchar(255)	510
@GlobalAttributeAlias15 <i>GlobalAttributeAlias15</i>	nvarchar(255)	510
@GlobalAttributeSource16 <i>GlobalAttributeSource16</i>	nvarchar(255)	510
@GlobalAttributeAlias16 <i>GlobalAttributeAlias16</i>	nvarchar(255)	510
@GlobalAttributeSource17 <i>GlobalAttributeSource17</i>	nvarchar(255)	510
@GlobalAttributeAlias17 <i>GlobalAttributeAlias17</i>	nvarchar(255)	510
@GlobalAttributeSource18 <i>GlobalAttributeSource18</i>	nvarchar(255)	510
@GlobalAttributeAlias18 <i>GlobalAttributeAlias18</i>	nvarchar(255)	510
@GlobalAttributeSource19	nvarchar(255)	510

<i>GlobalAttributeSource19</i>		
@GlobalAttributeAlias19 <i>GlobalAttributeAlias19</i>	nvarchar(255)	510
@GlobalAttributeSource20 <i>GlobalAttributeSource20</i>	nvarchar(255)	510
@GlobalAttributeAlias20 <i>GlobalAttributeAlias20</i>	nvarchar(255)	510
@GlobalAttributeSource21 <i>GlobalAttributeSource21</i>	nvarchar(255)	510
@GlobalAttributeAlias21 <i>GlobalAttributeAlias21</i>	nvarchar(255)	510
@GlobalAttributeSource22 <i>GlobalAttributeSource22</i>	nvarchar(255)	510
@GlobalAttributeAlias22 <i>GlobalAttributeAlias22</i>	nvarchar(255)	510
@GlobalAttributeSource23 <i>GlobalAttributeSource23</i>	nvarchar(255)	510
@GlobalAttributeAlias23 <i>GlobalAttributeAlias23</i>	nvarchar(255)	510
@GlobalAttributeSource24 <i>GlobalAttributeSource24</i>	nvarchar(255)	510
@GlobalAttributeAlias24 <i>GlobalAttributeAlias24</i>	nvarchar(255)	510
@GlobalAttributeSource25 <i>GlobalAttributeSource25</i>	nvarchar(255)	510
@GlobalAttributeAlias25 <i>GlobalAttributeAlias25</i>	nvarchar(255)	510

## Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

## Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [dbo].[sx\_pf\_pGET\_FactoryWriteRight]  
 [dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [system].[spMaterialize\_trUserRights]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]

Project > W10 > User databases > OCT > Programmability > Stored Procedures > dbo.sx\_pf\_POST\_Product-Line

[dbo].[sx\_pf\_pProtectID]

[dbo].[sx\_pf\_pProtectString]

### Used By

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[import].[spPOST\_dProductLines]

## [dbo].[sx\_pf\_POST\_ProductLineProperty]

### MS\_Description

POST Operation for ProductLineProperty

Not existing ProductLine will be created, existing gets an Update

If attributes passed with value <#NV>, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@PropertyID <i>PropertyID</i>	nvarchar(255)	510
@PropertyName <i>PropertyName</i>	nvarchar(255)	510
@CommentUser <i>CommentUser</i>	nvarchar(max)	max
@CommentDev <i>CommentDev</i>	nvarchar(max)	max
@Unit <i>Unit</i>	nvarchar(255)	510
@ValueText <i>ValueText</i>	nvarchar(max)	max
@ValueInt <i>ValueInt</i>	nvarchar(255)	510
@Scale <i>Scale</i>	nvarchar(255)	510
@IsROSystemProperty <i>IsROSystemProperty</i>	nvarchar(255)	510
@FormatID <i>FormatID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE

SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

---

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tgProductLines]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectInt]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_POST\_ProductProperty]

### MS\_Description

POST Operation for ProductProperty

Not existing ProductLine will be created, existing gets an Update

If attributes passed with value <#NV>, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@PropertyID <i>PropertyID</i>	nvarchar(255)	510
@PropertyName <i>PropertyName</i>	nvarchar(255)	510
@CommentUser <i>CommentUser</i>	nvarchar(max)	max
@CommentDev <i>CommentDev</i>	nvarchar(max)	max
@Unit <i>Unit</i>	nvarchar(255)	510
@ValueText <i>ValueText</i>	nvarchar(max)	max
@ValueInt <i>ValueInt</i>	nvarchar(255)	510
@Scale <i>Scale</i>	nvarchar(255)	510
@IsROSystemProperty <i>IsROSystemProperty</i>	nvarchar(255)	510
@FormatID <i>FormatID</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
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SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

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[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tgProducts]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectInt]  
[dbo].[sx\_pf\_pProtectString]

## [dbo].[sx\_pf\_POST\_Statement]

### MS\_Description

POST Operation for a new Statement

A Statement can only created, there is no Update or Delete

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ActionType <i>ActionType</i>	nvarchar(255)	510
@Statement <i>Statement</i>	nvarchar(255)	510
@PCName <i>PCName</i>	nvarchar(255)	510
@ProcessorCode <i>ProcessorCode</i>	nvarchar(255)	510
@IPAddresses <i>IPAddresses</i>	nvarchar(255)	510
@IsDeleted <i>IsDeleted</i>	nvarchar(255)	510
@IsResolved <i>IsResolved</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

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[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tfStatements]  
[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectBoolean]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

 **[dbo].[sx\_pf\_POST\_Template]**
**MS\_Description**

POST Operation to apply a template (again) on a Product

Existing Values in the Product will be saved, new/other logic will be added

It means the Template inherits its properties again to the object

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@TemplateProductID <i>TemplateProductID</i>	nvarchar(255)	510
@TemplateProductLineID <i>TemplateProductLineID</i>	nvarchar(255)	510
@TemplateFactoryID <i>TemplateFactoryID</i>	nvarchar(255)	510
@CompareByNameInsteadOfIDFlag <i>CompareByNameInsteadOfIDFlag</i>	int	4

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]

[planning].[tdProductLines]

[planning].[tdProducts]

[planning].[tdValueSeries]

[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_POST\_Template\_All]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectInt]

## [dbo].[sx\_pf\_POST\_Template\_All]

### MS\_Description

/\*

POST Operation to apply a template (again) to many Products

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductID	nvarchar(255)	510
@SearchTemplateName <i>SearchTemplateName</i>	nvarchar(255)	510
@TemplateProductID <i>TemplateProductID</i>	nvarchar(255)	510
@TemplateProductLineID <i>TemplateProductLineID</i>	nvarchar(255)	510
@TemplateFactoryID <i>TemplateFactoryID</i>	nvarchar(255)	510
@CompareByNameInsteadOfIDFlag <i>CompareByNameInsteadOfIDFlag</i>	int	4

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]

Project > W10 > User databases > OCT > Programmability > Stored Procedures > dbo.sx\_pf\_POST\_  
Template\_All

[planning].[tdTime]  
[planning].[tdValueSeries]  
[planning].[tfStatements]  
[planning].[tfValues]  
[planning].[tgProducts]  
[system].[trUserRights]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectInt]

### Used By

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[dbo].[sx\_pf\_POST\_Template]

 **[dbo].[sx\_pf\_POST\_TimeID]**
**MS\_Description**

POST Operation for TimeID  
Create new TimeID

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@TimeID <i>TimeID</i>	int	4
@FormatID <i>FormatID</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tdTime]  
 [dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]

### Used By

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[import].[spPOST\_dTime]

 **[dbo].[sx\_pf\_POST\_Timeline]**
**MS\_Description**

POST Operation for the Timeline

The method can be switched between incremental POST and full POST

Values with DeleteFlag will be deleted

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@IsIncrementalValuesFlag <i>IsIncrementalValuesFlag</i>	int	4
@TimeIDsInBracketsCommaSeparated <i>TimeIDsInBracketsCommaSeparated</i>	nvarchar(max)	max

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tdTime]  
 [planning].[tfValues]  
 [dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_PivotStringIntoTable]  
 [dbo].[sx\_pf\_pProtectID]

 **[dbo].[sx\_pf\_POST\_Value]**
**MS\_Description**

POST Operation for Value

The Value will be deleted and written new

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ValueSeriesID <i>ValueSeriesID</i>	nvarchar(255)	510
@TimeID <i>TimeID</i>	int	4
@ValueFormula <i>ValueFormula</i>	nvarchar(max)	max
@ValueInt <i>ValueInt</i>	nvarchar(255)	510
@ValueText <i>ValueText</i>	nvarchar(max)	max
@ValueComment <i>ValueComment</i>	nvarchar(max)	max

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]

[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdTime]  
[planning].[tdValueSeries]  
[planning].[tfValues]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]

### Used By

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[import].[spPOST\_fValues]

## [dbo].[sx\_pf\_POST\_ValueSerie]

### MS\_Description

POST Operation for one ValueSeries

Operation will create a ValueSeries if it not exist

It will change an existing ValueSeries

Works under the assumption, that the ValueSeries ID is not changed ! The ID is used to identify the valueSeries

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ValueSeriesID <i>ValueSeriesID</i>	nvarchar(255)	510
@RequestedValueSeriesNo <i>RequestedValueSeriesNo</i>	int	4
@NameShort <i>NameShort</i>	nvarchar(255)	510
@NameLong <i>NameLong</i>	nvarchar(255)	510
@CommentUser <i>CommentUser</i>	nvarchar(255)	510
@CommentDev <i>CommentDev</i>	nvarchar(255)	510
@ImageName <i>ImageName</i>	nvarchar(255)	510
@IsNumeric <i>IsNumeric</i>	nvarchar(255)	510
@VisibilityLevel <i>VisibilityLevel</i>	nvarchar(255)	510
@ValueSource <i>ValueSource</i>	nvarchar(255)	510
@ValueListID <i>ValueListID</i>	nvarchar(255)	510
@ValueFormatID <i>ValueFormatID</i>	nvarchar(255)	510
@Unit <i>Unit</i>	nvarchar(255)	510
@Scale <i>Scale</i>	nvarchar(255)	510
@Effect <i>Effect</i>	nvarchar(255)	510
@EffectParameter	nvarchar(255)	510

EffectParameter		
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## Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

## Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdValueSeries]  
[planning].[tfValues]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectBoolean]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectInt]  
[dbo].[sx\_pf\_pProtectString]

## Used By

[import].[spPOST\_dValueSeries]

## [dbo].[sx\_pf\_pPOST\_API\_LogEntry]

### MS\_Description

Internal POST Operation for one API LogEntry, always caused, when a public procedure is called

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@TransactUsername <i>The name of the user for whom this procedure was executed.</i>	nvarchar(255)	510
@ProcedureName <i>Name of the stored procedure which was executed</i>	nvarchar(255)	510
@ParameterString <i>List of parameters, which were given to the called procedure.</i>	nvarchar(max)	max
@EffecteRows <i>Count of effected rows which (returnd from the called procedure). This number my include counts from temporary tables.</i>	int	4
@ReturnCode <i>signals the result of the called procedure (sucessful, not found objects...)</i>	int	4
@TimestampCall <i>Timestamp the procedure was called</i>	datetime	8
@Comment <i>Return messages from the SQL Server or from the procedure for logging.</i>	nvarchar(2000)	4000

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tAPI\_Log]

### Used By

[agent].[pDeleteIntegrationValues]  
[control].[spParamTables]  
[dbo].[sx\_pf\_COPY\_Factory]  
[dbo].[sx\_pf\_COPY\_Format]  
[dbo].[sx\_pf\_COPY\_List]  
[dbo].[sx\_pf\_COPY\_Product]  
[dbo].[sx\_pf\_COPY\_ProductLine]

[dbo].[sx\_pf\_COPY\_ValueSerie]  
[dbo].[sx\_pf\_DELETE\_ClusterProperty]  
[dbo].[sx\_pf\_DELETE\_Factory]  
[dbo].[sx\_pf\_DELETE\_FactoryProperty]  
[dbo].[sx\_pf\_DELETE\_Format]  
[dbo].[sx\_pf\_DELETE\_List]  
[dbo].[sx\_pf\_DELETE\_ListValue]  
[dbo].[sx\_pf\_DELETE\_Preference]  
[dbo].[sx\_pf\_DELETE\_Product]  
[dbo].[sx\_pf\_DELETE\_ProductDataTableValues]  
[dbo].[sx\_pf\_DELETE\_ProductLine]  
[dbo].[sx\_pf\_DELETE\_ProductLineProperty]  
[dbo].[sx\_pf\_DELETE\_ProductProperty]  
[dbo].[sx\_pf\_DELETE\_Right]  
[dbo].[sx\_pf\_DELETE\_TimelD]  
[dbo].[sx\_pf\_DELETE\_Value]  
[dbo].[sx\_pf\_DELETE\_Values]  
[dbo].[sx\_pf\_DELETE\_ValueSerie]  
[dbo].[sx\_pf\_EXPORT\_Factory]  
[dbo].[sx\_pf\_EXPORT\_Product]  
[dbo].[sx\_pf\_EXPORT\_ProductLine]  
[dbo].[sx\_pf\_GET\_AllProductListValues]  
[dbo].[sx\_pf\_GET\_ClusterAccessRight]  
[dbo].[sx\_pf\_GET\_ClusterProperties]  
[dbo].[sx\_pf\_GET\_ClusterProperty]  
[dbo].[sx\_pf\_GET\_ClusterValidation]  
[dbo].[sx\_pf\_GET\_ClusterWriteRight]  
[dbo].[sx\_pf\_GET\_Factories]  
[dbo].[sx\_pf\_GET\_Factory]  
[dbo].[sx\_pf\_GET\_FactoryProperties]  
[dbo].[sx\_pf\_GET\_FactoryProperty]  
[dbo].[sx\_pf\_GET\_FlexAction]  
[dbo].[sx\_pf\_GET\_FlexDrill]  
[dbo].[sx\_pf\_GET\_FlexList]  
[dbo].[sx\_pf\_GET\_Format]  
[dbo].[sx\_pf\_GET\_Formats]  
[dbo].[sx\_pf\_GET\_GlobalSearch]  
[dbo].[sx\_pf\_GET\_HTMLPage]  
[dbo].[sx\_pf\_GET\_HTMLPages]  
[dbo].[sx\_pf\_GET\_Info\_AllGlobalAttributeUsage]  
[dbo].[sx\_pf\_GET\_Info\_CustomFailureReport]  
[dbo].[sx\_pf\_GET\_Info\_GlobalAttributeUsage]  
[dbo].[sx\_pf\_GET\_Info\_Monitoring]  
[dbo].[sx\_pf\_GET\_Info\_NextFreeFactoryID]  
[dbo].[sx\_pf\_GET\_Info\_NextFreeProductID]  
[dbo].[sx\_pf\_GET\_Info\_NextFreeProductLineID]  
[dbo].[sx\_pf\_GET\_Info\_SystemFailureReport]  
[dbo].[sx\_pf\_GET\_Info\_UserRights]  
[dbo].[sx\_pf\_GET\_List]  
[dbo].[sx\_pf\_GET\_Lists]  
[dbo].[sx\_pf\_GET\_ListValues]  
[dbo].[sx\_pf\_GET\_Preference]  
[dbo].[sx\_pf\_GET\_Product]  
[dbo].[sx\_pf\_GET\_ProductDataTableValues]  
[dbo].[sx\_pf\_GET\_ProductLine]  
[dbo].[sx\_pf\_GET\_ProductLineProperties]

[dbo].[sx\_pf\_GET\_ProductLineProperty]  
[dbo].[sx\_pf\_GET\_ProductLines]  
[dbo].[sx\_pf\_GET\_ProductProperties]  
[dbo].[sx\_pf\_GET\_ProductProperty]  
[dbo].[sx\_pf\_GET\_ProductRanges]  
[dbo].[sx\_pf\_GET\_Products]  
[dbo].[sx\_pf\_GET\_Statements]  
[dbo].[sx\_pf\_GET\_TimeIDs]  
[dbo].[sx\_pf\_GET\_Value]  
[dbo].[sx\_pf\_GET\_Values]  
[dbo].[sx\_pf\_GET\_ValueSerie]  
[dbo].[sx\_pf\_GET\_ValueSeries]  
[dbo].[sx\_pf\_MOVE\_Factory]  
[dbo].[sx\_pf\_MOVE\_Format]  
[dbo].[sx\_pf\_MOVE\_List]  
[dbo].[sx\_pf\_MOVE\_Product]  
[dbo].[sx\_pf\_MOVE\_ProductLine]  
[dbo].[sx\_pf\_MOVE\_ValueSerie]  
[dbo].[sx\_pf\_POST\_Cleanup]  
[dbo].[sx\_pf\_POST\_ClusterProperty]  
[dbo].[sx\_pf\_POST\_Factory]  
[dbo].[sx\_pf\_POST\_FactoryProperty]  
[dbo].[sx\_pf\_POST\_FlexAction]  
[dbo].[sx\_pf\_POST\_Format]  
[dbo].[sx\_pf\_POST\_HTMLPage]  
[dbo].[sx\_pf\_POST\_List]  
[dbo].[sx\_pf\_POST\_ListValue]  
[dbo].[sx\_pf\_POST\_Preference]  
[dbo].[sx\_pf\_POST\_Product]  
[dbo].[sx\_pf\_POST\_ProductDataTableValues]  
[dbo].[sx\_pf\_POST\_ProductEmpty]  
[dbo].[sx\_pf\_POST\_ProductLine]  
[dbo].[sx\_pf\_POST\_ProductLineProperty]  
[dbo].[sx\_pf\_POST\_ProductProperty]  
[dbo].[sx\_pf\_POST\_Statement]  
[dbo].[sx\_pf\_POST\_Template]  
[dbo].[sx\_pf\_POST\_Template\_All]  
[dbo].[sx\_pf\_POST\_TimeID]  
[dbo].[sx\_pf\_POST\_Timeline]  
[dbo].[sx\_pf\_POST\_Value]  
[dbo].[sx\_pf\_POST\_ValueSerie]  
[global].[spDELETE\_Code]  
[global].[spDELETE\_Company]  
[global].[spGET\_Codes]  
[global].[spGET\_Companies]  
[global].[spPOST\_Code]  
[global].[spPOST\_Company]  
[import].[spPOST\_dFactories]  
[import].[spPOST\_dProductLines]  
[import].[spPOST\_dProducts]  
[import].[spPOST\_dTime]  
[import].[spPOST\_dValueSeries]  
[import].[spPOST\_fValues]  
[import].[spPOST\_fValuesPDTV]  
[import].[spPOST\_rRights]  
[import].[spPOST\_rUser]

[planning].[spCOPY\_Tab]  
[planning].[spDELETE\_File]  
[planning].[spDELETE\_Tab]  
[planning].[spEXPORT\_Format]  
[planning].[spEXPORT\_List]  
[planning].[spEXPORT\_Tab]  
[planning].[spGET\_EnduserObjects]  
[planning].[spGET\_File]  
[planning].[spGET\_FileList]  
[planning].[spGET\_Index\_JSON]  
[planning].[spGET\_Products\_JSON]  
[planning].[spGET\_Tabs]  
[planning].[spGET\_Tree]  
[planning].[spGET\_Values\_JSON]  
[planning].[spMOVE\_Tab]  
[planning].[spPOST\_File]  
[planning].[spPOST\_FileFromPath]  
[planning].[spPOST\_Products\_JSON]  
[planning].[spPOST\_Tab]  
[planning].[spPOST\_Values\_JSON]  
[result].[spDataEntryNumericValues]  
[result].[spDataEntryProfit]  
[result].[spEvents]  
[system].[pGET\_LicenceInformation]  
[system].[pGET\_Setting]  
[system].[pGET\_Settings]  
[system].[pPOST\_ProcessLogEntry]  
[system].[pPOST\_Setting]  
[system].[spCOPY\_Dashboard]  
[system].[spCOPY\_Pipeline]  
[system].[spCOPY\_PipelineStep]  
[system].[spCOPY\_Report]  
[system].[spCOPY\_User]  
[system].[spDELETE\_Connector]  
[system].[spDELETE\_Dashboard]  
[system].[spDELETE\_DataSource]  
[system].[spDELETE\_Icon]  
[system].[spDELETE\_LogicIndexItem]  
[system].[spDELETE\_Pipeline]  
[system].[spDELETE\_PipelineSchedule]  
[system].[spDELETE\_PipelineStep]  
[system].[spDELETE\_Report]  
[system].[spDELETE\_User]  
[system].[spEXPORT\_Connector]  
[system].[spEXPORT\_Pipeline]  
[system].[spEXPORT\_Setting]  
[system].[spGET\_APILog]  
[system].[spGET\_Connector]  
[system].[spGET\_ConnectorQuery]  
[system].[spGET\_ConnectorQueryFields]  
[system].[spGET\_ConnectorTree]  
[system].[spGET\_Dashboards]  
[system].[spGET\_DatabaseRoles]  
[system].[spGET\_DataSources]  
[system].[spGET\_DBInfo]  
[system].[spGET\_Emails]

[system].[spGET\_Icons]  
[system].[spGET\_LogicIndexItems]  
[system].[spGET\_ObjectTree]  
[system].[spGET\_PipelineLog]  
[system].[spGET\_Pipelines]  
[system].[spGET\_PipelineSchedules]  
[system].[spGET\_PipelineStepLog]  
[system].[spGET\_PipelineSteps]  
[system].[spGET\_ProcessLog]  
[system].[spGET\_Reports]  
[system].[spGET\_User]  
[system].[spGET\_UserRight]  
[system].[spGET\_UserRightInformation]  
[system].[spGET\_Users]  
[system].[spMOVE\_Pipeline]  
[system].[spPOST\_Connector]  
[system].[spPOST\_ConnectorQuery]  
[system].[spPOST\_Dashboard]  
[system].[spPOST\_DataSource]  
[system].[spPOST\_Email]  
[system].[spPOST\_Icon]  
[system].[spPOST\_LogicIndexItem]  
[system].[spPOST\_Pipeline]  
[system].[spPOST\_PipelineLog]  
[system].[spPOST\_PipelineSchedule]  
[system].[spPOST\_PipelineStep]  
[system].[spPOST\_PipelineStepLog]  
[system].[spPOST\_Report]  
[system].[spPOST\_Right]  
[system].[spPOST\_User]

 **[global].[spDELETE\_Code]**

## MS\_Description

Procedure to DELETE Codes.

Can be controled over parameter. ModuleID must be passed

1. LanguageID = " -> deletes all Languages
2. LanguageID = 'DE' -> Deletes only German
3. CODE = " -> deletes all Codes
4. CODE = 'XX' -> deletes only this code

Pre / Post Extension possible.

## Parameters

Name	Data Type	Max Length (Bytes)
<b>@ModuleID</b> <i>ID of the Module which owns the code you want to delete.</i>	nvarchar(255)	510
<b>@LanguageID</b> <i>Language of the code you want to delete (ISO Format, like DE for Germany.) or empty for all Languages.</i>	nvarchar(255)	510
<b>@CODE</b> <i>CODE</i>	nvarchar(255)	510

## Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

[global].[tCodes]

[dbo].[sx\_pf\_pPOST\_API\_LogEntry]

global

## [global].[spDELETE\_Company]

### MS\_Description

Procedure to delete a company - as company and all data which are accociated with this company.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@DataSourceID <i>ID of the Datasource to delete.</i>	nvarchar(50)	100
@CompanyID <i>ID of the company to delete</i>	nvarchar(50)	100

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[global].[tCompanies]  
[system].[tDataSources]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
global

## [global].[spGET\_Codes]

### MS\_Description

Procedure to GET Codes. Parameters can be used to filter output.

1. ModuleID = " -> all Modules
  2. ModuleID = '[XX]' -> specific Module
  3. LanguageID = " all Languages
  4. LanguageID = '[XX]' -> specific Language
- Pre / Post Extensions possible.

### Parameters

Name	Data Type	Max Length (Bytes)
@ModuleID <i>ID of the Module which owns the codes or empty for all Modules.</i>	nvarchar(255)	510
@LanguageID <i>ID of the Language which owns the codes or empty for all Languages.</i>	nvarchar(255)	510

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[global].[tCodes]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
global

## [global].[spGET\_Companies]

### MS\_Description

Procedure to get one or all companies of a datasource

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@DataSourceID <i>optional - ID of an Datasource, send " to get all Datasources.</i>	nvarchar(50)	100
@CompanyID <i>optional - ID of an Company, send " to get all Companies.</i>	nvarchar(50)	100

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[global].[tCompanies]  
 [system].[tDataSources]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectString]  
 global

 **[global].[spPOST\_Code]**
**MS\_Description**

Procedure to POST Codes. Pre / Post Extension possible.

**Parameters**

Name	Data Type	Max Length (Bytes)
<b>@ModuleID</b> <i>ID of the Module which owns the code. Use "system" to POST a code which is not module dependend.</i>	nvarchar(255)	510
<b>@LanguageID</b> <i>Language of the code you want to create (ISO Format, like DE for Germany.</i>	nvarchar(255)	510
<b>@CODE</b> <i>The code you want to POST.</i>	nvarchar(255)	510
<b>@Scope</b> <i>The scope of the code. Can group codes for specific uses. Use "default" if not needed.</i>	nvarchar(255)	510
<b>@Description</b> <i>Free Description of the code.</i>	nvarchar(4000)	8000

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[global].[tCodes]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 global

 **[global].[spPOST\_Company]**
**MS\_Description**

Procedure save / edit Companies.

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@DataSourceID <i>Integer number of the DataSource.</i>	nvarchar(50)	100
@CompanyID <i>ID of the Company, must be unique in this DataSource.</i>	nvarchar(50)	100
@CompanyName <i>Name of this company.</i>	nvarchar(255)	510
@Description <i>Description of the company.</i>	nvarchar(2000)	4000
@FinancialYearBegin <i>Month of the start of the financial year - e.g. 1 for January.</i>	int	4
@ChartsOfAccountsID <i>ID of the current Chart of Accounts, this ID must match the ID in Table global.tFIN_ChartsOfAccounts.</i>	nvarchar(50)	100
@AccountLength <i>Integer Value for the length of the AccountID - usually between 4 and 8.</i>	int	4
@Currency <i>ISO Code of the currency of the company, e.g. EUR</i>	nvarchar(50)	100
@CustomValuesJSON <i>Custom field to store any informations as JSON Array.</i>	nvarchar(max)	max
@CustomValuesJSONUser <i>Custom field to store any informations as JSON Array, may have rights difference for reading.</i>	nvarchar(max)	max
@OwnerCODE <i>CODE Word who the owner of this company is - INTEGRATION or PLANNING.</i>	nvarchar(50)	100

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[global].[tCompanies]  
[system].[tDataSources]

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[dbo].[sx\_pf\_pPOST\_API\_LogEntry]

[dbo].[sx\_pf\_Determine\_TransactionUsername]

global

 **[import].[spPOST\_dFactories]**
**MS\_Description**

Import all values from load.tdFactories with specific load-procedure as source

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@Source <i>Source</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[load].[tdFactories]  
 [dbo].[sx\_pf\_POST\_Factory]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 import

## [import].[spPOST\_dProductLines]

### MS\_Description

Import all values from load.tdProductLines with specific load-procedure as source

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@Source <i>Source</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[load].[tdProductLines]  
[dbo].[sx\_pf\_POST\_ProductLine]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
import

 **[import].[spPOST\_dProducts]**
**MS\_Description**

Import all values from load.tdProducts with specific load-procedure as source

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@Source <i>Source</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[load].[tdProducts]  
 [dbo].[sx\_pf\_POST\_Product]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 import

 **[import].[spPOST\_dTime]**
**MS\_Description**

Import all values from load.tfValues with specific load-procedure as source

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>ScopeFilter for loading process</i>	nvarchar(255)	510
@ProductLineID <i>ScopeFilter for loading process</i>	nvarchar(255)	510
@ProductID <i>ScopeFilter for loading process</i>	nvarchar(255)	510
@TimeID <i>ScopeFilter for loading process</i>	int	4
@Source <i>Source</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[load].[tdTime]  
 [dbo].[sx\_pf\_POST\_TimeID]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 import

## [import].[spPOST\_dValueSeries]

### MS\_Description

Import ValueSeries from load.tdValueSeries with specific load-procedure as source

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ValueSeriesID <i>ValueSeriesID</i>	nvarchar(255)	510
@Source <i>Source</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[load].[tdValueSeries]  
[dbo].[sx\_pf\_POST\_ValueSerie]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
import

 **[import].[spPOST\_fValues]**
**MS\_Description**

Import all values from load.tfValues with specific load-procedure as source

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ValueSeriesID <i>ValueSeriesID</i>	nvarchar(255)	510
@TimeID <i>TimeID</i>	int	4
@Source <i>Source</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[load].[tfValues]  
 [dbo].[sx\_pf\_POST\_Value]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 import

## [import].[spPOST\_fValuesPDTV]

### MS\_Description

Import values from load.tfValues with specific load-procedure as source

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@ProductID <i>ProductID</i>	nvarchar(255)	510
@ValueSeriesID <i>ValueSeriesID</i>	nvarchar(255)	510
@TimeID <i>TimeID</i>	int	4
@Source <i>Source</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[load].[tfValues]  
[dbo].[sx\_pf\_POST\_ProductDataTableValues]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[calc].[sfReplaceNonXMLCharacters]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
import

 **[import].[spPOST\_rRights]**

### MS\_Description

Import rights from loadtable with specific load-procedure as source

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@PostUserName <i>PostUserName</i>	nvarchar(255)	510
@Right <i>Right</i>	nvarchar(255)	510
@Source <i>Source</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[load].[trRights]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
import

 **[import].[spPOST\_rUser]**

### MS\_Description

Import User from load.trUser

### Parameters

Name	Data Type	Max Length (Bytes)
@UserName <i>UserName</i>	nvarchar(255)	510
@PostUserName <i>PostUserName</i>	nvarchar(255)	510
@Source <i>Source</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[load].[trUser]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
import

## [integration].[pGetLastDeltaValues]

### MS\_Description

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Procedure to get last Delta Load Timestamp per Accounting Area

### Parameters

---

Name	Data Type	Max Length (Bytes)
@DataSourceKey <i>DataSourceKey</i>	int	4
@CompanyID <i>CompanyID</i>	nvarchar(50)	100
@Module <i>Module</i>	nvarchar(50)	100
@Username <i>Username</i>	nvarchar(255)	510

### Extended Properties

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Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

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integration

 **[planning].[spCOPY\_Tab]**
**MS\_Description**

Procedure to Copy a Tab - inside an object or to a different. The copied tab is always puted at the end.

**Parameters**

Name	Data Type	Max Length (Bytes)
<b>@Username</b> <i>Name of the user this action is requested for.</i>	nvarchar(255)	510
<b>@SourceFactoryID</b> <i>FactoryID, skip / NULL / empty string if POST is for Cluster level</i>	nvarchar(255)	510
<b>@SourceProductLineID</b> <i>SourceProductLineID, skip / NULL / empty string if POST is for Cluster or Factory level</i>	nvarchar(255)	510
<b>@SourceProductID</b> <i>SourceProductD, skip / NULL / empty string if POST is for Cluster, Factory or ProductLine level</i>	nvarchar(255)	510
<b>@SourceTabID</b> <i>SourceBusiness Identifier for the Tab.</i>	nvarchar(255)	510
<b>@TargetFactoryID</b> <i>FactoryID, skip / NULL / empty string if POST is for Cluster level</i>	nvarchar(255)	510
<b>@TargetProductLineID</b> <i>TargetProductLineID, skip / NULL / empty string if POST is for Cluster or Factory level</i>	nvarchar(255)	510
<b>@TargetProductID</b> <i>TargetProductD, skip / NULL / empty string if POST is for Cluster, Factory or ProductLine level</i>	nvarchar(255)	510
<b>@TargetTabID</b> <i>TargetBusiness Identifier for the Tab.</i>	nvarchar(255)	510
<b>@TargetOrderIndex</b>	int	4
<b>@TargetTabName</b>	nvarchar(255)	510

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tTabs]

[dbo].[sx\_pf\_pGET\_ClusterPropertiesReadRight]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pGET\_FactoryReadRight]  
[dbo].[sx\_pf\_pGET\_FactoryWriteRight]  
[dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
planning

 **[planning].[spDELETE\_File]**
**MS\_Description**

Procedure to delete exists file

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(50)	100
@ProductLineID <i>ProductLineID</i>	nvarchar(50)	100
@ProductID <i>ProductID</i>	nvarchar(50)	100
@FileID <i>optional (not needed if Filepath is set) - FileID to specify the the file to be deleted</i>	nvarchar(50)	100
@Filepath <i>optional - Path or Pathsegment to delete all file in a path</i>	nvarchar(50)	100

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tFiles]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectString]  
 planning

 **[planning].[spDELETE\_Tab]**
**MS\_Description**

Procedure to delete a Tab.

**Parameters**

Name	Data Type	Max Length (Bytes)
<b>@Username</b> <i>Name of the user this action is requested for.</i>	nvarchar(255)	510
<b>@FactoryID</b> <i>optional FactoryID, skip / NULL / empty string if DELETE is for Cluster level</i>	nvarchar(255)	510
<b>@ProductLineID</b> <i>optional ProductLineID, skip / NULL / empty string if DELETE is for Cluster or Factory level</i>	nvarchar(255)	510
<b>@ProductID</b> <i>optional ProductID, skip / NULL / empty string if DELETE is for Cluster, Factory or ProductLine level</i>	nvarchar(255)	510
<b>@TabID</b> <i>TabID which is deleted.</i>	nvarchar(255)	510

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tTabs]  
 [dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
 [dbo].[sx\_pf\_pGET\_FactoryWriteRight]  
 [dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 planning

## [planning].[spEXPORT\_Format]

### MS\_Description

Procedure to create an SQL Script, which imports a Format in OCT.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@FormatID <i>ID of the Format to be exported.</i>	nvarchar(50)	100

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[thFormats]  
[system].[tSettings]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
planning

 **[planning].[spEXPORT\_List]**

### MS\_Description

---

Procedure to create an SQL Script, which imports a List in OCT.

### Parameters

---

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@ListID <i>ID of the List to be exported.</i>	nvarchar(50)	100

### Extended Properties

---

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

---

[planning].[thLists]  
[planning].[thListValues]  
[system].[tSettings]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
planning

 **[planning].[spEXPORT\_Tab]**
**MS\_Description**

Procedure to create an SQL Script, which imports a Tab in OCT.

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@FactoryID	nvarchar(50)	100
@ProductLineID	nvarchar(50)	100
@ProductID	nvarchar(50)	100
@TabID <i>ID of the Tab to be exported.</i>	nvarchar(50)	100

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tTabs]  
 [system].[tSettings]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 planning

## [planning].[spGET\_EnduserObjects]

### MS\_Description

Procedure delivers List of all Objects, which are useful for enduser analytics.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@ObjectType <i>Allows to filter output to defined ObjectType. Default Value is P for stored procedure. Keep empty for all.</i>	nvarchar(255)	510
@ShowAllBool <i>0 = show only objects with SX_UserHint set in Metadata, 1 = show all objects.</i>	int	4

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
planning

 **[planning].[spGET\_File]**
**MS\_Description**

Procedure to Return body and file name of existing file

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(50)	100
@ProductLineID <i>ProductLineID</i>	nvarchar(50)	100
@ProductID <i>ProductID</i>	nvarchar(50)	100
@FileID <i>FileID</i>	nvarchar(50)	100

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tFiles]  
 [dbo].[sx\_pf\_pGET\_FactoryReadRight]  
 [dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectString]  
 planning

 **[planning].[spGET\_FileList]**
**MS\_Description**

Procedure to Return list of existing files on a product

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(50)	100
@ProductLineID <i>ProductLineID</i>	nvarchar(50)	100
@ProductID <i>ProductID</i>	nvarchar(50)	100
@Filepath	nvarchar(4000)	8000

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tFiles]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectString]  
 planning

## [planning].[spGET\_Index\_JSON]

### MS\_Description

Procedure to GET the Structure of Planning Objects

FactoryID and ProductLineID can be passed in as single Value or as empty string for all

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ParameterJSON <i>ParameterJSON</i>	nvarchar(max)	max

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdValueSeries]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
planning

## [planning].[spGET\_Products\_JSON]

### MS\_Description

Procedure returns an in JSON Format requested Productarray as Recordset.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Standardparameter</i>	nvarchar(255)	510
@ProductsJSON <i>List of Products as JSON Array</i>	nvarchar(max)	max

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdProducts]  
[system].[trUserRights]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]  
planning

 **[planning].[spGET\_Tabs]**
**MS\_Description**

Procedure to get the Tabs for given planning Tree object. This may be the root level (Cluster), a Factory, a Product-Line or a Product.

**Parameters**

Name	Data Type	Max Length (Bytes)
<b>@Username</b> <i>Name of the user this action is requested for.</i>	nvarchar(255)	510
<b>@FactoryID</b> <i>optional FactoryID, skip / NULL / empty string if request is for Cluster level</i>	nvarchar(255)	510
<b>@ProductLineID</b> <i>optional ProductLineID, skip / NULL / empty string if request is for Cluster or Factory level</i>	nvarchar(255)	510
<b>@ProductID</b> <i>optional ProductID, skip / NULL / empty string if request is for Cluster, Factory or ProductLine level</i>	nvarchar(255)	510

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tTabs]  
 [dbo].[sx\_pf\_pGET\_ClusterPropertiesReadRight]  
 [dbo].[sx\_pf\_pGET\_FactoryReadRight]  
 [dbo].[sx\_pf\_pGET\_ProductLineReadRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 planning

## [planning].[spGET\_Tree]

### MS\_Description

---

Returns the Tree of all planning object - Factories/ProductLines/Products

### Parameters

---

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@Searchstring <i>String to filter the output values - will be handled as %Searchstring% search.</i>	nvarchar(255)	510

### Extended Properties

---

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

---

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[system].[trUserRights]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
planning

## [planning].[spGET\_Values\_JSON]

### MS\_Description

Procedure to GET Values in JSON Format for MatrixConnector

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ValuesJSON <i>ValuesJSON</i>	nvarchar(max)	max

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdValueSeries]  
[planning].[tfValues]  
[system].[trUserRights]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]  
planning

 **[planning].[spMOVE\_Tab]**
**MS\_Description**

Procedure to Move a Tab to a different ID and different OrderIndex. The requested TabID must be free. The requested Orderposition may be in use, reordering is done automaticly.

To put a tab to the end, any high order number (like 100) can be submitted. The Tab with ID 0 can't be moved.

**Parameters**

Name	Data Type	Max Length (Bytes)
<b>@Username</b> <i>Name of the user this action is requested for.</i>	nvarchar(255)	510
<b>@FactoryID</b> <i>optional FactoryID, skip / NULL / empty string if MOVE is for Cluster level</i>	nvarchar(255)	510
<b>@ProductLineID</b> <i>optional ProductLineID, skip / NULL / empty string if MOVE is for Cluster or Factory level</i>	nvarchar(255)	510
<b>@ProductID</b> <i>optional ProductID, skip / NULL / empty string if MOVE is for Cluster, Factory or ProductLine level</i>	nvarchar(255)	510
<b>@TabID</b> <i>TabID which is moved. ID 0 is not accepted, its reserved for the system tab.</i>	nvarchar(255)	510
<b>@NewTabID</b> <i>TabID the tab will get. This must not be already in use.</i>	nvarchar(255)	510
<b>@NewOrderIndex</b> <i>Position in the list of Tabs. Any Number &gt; 0 can be passed in, tabs reorder themself.</i>	int	4

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tTabs]  
 [dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
 [dbo].[sx\_pf\_pGET\_FactoryWriteRight]  
 [dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]

planning

 **[planning].[spPOST\_File]**
**MS\_Description**

Procedure to store a new file or change an existing file

**Parameters**

Name	Data Type	Max Length (Bytes)	Direction
@Username <i>Username</i>	nvarchar(255)	510	
@FactoryID <i>FactoryID - maybe empty string to store files on Clusterlevel</i>	nvarchar(50)	100	
@ProductLineID <i>ProductLineID - maybe empty string to store files on Factorylevel</i>	nvarchar(50)	100	
@ProductID <i>ProductID - maybe empty string to store files on ProductLine-Level</i>	nvarchar(50)	100	
@FileID <i>FileID - use * to autocreate File ID</i>	nvarchar(50)	100	
@FileName <i>FileName - username for the file</i>	nvarchar(255)	510	
@FileExtension <i>FileExtension - may be empty</i>	nvarchar(50)	100	
@FileBody <i>FileBody - must not be NULL</i>	varbinary(max)	max	
@Filepath <i>Filepath - optional virtual file path</i>	nvarchar(4000)	8000	
@OutputID	nvarchar(50)	100	Out

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tFiles]  
 [dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
 [dbo].[sx\_pf\_pGET\_FactoryWriteRight]

[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]  
planning

## [planning].[spPOST\_FileFromPath]

### MS\_Description

Procedure to Create new file or change exists file from a local SQL Server filepath or shared folder path

File must exists and can't be empty.

File extensions extracted from @FilePath.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FileKey <i>FileKey</i>	bigint	8
@FilePath <i>FilePath</i>	nvarchar(300)	600

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tFiles]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]  
planning

## [planning].[spPOST\_Products\_JSON]

### MS\_Description

Procedure to POST Values in JSON Format

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ValuesJSON <i>Values which are to be saved as JSON object.</i>	nvarchar(max)	max

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdProducts]  
[system].[trUserRights]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]  
planning

 **[planning].[spPOST\_Tab]**
**MS\_Description**

Procedure to POST a Tab. The Tab with ID 0 is the special system tab, but does not get special handling in databae.

**Parameters**

Name	Data Type	Max Length (Bytes)
<b>@Username</b> <i>Name of the user this action is requested for.</i>	nvarchar(255)	510
<b>@FactoryID</b> <i>optional FactoryID, skip / NULL / empty string if POST is for Cluster level</i>	nvarchar(255)	510
<b>@ProductLineID</b> <i>optional ProductLineID, skip / NULL / empty string if POST is for Cluster or Factory level</i>	nvarchar(255)	510
<b>@ProductID</b> <i>optional ProductID, skip / NULL / empty string if POST is for Cluster, Factory or ProductLine level</i>	nvarchar(255)	510
<b>@TabID</b> <i>Business Identifier for the Tab.</i>	nvarchar(255)	510
<b>@OrderIndex</b> <i>Position in the list of Tabs. Any Number &gt; 0 can be passed in, tabs reorder themselves.</i>	int	4
<b>@TabName</b> <i>Name of the Tab, used as Label.</i>	nvarchar(255)	510
<b>@TabHint</b> <i>Hint on the Tab, displayed as Tooltip.</i>	nvarchar(2000)	4000
<b>@TabText</b> <i>Text for the headerarea inside the tab.</i>	nvarchar(2000)	4000
<b>@PresentationCODE</b> <i>CODE word for the type of presentation, e.g PIVOT, DATAGRID, HTML_URL, HTML_STATIC.</i>	nvarchar(255)	510
<b>@Datasource</b> <i>Datasource fitting to PresentationCODE - name of the stored procedure or URL.</i>	nvarchar(2000)	4000
<b>@IsVisibleBOOL</b> <i>1 for visible, 0 for not visible</i>	int	4
<b>@LayoutJSON</b> <i>Layout definition as JSON String</i>	nvarchar(max)	max
<b>@ParameterJSON</b> <i>Parameter definition (List and default value) as JSON String</i>	nvarchar(max)	max

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Uses

---

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tTabs]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pGET\_FactoryWriteRight]  
[dbo].[sx\_pf\_pGET\_ProductLineWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
planning

## [planning].[spPOST\_Values\_JSON]

### MS\_Description

Procedure to POST Values in JSON Format

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ValuesJSON <i>Values which are to be saved as JSON object.</i>	nvarchar(max)	max

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdTime]  
[planning].[tdValueSeries]  
[planning].[tfValues]  
[system].[trUserRights]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]  
planning

## [result].[spDataEntryNumericValues]

### MS\_Description

Procedure to deliver all numeric values of data entry products to the enduser.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>optional: FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>optional: ProductLineID</i>	nvarchar(255)	510
@ParameterJSON <i>optional: The Parameter JSON expect the "Year" parameter.</i>	nvarchar(max)	max

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	All numeric values from data entry products

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdValueSeries]  
[planning].[tfValues]  
[system].[trUserRights]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
result

 **[result].[spDataEntryProfit]**
**MS\_Description**

Procedure to deliver analytic data of data entry products to the enduser.

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>optional: FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>optional: ProductLineID</i>	nvarchar(255)	510
@ParameterJSON <i>optional: The Parameter JSON expect the "Year" parameter.</i>	nvarchar(max)	max

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	Analytic profit data from data entry products

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tdValueSeries]  
 [planning].[tfValues]  
 [planning].[tgValueEffects]  
 [system].[trUserRights]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 result

 **[result].[spEvents]**
**MS\_Description**

Procedure to deliver analytic data to the enduser

Events must have ValueSeriesID "E" and Bemerkungen ValueSeriesID "BEM"

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [planning].[tdProducts]  
 [planning].[tfValues]  
 [system].[trUserRights]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectString]  
 result

## [system].[pGET\_LicenceInformation]

### MS\_Description

Description: Stored Procedure to retrieve the licence information from the database.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@CustomerID <i>CustomerID</i>	nvarchar(255)	510
@ServerID <i>ServerID</i>	nvarchar(255)	510
@ServiceName <i>ServiceName</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[global].[tCompanies]  
[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tgCluster]  
[system].[tDataSources]  
[system].[trUser]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[pGET\_Setting]**
**MS\_Description**

Procedure to read one setting. To read all settings, use system.pGETSettings.

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@SettingID <i>ID of the Setting.</i>	nvarchar(50)	100

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[system].[tSettings]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 [dbo].[sx\_pf\_pProtectString]  
 system

## [system].[pGET\_Settings]

### MS\_Description

pGET\_Settings

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@Category <i>Category</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tSettings]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectString]  
 system

## [system].[pPOST\_ProcessLogEntry]

### MS\_Description

Description: Stored Procedure to save a process log entry. For every call a new entry is created.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ModuleCode <i>ModuleCode</i>	nvarchar(50)	100
@ProcessName <i>Name of the Process your are in.</i>	nvarchar(250)	500
@ProcessID <i>Process ID as short ID for the process</i>	nvarchar(50)	100
@SubProcessName <i>optional - Subprocess name if Process was called from a main process</i>	nvarchar(250)	500
@SubProcessID <i>SubProcess ID as short ID for the subprocess</i>	nvarchar(50)	100
@SubSubProcessName <i>optional - SubSubprocess name if Process was called from a subprocess</i>	nvarchar(250)	500
@EventCODE <i>Codeword Start, End, Info. The entry "see last state" indicates the the status of process execution is unchanged since the last log entry.</i>	nvarchar(20)	40
@Timestamp <i>Timestamp of the Event</i>	datetime	8
@ReturnCODE <i>Returncode accoring to HTTP Standard (200,201,404...)</i>	int	4
@EventMessage <i>Free Text as event message, maybe catch from SQL Server error event message over SET @Comment = ERROR_MESSAGE() etc.</i>	nvarchar(max)	max

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

---

[system].[tProcessLogs]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

## Used By

---

[agent].[pCreateJSONView]  
[agent].[pDeleteIntegrationValuesGeneric]  
[agent].[pMaintenanceIndexes]  
[agent].[pMaintenanceJSONViews]  
[agent].[pMaintenanceRecreateViews]  
[agent].[pPostBulkload]  
[agent].[pSyncDimensionToGlobal]  
[system].[spPOST\_PipelineLog]  
[system].[spPOST\_PipelineStepLog]

 **[system].[pPOST\_Setting]**
**MS\_Description**

pPOST\_Setting

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@SettingID <i>SettingID</i>	nvarchar(50)	100
@DataTypeCODE <i>DataTypeCODE</i>	nvarchar(255)	510
@SettingDescription <i>SettingDescription</i>	nvarchar(4000)	8000
@ValueText <i>ValueText</i>	nvarchar(max)	max
@ValueDateTime <i>ValueDateTime</i>	datetime	8
@ValueInt <i>ValueInt</i>	int	4
@ValueIntScale <i>ValueIntScale</i>	int	4
@ValueJSON <i>ValueJSON</i>	nvarchar(max)	max
@Category <i>Category</i>	nvarchar(255)	510
@ReadOnlySystemPropertyBool <i>ReadOnlySystemPropertyBool</i>	int	4

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser
Grant	EXECUTE	pf_PlanningFactoryService

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

---

[system].[tSettings]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]  
system

## [system].[spCOPY\_Dashboard]

### MS\_Description

Copy Operation for a Dashboard

a new Dashboard will be created as copy of an existing Dashboard.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@CopyDashboardID <i>ID of the Dashboard which is basis of the copy.</i>	nvarchar(50)	100
@TargetDashboardName <i>Name of the Target Dashboard, the ID is autocreated.</i>	nvarchar(255)	510

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tDashboards]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_pProtectString]  
system

 **[system].[spCOPY\_Pipeline]**

## MS\_Description

Procedure to copy a Pipeline - including its steps and schedules

## Parameters

Name	Data Type	Max Length (Bytes)	Direction
@Username	nvarchar(255)	510	
@SourcePipelineID <i>ID of the Pipeline which will be copied.</i>	nvarchar(50)	100	
@TargetPipelineID <i>ID for the pipeline which will be created as copy of the Source-PipelineID, this Pipeline must not exists at the moment.</i>	nvarchar(50)	100	
@OutputID	nvarchar(50)	100	Out

## Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

## Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

[system].[tPipelines]  
[system].[tPipelineSchedules]  
[system].[tPipelineSteps]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

## [system].[spCOPY\_PipelineStep]

### MS\_Description

Procedure to copy a Pipeline - including its steps and schedules

### Parameters

Name	Data Type	Max Length (Bytes)	Direction
@Username	nvarchar(255)	510	
@SourcePipelineID <i>ID of the Pipeline from which a step will be copied.</i>	nvarchar(50)	100	
@SourceStepID <i>ID for the step which will be copied</i>	nvarchar(50)	100	
@TargetPipelineID <i>ID for the Pipeline, which is used as target. If kept empty, the source Productline is used as target.</i>	nvarchar(50)	100	
@TargetStepID <i>ID for the step which will be created, it must not exist at the moment.</i>	nvarchar(50)	100	
@OutputID	nvarchar(50)	100	Out

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tPipelines]  
[system].[tPipelineSteps]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[spCOPY\_Report]**

### MS\_Description

---

Copy Operation for a Report  
a new Report will be created as copy of an existing Report.

### Parameters

---

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@CopyReportID <i>ID of the Report which is basis of the copy.</i>	nvarchar(255)	510
@TargetReportName <i>Name of the Target Report, the ID is autogenerated.</i>	nvarchar(255)	510

### Extended Properties

---

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

---

[system].[tReports]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_pProtectString]  
system

 **[system].[spCOPY\_User]**
**MS\_Description**

Copy Operation for a User

a new user will be created as copy of an existing user. Rights are copied, user attributes are not copied, user will be set to active.

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@CopyUserName <i>Name of the user which is basis of the copy.</i>	nvarchar(255)	510
@TargetUsername <i>Name of the Target User</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[system].[trRights]  
 [system].[trUser]  
 [dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectString]  
 system

## [system].[spDELETE\_Connector]

### MS\_Description

Procedure to delete a Pipeline including steps and schedules.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@SourceSystemID <i>SourceSystemID - ID of the source ERP system.</i>	nvarchar(50)	100
@SourceSystemType <i>SourceSystemType - type of connection to the source ERP system (MSSQL, ORACLE, ODBC).</i>	nvarchar(50)	100
@ModuleID <i>ModuleID - ID of the module.</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tConnectors]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

## [system].[spDELETE\_Dashboard]

### Parameters

---

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@DashboardID	nvarchar(50)	100

### Uses

---

[system].[tDashboards]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

## [system].[spDELETE\_DataSource]

### MS\_Description

Procedure to delete a Datasouce - the data from its proceeded companies is deleted in all tables with Columns DataSourceKey or CompanyKey too, but the datasource is kept in Process Steps.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@DataSourceID <i>ID of the DataSource to be deleted.</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[global].[tCompanies]  
[system].[tDataSources]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[spDELETE\_Icon]**

### MS\_Description

Return code 200 if file exists and was deleted succesful

### Parameters

Name	Data Type	Max Length (Bytes)
@UserName <i>UserName</i>	nvarchar(255)	510
@IconName <i>IconName</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tlcons]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]  
system

## [system].[spDELETE\_LogicIndexItem]

### MS\_Description

spDELETE\_LogicIndexItem

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ModuleID <i>ModuleID</i>	nvarchar(50)	100
@ModuleVersion <i>ModuleVersion</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tLogicIndex]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[spDELETE\_Pipeline]**

### MS\_Description

Procedure to delete a Pipeline including steps and schedules.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@PipelineID <i>ID of the Pipeline to delete.</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tPipelines]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

## [system].[spDELETE\_PipelineSchedule]

### MS\_Description

Procedure to delete a schedule.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@PipelineID <i>ID of the Pipeline, which contains the schedule.</i>	nvarchar(50)	100
@ScheduleID <i>ID of the schedule to delete.</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tPipelines]  
[system].[tPipelineSchedules]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

## [system].[spDELETE\_PipelineStep]

### MS\_Description

Procedure to delete a step of a Pipeline.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@PipelineID <i>ID of the Pipeline to delete.</i>	nvarchar(50)	100
@StepID <i>ID of the Step to delete.</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tPipelines]  
[system].[tPipelineSteps]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[spDELETE\_Report]**

### MS\_Description

Procedure to delete an Report.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@ReportID <i>ID of the Report to delete.</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tReports]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[spDELETE\_User]**

### MS\_Description

Deletes a User with all his rights. A cluster administrator cant delete himself

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@DeleteUserName <i>DeleteUserName</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[trRights]  
[system].[trUser]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]  
system

## [system].[spEXPORT\_Connector]

### MS\_Description

Procedure to create an SQL Script, which imports a connector with all steps in OCT.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@SourceSystemID <i>SourceSystemID - ID of the source ERP system.</i>	nvarchar(50)	100
@SourceSystemType <i>SourceSystemType - type of connection to the source ERP system (MSSQL, ORACLE, ODBC).</i>	nvarchar(50)	100
@ModuleID <i>ModuleID - ID of the module.</i>	nvarchar(50)	100
@ExportType	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tConnectorQueries]  
[system].[tConnectors]  
[system].[tSettings]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pMaskSQL]  
system

## [system].[spEXPORT\_Pipeline]

### MS\_Description

Procedure to create an SQL Script, which imports a pipeline with all steps in OCT.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@PipelineID <i>ID of the Pipeline to be exported.</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tPipelines]  
[system].[tPipelineSchedules]  
[system].[tPipelineSteps]  
[system].[tSettings]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pMaskSQL]  
system

 **[system].[spEXPORT\_Setting]**

### MS\_Description

Procedure to create an SQL Script, which imports an Setting in OCT.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@SettingID <i>ID of the Setting to be exported.</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tSettings]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[spGET\_APILog]**

### MS\_Description

Procedure returns the last @RowCount Rows from the API Log table

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@RowCount <i>Number of rows the procedure should return.</i>	int	4

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tAPI\_Log]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[spGET\_Connector]**
**MS\_Description**

Procedure to get one or all ConnectorQueries.

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@SourceSystemID <i>SourceSystemID - ID of the source ERP system.</i>	nvarchar(50)	100
@SourceSystemType <i>SourceSystemType - type of connection to the source ERP system (MSSQL, ORACLE, ODBC).</i>	nvarchar(50)	100
@ModuleID <i>ModuleID - ID of the module.</i>	nvarchar(50)	100

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[system].[tConnectors]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 system

## [system].[spGET\_ConnectorQuery]

### MS\_Description

Procedure to get one or all ConnectorQueries.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@SourceSystemID <i>SourceSystemID - ID of the source ERP system.</i>	nvarchar(50)	100
@SourceSystemType <i>SourceSystemType - type of connection to the source ERP system (MSSQL, ORACLE, ODBC).</i>	nvarchar(50)	100
@ModuleID <i>ModuleID - ID of the module.</i>	nvarchar(50)	100
@QueryName <i>QueryName - name of the query and target integration table.</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tConnectorQueries]  
[system].[tConnectors]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

## [system].[spGET\_ConnectorQueryFields]

### MS\_Description

Procedure to get one or all ConnectorQueries.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@ModuleID <i>ModuleID - ID of the module.</i>	nvarchar(50)	100
@QueryName <i>QueryName - name of the query and target integration table.</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

## [system].[spGET\_ConnectorTree]

### MS\_Description

Procedure to get one or all Connectors.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tConnectorQueries]  
[system].[tConnectors]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[spGET\_Dashboards]**

### MS\_Description

Procedure returns all Dashboards (without Layout), or one Dashboard (with Layout)

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@DashboardID <i>optional - ID of the Dashboard. Can be skipped to get all Dashboards (without Layoutdefinition).</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tDashboards]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

## [system].[spGET\_DatabaseRoles]

### MS\_Description

Returns the roles of the executing user.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Parameter is ignored.</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
system

## [system].[spGET\_DataSources]

### MS\_Description

Prozedur gibt eine oder all Datasources zurück.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@DataSourceID <i>ID of the requested DataSource. Use DataSourceID = " to get all DataSources.</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tDataSources]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[spGET\_DBInfo]**
**MS\_Description**

Procedure to get a collection of database informations. Pass the Clientusername SQL to request the rights of the service.

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@ClientUser <i>Not logged if its not a clustermember to protect from footprinting access scans.</i>	nvarchar(255)	510
@InfoLevel <i>Control the amount of informations deliverd. 1 = Basic Info, 2 = extended Info.</i>	int	4

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

**Uses**

[planning].[tFiles]  
 [system].[trUser]  
 [system].[tSettings]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 system

 **[system].[spGET\_Emails]**

### MS\_Description

Procedure to get one or all Emails.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@EmailID <i>EmailID - optional to get only one Email, use empty string to get all Emails.</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tEmails]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

## [system].[spGET\_Icons]

### MS\_Description

Procedure to get a single icon or all

### Parameters

Name	Data Type	Max Length (Bytes)
@IconName <i>IconName</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tlcons]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_pProtectString]  
 system

## [system].[spGET\_LogicIndexItems]

### MS\_Description

spGET\_LogicIndexItems

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tLogicIndex]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[spGET\_ObjectTree]**

### MS\_Description

Procedure to create an object tree as list of all database objects with its metadata. The owner and shipment status of the objects

will control update processes etc.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username for whom the action is down.</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[spGET\_PipelineLog]**

### MS\_Description

Procedure to get all or filtered log data for Pipelines.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@PipelineID <i>Optional - PipelineID to get only the logs of this pipeline.</i>	nvarchar(50)	100
@ExecutionID <i>Optional - ExecutionID to get only the logs of this ExecutionID.</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tPipelineLog]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[spGET\_Pipelines]**

### MS\_Description

Procedure to get one or all Pipelines.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@PipelineID <i>PipelineID - optional get only one Pipeline, use empty string to get all Pipelines.</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tPipelines]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

## [system].[spGET\_PipelineSchedules]

### MS\_Description

Procedure returns one or all schedules of a given pipeline.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@PipelineID <i>ID of the Pipeline, which schedules are to read - use ' to read all schedules of this database.</i>	nvarchar(50)	100
@ScheduleID <i>ID of the schedule to read - use ' to read all schedules of this pipeline.</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tPipelines]  
[system].[tPipelineSchedules]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

## [system].[spGET\_PipelineStepLog]

### MS\_Description

Prozedur ot GET all or filterd StepLog Data

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@PipelineID <i>optional (but mandantory if StepID is used) - ID of the Pipeline to get the logs from</i>	nvarchar(50)	100
@StepID <i>optional - ID of the Step to get the logs from</i>	nvarchar(50)	100
@ExecutionID <i>optional - Exectuion ID of the Pipeline to get the logs from</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tPipelines]  
[system].[tPipelineStepLog]  
[system].[tPipelineSteps]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

## [system].[spGET\_PipelineSteps]

### MS\_Description

Procedure returns one or all steps of a given pipeline.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@PipelineID <i>ID of the pipeline, whichs steps are requested.</i>	nvarchar(50)	100
@StepID <i>ID of the Step to get, use " to get all Steps.</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tPipelines]  
[system].[tPipelineSteps]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[spGET\_ProcessLog]**

### MS\_Description

Procedure to return the last @RowCount rows from the process log table

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@RowCount <i>Number of requested rows.</i>	int	4

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tProcessLogs]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[spGET\_Reports]**

### MS\_Description

Procedure returns all reports (without Layout), or one Report (with Layout)

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@ReportID <i>optional - ID of the report. Can be skipped to get all reports (without Layoutdefinition).</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tReports]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[spGET\_User]**

### MS\_Description

GET Operation for a User

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@RequestedUserName <i>RequestedUserName</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[trUser]  
[dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]  
system

 **[system].[spGET\_UserRight]**
**MS\_Description**

GET Operation for User rights

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@RequestedUserName <i>RequestedUserName</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [system].[trUser]  
 [system].[trUserRights]  
 [dbo].[sx\_pf\_pGET\_ClusterWriteRight]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectString]  
 system

## [system].[spGET\_UserRightInformation]

### MS\_Description

Procedure to get right informations for an User - returns the Right as String - Read, Write, EXECUTE, DESIGN

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Standardparameter, executing User - use "SQL"</i>	nvarchar(255)	510
@UsernameRequestedUser <i>Name of the user for which rights are requested</i>	nvarchar(255)	510
@RightAreaCODE <i>CODE to specify the Rightarea, use DATAFLOWS or DATAENTRY, keep empty to get all</i>	nvarchar(50)	100
@FactoryID <i>FactoryID in case of requesting Rights for DATAENTRY, keep empty to get all</i>	nvarchar(50)	100
@ProductLineID <i>ProductLineID in case of requesting Rights for DATAENTRY, keep empty to get all</i>	nvarchar(50)	100
@PipelineID <i>PipelineID in case of requesting Rights for DATAFLOWS, keep empty to get all</i>	nvarchar(50)	100
@FullStructureBOOL <i>1 or 0 to flag if the full structure under the node (downwards) is included into the output</i>	bit	1

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tPipelines]  
[system].[trUserRights]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]

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Information

[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

## [system].[spGET\_Users]

### MS\_Description

GET Operation to read all Users, only allowed for Clusteradmin.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[trUser]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectString]  
 system

## [system].[spMaterialize\_trUserRights]

### MS\_Description

Procedure to materialize effective Userrights on all levels from trUser and trRights, which save only highest level.  
Procedure will be triggered from any action on tables trUser and trRights.

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[planning].[tdFactories]  
[planning].[tdProductLines]  
[system].[trRights]  
[system].[trUser]  
[system].[trUserRights]  
system

### Used By

[dbo].[sx\_pf\_COPY\_Factory]  
[dbo].[sx\_pf\_COPY\_ProductLine]  
[dbo].[sx\_pf\_MOVE\_Factory]  
[dbo].[sx\_pf\_MOVE\_ProductLine]  
[dbo].[sx\_pf\_POST\_Factory]  
[dbo].[sx\_pf\_POST\_ProductLine]

 **[system].[spMOVE\_Pipeline]**

### MS\_Description

Procedure to move a Pipeline to a different ID.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@SourcePipelineID <i>ID of the Pipeline which will be moved.</i>	nvarchar(50)	100
@TargetPipelineID <i>New ID for the pipeline, this ID must not be in use at the moment.</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tPipelines]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[spPOST\_Connector]**
**MS\_Description**

Procedure to POST a Connector.

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@SourceSystemID <i>SourceSystemID - ID of the source ERP system.</i>	nvarchar(50)	100
@SourceSystemType <i>SourceSystemType - type of connection to the source ERP system (MSSQL, ORACLE, ODBC).</i>	nvarchar(50)	100
@ModuleID <i>ModuleID - ID of the module.</i>	nvarchar(50)	100
@ConnectorDescription <i>Description of the connector.</i>	nvarchar(4000)	8000
@ConnectorDescriptionURL	nvarchar(255)	510
@ConnectorVersion <i>Version number of the connector.</i>	int	4

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[system].[tConnectors]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 system

## [system].[spPOST\_ConnectorQuery]

### MS\_Description

Procedure to POST a Connector Query.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@SourceSystemID <i>SourceSystemID - ID of the source ERP system.</i>	nvarchar(50)	100
@SourceSystemType <i>SourceSystemType - type of connection to the source ERP system (MSSQL, ORACLE, ODBC).</i>	nvarchar(50)	100
@ModuleID <i>ModuleID - ID of the module.</i>	nvarchar(50)	100
@QueryName <i>QueryName - name of the query and target integration table.</i>	nvarchar(50)	100
@QuerySQL <i>SQL statement that is used to read data from the source system.</i>	nvarchar(max)	max
@QueryVersionComment <i>Comment for this specific version of the connector query.</i>	nvarchar(4000)	8000

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tConnectorQueries]  
[system].[tConnectors]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
system

## [system].[spPOST\_Dashboard]

### MS\_Description

Procedure POST a Dashboard Definition.

### Parameters

Name	Data Type	Max Length (Bytes)	Direction
@Username	nvarchar(255)	510	
@DashboardID <i>BusinessID for the Dashboard - optional, autogenerated when posted as *.</i>	nvarchar(50)	100	
@DashboardName <i>Name for the Dashboard.</i>	nvarchar(255)	510	
@DashboardDescription <i>Description for the Dashboard.</i>	nvarchar(4000)	8000	
@LayoutDefinition <i>Layout Definition for the Dashboard as varbinary with images etc..</i>	varbinary(max)	max	
@OutputID	nvarchar(50)	100	Out

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tDashboards]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
system

## [system].[spPOST\_DataSource]

### MS\_Description

Procedure to POST a DataSource.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username	nvarchar(255)	510
@DataSourceID <i>The ID of the DataSource, an ID which is used to identify the datasource</i>	nvarchar(50)	100
@DataSourceName <i>The name of the DataSource, free description</i>	nvarchar(255)	510
@SourceType <i>The Source type of the datasource, its a CODE Word like MSSQL and determines the way a connection is established.</i>	nvarchar(50)	100
@ConnectionValuesJSON <i>Encrypted string containing the Connection String including credentials.</i>	nvarchar(max)	max

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tDataSources]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[spPOST\_Email]**
**MS\_Description**

Procedure to POST a Email.

**Parameters**

Name	Data Type	Max Length (Bytes)	Direction
@Username	nvarchar(255)	510	
@EmailID <i>ID of the Email, will be updated or replaced, use * to create an new Email with AutoID E1..En</i>	nvarchar(50)	100	
@EmailSubject <i>Subject of the Email</i>	nvarchar(2000)	4000	
@EmailRecipients <i>List of Email Recipients, semicolon separated</i>	nvarchar(4000)	8000	
@EmailText <i>EmailText</i>	nvarchar(max)	max	
@EmailAttachments <i>List of FileIDs, semicolon separated</i>	nvarchar(2000)	4000	
@EmailStatusCode <i>Status Code for the Email, can be PENDING,ERROR,SENT</i>	nvarchar(50)	100	
@SourceTypeCODE <i>Source Type (who created this mail) - can be PIPELINE, EVENT, MANUALLY</i>	nvarchar(50)	100	
@SourceID <i>ID combination of the source of the mail - e.g. [DataSource-ID]-[PipelineID] or [FactoryID]-[ProductLineID]-[ProductID] or something else - only for Debugging, not technical used</i>	nvarchar(50)	100	
@CreationDate <i>Datetime of Email creation</i>	datetime	8	
@PostDate <i>Datetime of Email posting</i>	datetime	8	
@OutputID	nvarchar(50)	100	Out

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core

SX_ShipmentFlag	1
SX_UserHint	

## Uses

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[system].[tEmails]

[dbo].[sx\_pf\_pPOST\_API\_LogEntry]

[dbo].[sx\_pf\_Determine\_TransactionUsername]

[dbo].[sx\_pf\_pProtectID]

system

 **[system].[spPOST\_Icon]**

### MS\_Description

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spPOST\_Icon

### Parameters

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Name	Data Type	Max Length (Bytes)
@UserName <i>UserName</i>	nvarchar(255)	510
@IconName <i>IconName</i>	nvarchar(255)	510
@FileExtension <i>FileExtension</i>	nvarchar(50)	100
@FileBody <i>FileBody</i>	varbinary(max)	max

### Permissions

---

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

---

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

---

[system].[tlcons]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]  
system

## [system].[spPOST\_LogicIndexItem]

### MS\_Description

Procedure to POST an LogicIndexItem. Every activation of an module will call this procedure so save the information that this module in that version was activated on a certain day.

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@ModuleID <i>ModuleID</i>	nvarchar(50)	100
@ModuleVersion <i>ModuleVersion</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tLogicIndex]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

 **[system].[spPOST\_Pipeline]**
**MS\_Description**

Procedure to POST a Pipeline.

**Parameters**

Name	Data Type	Max Length (Bytes)	Direction
@Username	nvarchar(255)	510	
@PipelineID <i>ID of the Pipeline, will be updated or replaced, use * to create an new Pipeline with AutoID P1..Pn</i>	nvarchar(50)	100	
@PipelineName <i>Name of the Pipeline</i>	nvarchar(255)	510	
@PipelineDescription <i>Description of the Pipeline</i>	nvarchar(4000)	8000	
@PipelineDescriptionIconColor <i>Icon Color for the description, written as HEX Code.</i>	nvarchar(50)	100	
@OrderOfDisplay <i>Ordernumber for displaying the Pipelines</i>	int	4	
@EmailNotificationCODE <i>EmailNotificationCODE of the Pipeline - must be NEVER, ALWAYS or ONERROR.</i>	nvarchar(50)	100	
@OutputID	nvarchar(50)	100	Out

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[system].[tPipelines]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]

system

## [system].[spPOST\_PipelineLog]

### MS\_Description

Procedure to POST an Logentry for an Pipeline

### Parameters

Name	Data Type	Max Length (Bytes)	Direction
@Username	nvarchar(255)	510	
@PipelineID <i>ID of the Pipeline this LogEntry belongs to</i>	nvarchar(50)	100	
@ExecutionID <i>ExecutionID in case of update operation - POST as * to generate a new ExecutionID</i>	nvarchar(50)	100	
@ExecutionServerName <i>Name of the Server, which executed this task</i>	nvarchar(255)	510	
@StatusCODE <i>Status CODE of the PipelineLog - see list at table definiton.</i>	nvarchar(50)	100	
@StartedBy <i>Name of the user who started this pipeline, is Scheduler in case of scheduler started</i>	nvarchar(255)	510	
@StartTime <i>Time of starting the Pipeline</i>	datetime	8	
@EndTime <i>Time the pipeline was finished or setted to finish due to not succesful ending.</i>	datetime	8	
@OutputID <i>Returns the used or new generated ExecutionID</i>	nvarchar(50)	100	Out

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tPipelineLog]

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[system].[tPipelines]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[system].[pPOST\_ProcessLogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
system  
[system].[seqPipelineLog]

## [system].[spPOST\_PipelineSchedule]

### MS\_Description

Procedure to call demo values.

### Parameters

Name	Data Type	Max Length (Bytes)	Direction
@Username	nvarchar(255)	510	
@PipelineID <i>ID of the Pipeline which contains this schedule.</i>	nvarchar(50)	100	
@ScheduleID <i>ID of the Schedule - POST * to create a new autogenerated ID.</i>	nvarchar(50)	100	
@ScheduleName <i>optional - name for the schedule.</i>	nvarchar(255)	510	
@ScheduleDescription <i>optional - description for the schedule.</i>	nvarchar(4000)	8000	
@ScheduleDetailsJSON <i>optional - definition of the schedule.</i>	nvarchar(max)	max	
@Active <i>optional - Flag to set schedule to active / inactive.</i>	bit	1	
@OutputID	nvarchar(50)	100	Out

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

### Uses

[system].[tPipelines]  
[system].[tPipelineSchedules]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]

Project > W10 > User databases > OCT > Programmability > Stored Procedures > system.spPOST\_Pipeline-Schedule

[dbo].[sx\_pf\_pProtectID]  
system

## [system].[spPOST\_PipelineStep]

### MS\_Description

Procedure to POST a Pipeline step, optional Parameter can be skipped, which will keep existing values.

### Parameters

Name	Data Type	Max Length (Bytes)	Direction
@Username	nvarchar(255)	510	
@PipelineID <i>ID of the Pipeline of the step.</i>	nvarchar(50)	100	
@StepID <i>ID of the Step to POST, as StepID you can pass * to create an AutoID S1..Sn</i>	nvarchar(50)	100	
@StepName <i>optional - name of the Step</i>	nvarchar(255)	510	
@StepDescription <i>optional - description of the Step</i>	nvarchar(4000)	8000	
@OrderOfExecution <i>optional - number for order of execution</i>	int	4	
@StepDataSourceID <i>not in use, Datasource is saved in StepDetailsJSON</i>	nvarchar(50)	100	
@StepCompanyIDsJSON <i>optional - JSON Array of the Company IDs to use in this Step</i>	nvarchar(max)	max	
@StepDetailsJSON <i>Configuration of the step</i>	nvarchar(max)	max	
@TimeExecutionLimit <i>Execution Time Limit in minutes</i>	int	4	
@Active <i>Flag if the step is active</i>	bit	1	
@ModuleID <i>ID of the accociated Module, for Steps which have a module parameter.</i>	nvarchar(50)	100	
@StartNextStepOnError <i>Setting if the next step is started if this step ends with error.</i>	bit	1	
@OutputID	nvarchar(50)	100	Out

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
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SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

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[system].[tPipelines]  
[system].[tPipelineSteps]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
system

## [system].[spPOST\_PipelineStepLog]

### MS\_Description

Procedure to POST Step LogEntries

### Parameters

Name	Data Type	Max Length (Bytes)	Direction
@Username	nvarchar(255)	510	
@PipelineID <i>ID of the Pipeline this log belongs to.</i>	nvarchar(50)	100	
@StepID <i>ID of the Step this log belongs to.</i>	nvarchar(50)	100	
@ExecutionID <i>Execution - taken from the PipelineLog to keep Pipeline Log and Step Log together</i>	nvarchar(50)	100	
@StartTime <i>optional - Start Time of the Step</i>	datetime	8	
@EndTime <i>optional - End Time of the Step</i>	datetime	8	
@StatusCODE <i>Status CODE - for definition see table.</i>	nvarchar(50)	100	
@LogMessage <i>Log Message - will always be appended.</i>	nvarchar(max)	max	
@ReplaceMessageBOOL <i>Flag if the sendd Log Message will replace the existing message (1), in case of 0 the message is appended to the existing one and a line break is added.</i>	bit	1	
@HandleID <i>HandleID to connect Pentaho Process</i>	nvarchar(50)	100	
@OutputID <i>OutputID is the ExecutionID</i>	nvarchar(50)	100	Out

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

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[system].[tPipelineLog]  
[system].[tPipelines]  
[system].[tPipelineStepLog]  
[system].[tPipelineSteps]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[system].[pPOST\_ProcessLogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectID]  
system

 **[system].[spPOST\_Report]**
**MS\_Description**

Procedure POST a Report Definition.

**Parameters**

Name	Data Type	Max Length (Bytes)	Direction
@Username	nvarchar(255)	510	
@ReportID <i>BusinessID for the Report - optional, autogenerated when posted as *.</i>	nvarchar(50)	100	
@ReportName <i>Name for the Report.</i>	nvarchar(255)	510	
@ReportDescription <i>Description for the Report.</i>	nvarchar(4000)	8000	
@LayoutDefinition <i>Layout Definition for the Report as varbinary with images etc..</i>	varbinary(max)	max	
@OutputID	nvarchar(50)	100	Out

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[system].[tReports]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectID]  
 system

 **[system].[spPOST\_Right]**
**MS\_Description**

POST Operation for UserRight

UserRight will be created always, not fitting other rights will be deleted to ensure enheritance

**Parameters**

Name	Data Type	Max Length (Bytes)
@UserName <i>UserName</i>	nvarchar(255)	510
@PostUserName <i>PostUserName</i>	nvarchar(255)	510
@FactoryID <i>FactoryID</i>	nvarchar(255)	510
@ProductLineID <i>ProductLineID</i>	nvarchar(255)	510
@Right <i>Right</i>	nvarchar(255)	510
@ReadCommentMandatory <i>ReadCommentMandatory</i>	nvarchar(255)	510
@WriteCommentMandatory <i>WriteCommentMandatory</i>	nvarchar(255)	510

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

**Uses**

[planning].[tdFactories]  
 [planning].[tdProductLines]  
 [system].[trRights]  
 [system].[trUser]  
 [dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
 [dbo].[sx\_pf\_Determine\_TransactionUsername]  
 [dbo].[sx\_pf\_pProtectBoolean]

[dbo].[sx\_pf\_pProtectID]  
[dbo].[sx\_pf\_pProtectString]  
system

 **[system].[spPOST\_User]**
**MS\_Description**

POST Operation for a User

Not existing User will be created, existing one updated

If attributes passed with value <#NV>, it will be ignored during the update and maintain the existing value, during insert the attribute is created empty

**Parameters**

Name	Data Type	Max Length (Bytes)
@Username <i>Username</i>	nvarchar(255)	510
@PostUserName <i>PostUserName</i>	nvarchar(255)	510
@PersonSurname <i>PersonSurname</i>	nvarchar(255)	510
@PersonFirstName <i>PersonFirstName</i>	nvarchar(255)	510
@Email <i>Email</i>	nvarchar(255)	510
@LDAPIP <i>LDAPIP</i>	nvarchar(255)	510
@Status <i>Status</i>	nvarchar(255)	510
@DataFlowRightsCODE <i>CODE Word for the DataFlow Rights of this user - DESIGNER, EXECUTOR, NONE</i>	nvarchar(255)	510
@VisualizationRightsCODE <i>CODE Word for the Visualalitzation Rights of this user - DESIGNER, VIEWER, NONE</i>	nvarchar(255)	510
@IsAdministratorFlag <i>Flag 0/1 so set this user as an Administrator of this database.</i>	bit	1

**Permissions**

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryService

**Extended Properties**

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1
SX_UserHint	

## Uses

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[system].[trRights]  
[system].[trUser]  
[dbo].[sx\_pf\_pPOST\_API\_LogEntry]  
[dbo].[sx\_pf\_Determine\_TransactionUsername]  
[dbo].[sx\_pf\_pProtectString]  
system

 **Table-valued Functions**

Objects

Name
<b>dbo.sx_pf_PivotStringIntoTable</b> <i>Function to split a String into a TableVariable.</i>
<b>system.fGetColumns</b> <i>Function to GET for a requested table or view all ColumnNames and the properties if the column is calculated and if this Column is part of the key.</i>

## [dbo].[sx\_pf\_PivotStringIntoTable]

### MS\_Description

Function to split a String into a TableVariable.

### Parameters

Name	Data Type	Max Length (Bytes)
@String <i>The pivot string.</i>	nvarchar(max)	max
@Delimiter <i>The delimiter to split the string.</i>	nvarchar(5)	10

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Used By

[dbo].[sx\_pf\_POST\_ProductDataTableValues]  
[dbo].[sx\_pf\_POST\_Timeline]

## [system].[fGetColumns]

### MS\_Description

Function to GET for a requested table or view all ColumnNames and the properties if the column is calculated and if this Column is part of the key.

### Parameters

Name	Data Type	Max Length (Bytes)
@Schema <i>Parameter schema.</i>	nvarchar(50)	100
@Table <i>Parameter table.</i>	nvarchar(50)	100

### Permissions

Type	Action	Owning Principal
Grant	SELECT	pf_PlanningFactoryService

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

system

### Used By

[agent].[pCreateJSONView]  
[agent].[pSyncDimensionToGlobal]

## **Scalar-valued Functions**

### Objects

Name
<b>calc.sfOCTDate2SQLDate</b> <i>Function to call demo values.</i>
<b>calc.sfReplaceNonXMLCharacters</b> <i>Function to remove all non xml conform characters in a string.</i>
<b>calc.sfSQLDate2TimeID</b> <i>Function convert an OCT TimeID to an SQL DateFormat, returns NULL for invalid Dates.</i>
<b>calc.sfTimeID2SQLDate</b> <i>Function convert an OCT TimeID to an SQL DateFormat.</i>
<b>calc.sfUnifyLinebreaks</b> <i>Function for adjusting Linebreaks of type "LF" to "CRLF"</i>
<b>dbo.Day_of_Week_DE</b> <i>Function for day of the week.</i>
<b>dbo.sx_pf_Determine_TransactionUsername</b> <i>Function and determine the business username for the transaction -</i> <i>only for active users and the priviledged database roles FactoryService and db_owner an username is returnd.</i>
<b>dbo.sx_pf_pMaskSQL</b> <i>Function to mask strings, which will be part of an SQL Statement - it just doubles all inverted commas.</i>
<b>dbo.sx_pf_pProtectBoolean</b> <i>Function returns a 0 when the passed parameter is not either 0 or 1. @BooleanValue =&lt;#NV&gt;is ignored and not changed.</i>
<b>dbo.sx_pf_pProtectID</b> <i>Function to replace all special signs from ID.</i>
<b>dbo.sx_pf_pProtectInt</b> <i>Function cast all expression to int or return 0 for non-int values, except the &lt;#NV&gt; String this is passed anytime.</i>
<b>dbo.sx_pf_pProtectString</b> <i>Function to eliminate all not permitted special characters from @StringValue.</i>
<b>dbo.sx_pf_pRemoveLinebreaks</b> <i>Function to remove Linebreaks from a string.</i>
<b>dbo.Week_of_Year_DE</b> <i>Function for week of the year.</i>

## [calc].[sfOCTDate2SQLDate]

### MS\_Description

Function to call demo values.

### Properties

Property	Value
ANSI Nulls On	True
Quoted Identifier On	True

### Parameters

Name	Data Type	Max Length (Bytes)
@OCTDate <i>Date in OCT Format from ProductDataTable (Number) which must be passed in number with scale 1</i>	bigint	8

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

calc

## [calc].[sfReplaceNonXMLCharacters]

### MS\_Description

Function to remove all non xml conform characters in a string.

### Properties

Property	Value
ANSI Nulls On	True
Quoted Identifier On	True

### Parameters

Name	Data Type	Max Length (Bytes)
@String <i>Any string, where non-xml conform characters must be removed.</i>	nvarchar(max)	max

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

calc

### Used By

[import].[spPOST\_fValuesPDTV]

## [calc].[sfSQLDate2TimeID]

### MS\_Description

Function convert an OCT TimeID to an SQL DateFormat, returns NULL for invalid Dates.

### Properties

Property	Value
ANSI Nulls On	True
Quoted Identifier On	True

### Parameters

Name	Data Type	Max Length (Bytes)
@Date <i>Date or string written as 'YYYY-MM-DD'</i>	date	3

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

calc

## [calc].[sfTimeID2SQLDate]

### MS\_Description

Function convert an OCT TimeID to an SQL DateFormat.

### Properties

Property	Value
ANSI Nulls On	True
Quoted Identifier On	True

### Parameters

Name	Data Type	Max Length (Bytes)
@TimeID <i>TimeID, written YYYYMMDD, returns NULL for invalid Dates.</i>	int	4

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

calc

## [calc].[sfUnifyLinebreaks]

### MS\_Description

Function for adjusting Linebreaks of type "LF" to "CRLF"

### Properties

Property	Value
ANSI Nulls On	True
Quoted Identifier On	True

### Parameters

Name	Data Type	Max Length (Bytes)
@String <i>Any string which may contain linebreaks</i>	nvarchar(max)	max

### Extended Properties

Name	Value
SX_Module	DEMO
SX_Owner	OCT.core
SX_ShipmentFlag	0

### Uses

calc

### Used By

[dbo].[sx\_pf\_EXPORT\_Factory]  
[dbo].[sx\_pf\_EXPORT\_Product]  
[dbo].[sx\_pf\_EXPORT\_ProductLine]

## [dbo].[Day\_of\_Week\_DE]

### MS\_Description

Function for day of the week.

### Properties

Property	Value
ANSI Nulls On	True
Quoted Identifier On	True

### Parameters

Name	Data Type	Max Length (Bytes)
@d <i>Datetime parameter.</i>	datetime	8

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Used By

[dbo].[Week\_of\_Year\_DE]

## [dbo].[sx\_pf\_Determine\_TransactionUsername]

### MS\_Description

Function and determine the business username for the transaction -  
only for active users and the privileged database roles FactoryService and db\_owner an username is returned.

### Properties

Property	Value
ANSI Nulls On	True
Quoted Identifier On	True

### Parameters

Name	Data Type	Max Length (Bytes)
@Username <i>The name of the user, in which name the transaction shall happen. Pass in "SQL" if the Service shall act for himself.</i>	nvarchar(255)	510

### Permissions

Type	Action	Owning Principal
Grant	EXECUTE	pf_PlanningFactoryUser

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

[system].[trUser]

### Used By

[control].[spParamTables]  
[dbo].[sx\_pf\_COPY\_Factory]  
[dbo].[sx\_pf\_COPY\_Format]  
[dbo].[sx\_pf\_COPY\_List]  
[dbo].[sx\_pf\_COPY\_Product]  
[dbo].[sx\_pf\_COPY\_ProductLine]  
[dbo].[sx\_pf\_COPY\_ValueSerie]

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
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[system].[spPOST\_Right]  
[system].[spPOST\_User]

 [dbo].[sx\_pf\_pMaskSQL]

## MS\_Description

Function to mask strings, which will be part of an SQL Statement - it just doubles all inverted commas.

## Properties

Property	Value
ANSI Nulls On	True
Quoted Identifier On	True

## Parameters

Name	Data Type	Max Length (Bytes)
@StringValue <i>String, which will be returned with doubled inverted commas.</i>	nvarchar(max)	max

## Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Used By

[dbo].[sx\_pf\_EXPORT\_Factory]  
[dbo].[sx\_pf\_EXPORT\_Product]  
[dbo].[sx\_pf\_EXPORT\_ProductLine]  
[system].[spEXPORT\_Connector]  
[system].[spEXPORT\_Pipeline]

## [dbo].[sx\_pf\_pProtectBoolean]

### MS\_Description

Function returns a 0 when the passed parameter is not either 0 or 1. @BooleanValue =<#NV>is ignored and not changed.

### Properties

Property	Value
ANSI Nulls On	True
Quoted Identifier On	True

### Parameters

Name	Data Type	Max Length (Bytes)
@BooleanValue <i>Boolean parameter.</i>	nvarchar(255)	510

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Used By

[dbo].[sx\_pf\_POST\_Statement]  
[dbo].[sx\_pf\_POST\_ValueSerie]  
[system].[spPOST\_Right]

## [dbo].[sx\_pf\_pProtectID]

### MS\_Description

Function to replace all special signs from ID.

### Properties

Property	Value
ANSI Nulls On	True
Quoted Identifier On	True

### Parameters

Name	Data Type	Max Length (Bytes)
@ElementID <i>Element ID Parameter.</i>	nvarchar(255)	510

### Extended Properties


Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Used By

[dbo].[sx\_pf\_COPY\_Factory]  
[dbo].[sx\_pf\_COPY\_Format]  
[dbo].[sx\_pf\_COPY\_List]  
[dbo].[sx\_pf\_COPY\_Product]  
[dbo].[sx\_pf\_COPY\_ProductLine]  
[dbo].[sx\_pf\_COPY\_ValueSerie]  
[dbo].[sx\_pf\_DELETE\_ClusterProperty]  
[dbo].[sx\_pf\_DELETE\_Factory]  
[dbo].[sx\_pf\_DELETE\_FactoryProperty]  
[dbo].[sx\_pf\_DELETE\_Format]  
[dbo].[sx\_pf\_DELETE\_List]  
[dbo].[sx\_pf\_DELETE\_Preference]  
[dbo].[sx\_pf\_DELETE\_Product]  
[dbo].[sx\_pf\_DELETE\_ProductDataTableValues]  
[dbo].[sx\_pf\_DELETE\_ProductLine]  
[dbo].[sx\_pf\_DELETE\_ProductLineProperty]  
[dbo].[sx\_pf\_DELETE\_ProductProperty]  
[dbo].[sx\_pf\_DELETE\_Right]  
[dbo].[sx\_pf\_DELETE\_TimelD]  
[dbo].[sx\_pf\_DELETE\_Value]

[dbo].[sx\_pf\_DELETE\_Values]  
[dbo].[sx\_pf\_DELETE\_ValueSerie]  
[dbo].[sx\_pf\_EXPORT\_Factory]  
[dbo].[sx\_pf\_EXPORT\_Product]  
[dbo].[sx\_pf\_EXPORT\_ProductLine]  
[dbo].[sx\_pf\_GET\_AllProductListValues]  
[dbo].[sx\_pf\_GET\_ClusterProperty]  
[dbo].[sx\_pf\_GET\_Factory]  
[dbo].[sx\_pf\_GET\_FactoryProperties]  
[dbo].[sx\_pf\_GET\_FactoryProperty]  
[dbo].[sx\_pf\_GET\_FlexAction]  
[dbo].[sx\_pf\_GET\_FlexDrill]  
[dbo].[sx\_pf\_GET\_FlexList]  
[dbo].[sx\_pf\_GET\_Format]  
[dbo].[sx\_pf\_GET\_HTMLPage]  
[dbo].[sx\_pf\_GET\_HTMLPages]  
[dbo].[sx\_pf\_GET\_Info\_NextFreeProductID]  
[dbo].[sx\_pf\_GET\_Info\_NextFreeProductLineID]  
[dbo].[sx\_pf\_GET\_List]  
[dbo].[sx\_pf\_GET\_ListValues]  
[dbo].[sx\_pf\_GET\_Preference]  
[dbo].[sx\_pf\_GET\_Product]  
[dbo].[sx\_pf\_GET\_ProductDataTableValues]  
[dbo].[sx\_pf\_GET\_ProductLine]  
[dbo].[sx\_pf\_GET\_ProductLineProperties]  
[dbo].[sx\_pf\_GET\_ProductLineProperty]  
[dbo].[sx\_pf\_GET\_ProductLines]  
[dbo].[sx\_pf\_GET\_ProductProperties]  
[dbo].[sx\_pf\_GET\_ProductProperty]  
[dbo].[sx\_pf\_GET\_ProductRanges]  
[dbo].[sx\_pf\_GET\_Products]  
[dbo].[sx\_pf\_GET\_Statements]  
[dbo].[sx\_pf\_GET\_TimeIDs]  
[dbo].[sx\_pf\_GET\_Value]  
[dbo].[sx\_pf\_GET\_Values]  
[dbo].[sx\_pf\_GET\_ValueSerie]  
[dbo].[sx\_pf\_GET\_ValueSeries]  
[dbo].[sx\_pf\_MOVE\_Factory]  
[dbo].[sx\_pf\_MOVE\_Format]  
[dbo].[sx\_pf\_MOVE\_List]  
[dbo].[sx\_pf\_MOVE\_Product]  
[dbo].[sx\_pf\_MOVE\_ProductLine]  
[dbo].[sx\_pf\_MOVE\_ValueSerie]  
[dbo].[sx\_pf\_POST\_Cleanup]  
[dbo].[sx\_pf\_POST\_ClusterProperty]  
[dbo].[sx\_pf\_POST\_Factory]  
[dbo].[sx\_pf\_POST\_FactoryProperty]  
[dbo].[sx\_pf\_POST\_FlexAction]  
[dbo].[sx\_pf\_POST\_Format]  
[dbo].[sx\_pf\_POST\_HTMLPage]  
[dbo].[sx\_pf\_POST\_List]  
[dbo].[sx\_pf\_POST\_ListValue]  
[dbo].[sx\_pf\_POST\_Preference]  
[dbo].[sx\_pf\_POST\_Product]  
[dbo].[sx\_pf\_POST\_ProductDataTableValues]  
[dbo].[sx\_pf\_POST\_ProductEmpty]

[dbo].[sx\_pf\_POST\_ProductLine]  
[dbo].[sx\_pf\_POST\_ProductLineProperty]  
[dbo].[sx\_pf\_POST\_ProductProperty]  
[dbo].[sx\_pf\_POST\_Statement]  
[dbo].[sx\_pf\_POST\_Template]  
[dbo].[sx\_pf\_POST\_Template\_All]  
[dbo].[sx\_pf\_POST\_TimeID]  
[dbo].[sx\_pf\_POST\_Timeline]  
[dbo].[sx\_pf\_POST\_Value]  
[dbo].[sx\_pf\_POST\_ValueSerie]  
[global].[spGET\_Companies]  
[planning].[spCOPY\_Tab]  
[planning].[spDELETE\_Tab]  
[planning].[spGET\_File]  
[planning].[spGET\_Tabs]  
[planning].[spGET\_Values\_JSON]  
[planning].[spMOVE\_Tab]  
[planning].[spPOST\_File]  
[planning].[spPOST\_Products\_JSON]  
[planning].[spPOST\_Tab]  
[planning].[spPOST\_Values\_JSON]  
[result].[spDataEntryNumericValues]  
[result].[spDataEntryProfit]  
[result].[spEvents]  
[system].[pGET\_Setting]  
[system].[spPOST\_Connector]  
[system].[spPOST\_ConnectorQuery]  
[system].[spPOST\_Dashboard]  
[system].[spPOST\_Email]  
[system].[spPOST\_Pipeline]  
[system].[spPOST\_PipelineLog]  
[system].[spPOST\_PipelineSchedule]  
[system].[spPOST\_PipelineStepLog]  
[system].[spPOST\_Report]  
[system].[spPOST\_Right]

 [dbo].[sx\_pf\_pProtectInt]

## MS\_Description

Function cast all expression to int or return 0 for non-int values, except the <#NV> String this is passed anytime.

## Properties

Property	Value
ANSI Nulls On	True
Quoted Identifier On	True

## Parameters

Name	Data Type	Max Length (Bytes)
@IntValue <i>Parameter int value.</i>	nvarchar(255)	510

## Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## Used By

[agent].[pSync]  
[dbo].[sx\_pf\_POST\_ClusterProperty]  
[dbo].[sx\_pf\_POST\_FactoryProperty]  
[dbo].[sx\_pf\_POST\_Format]  
[dbo].[sx\_pf\_POST\_ListValue]  
[dbo].[sx\_pf\_POST\_ProductLineProperty]  
[dbo].[sx\_pf\_POST\_ProductProperty]  
[dbo].[sx\_pf\_POST\_Template]  
[dbo].[sx\_pf\_POST\_Template\_All]  
[dbo].[sx\_pf\_POST\_ValueSerie]

## [dbo].[sx\_pf\_pProtectString]

### MS\_Description

Function to eliminate all not permitted special characters from @StringValue.

### Properties

Property	Value
ANSI Nulls On	True
Quoted Identifier On	True

### Parameters

Name	Data Type	Max Length (Bytes)
@StringValue <i>Parameter string value.</i>	nvarchar(max)	max

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Used By

[agent].[pSync]  
[dbo].[sx\_pf\_COPY\_Factory]  
[dbo].[sx\_pf\_COPY\_Format]  
[dbo].[sx\_pf\_COPY\_List]  
[dbo].[sx\_pf\_COPY\_Product]  
[dbo].[sx\_pf\_COPY\_ProductLine]  
[dbo].[sx\_pf\_COPY\_ValueSerie]  
[dbo].[sx\_pf\_DELETE\_ClusterProperty]  
[dbo].[sx\_pf\_DELETE\_Factory]  
[dbo].[sx\_pf\_DELETE\_FactoryProperty]  
[dbo].[sx\_pf\_DELETE\_Format]  
[dbo].[sx\_pf\_DELETE\_List]  
[dbo].[sx\_pf\_DELETE\_ListValue]  
[dbo].[sx\_pf\_DELETE\_Preference]  
[dbo].[sx\_pf\_DELETE\_Product]  
[dbo].[sx\_pf\_DELETE\_ProductDataTableValues]  
[dbo].[sx\_pf\_DELETE\_ProductLine]  
[dbo].[sx\_pf\_DELETE\_ProductLineProperty]  
[dbo].[sx\_pf\_DELETE\_ProductProperty]  
[dbo].[sx\_pf\_DELETE\_Right]

[dbo].[sx\_pf\_DELETE\_TimeID]  
[dbo].[sx\_pf\_DELETE\_Value]  
[dbo].[sx\_pf\_DELETE\_Values]  
[dbo].[sx\_pf\_DELETE\_ValueSerie]  
[dbo].[sx\_pf\_EXPORT\_Factory]  
[dbo].[sx\_pf\_EXPORT\_Product]  
[dbo].[sx\_pf\_EXPORT\_ProductLine]  
[dbo].[sx\_pf\_GET\_AllProductListValues]  
[dbo].[sx\_pf\_GET\_ClusterAccessRight]  
[dbo].[sx\_pf\_GET\_ClusterProperties]  
[dbo].[sx\_pf\_GET\_ClusterProperty]  
[dbo].[sx\_pf\_GET\_ClusterValidation]  
[dbo].[sx\_pf\_GET\_ClusterWriteRight]  
[dbo].[sx\_pf\_GET\_Factories]  
[dbo].[sx\_pf\_GET\_Factory]  
[dbo].[sx\_pf\_GET\_FactoryProperties]  
[dbo].[sx\_pf\_GET\_FactoryProperty]  
[dbo].[sx\_pf\_GET\_FlexAction]  
[dbo].[sx\_pf\_GET\_FlexDrill]  
[dbo].[sx\_pf\_GET\_FlexList]  
[dbo].[sx\_pf\_GET\_Format]  
[dbo].[sx\_pf\_GET\_Formats]  
[dbo].[sx\_pf\_GET\_GlobalSearch]  
[dbo].[sx\_pf\_GET\_HTMLPage]  
[dbo].[sx\_pf\_GET\_HTMLPages]  
[dbo].[sx\_pf\_GET\_Info\_AllGlobalAttributeUsage]  
[dbo].[sx\_pf\_GET\_Info\_CustomFailureReport]  
[dbo].[sx\_pf\_GET\_Info\_GlobalAttributeUsage]  
[dbo].[sx\_pf\_GET\_Info\_Monitoring]  
[dbo].[sx\_pf\_GET\_Info\_NextFreeFactoryID]  
[dbo].[sx\_pf\_GET\_Info\_NextFreeProductID]  
[dbo].[sx\_pf\_GET\_Info\_NextFreeProductLineID]  
[dbo].[sx\_pf\_GET\_Info\_SystemFailureReport]  
[dbo].[sx\_pf\_GET\_Info\_UserRights]  
[dbo].[sx\_pf\_GET\_List]  
[dbo].[sx\_pf\_GET\_Lists]  
[dbo].[sx\_pf\_GET\_ListValues]  
[dbo].[sx\_pf\_GET\_Preference]  
[dbo].[sx\_pf\_GET\_Product]  
[dbo].[sx\_pf\_GET\_ProductDataTableValues]  
[dbo].[sx\_pf\_GET\_ProductLine]  
[dbo].[sx\_pf\_GET\_ProductLineProperties]  
[dbo].[sx\_pf\_GET\_ProductLineProperty]  
[dbo].[sx\_pf\_GET\_ProductLines]  
[dbo].[sx\_pf\_GET\_ProductProperties]  
[dbo].[sx\_pf\_GET\_ProductProperty]  
[dbo].[sx\_pf\_GET\_ProductRanges]  
[dbo].[sx\_pf\_GET\_Products]  
[dbo].[sx\_pf\_GET\_Statements]  
[dbo].[sx\_pf\_GET\_TimeIDs]  
[dbo].[sx\_pf\_GET\_Value]  
[dbo].[sx\_pf\_GET\_Values]  
[dbo].[sx\_pf\_GET\_ValueSerie]  
[dbo].[sx\_pf\_GET\_ValueSeries]  
[dbo].[sx\_pf\_MOVE\_Factory]  
[dbo].[sx\_pf\_MOVE\_Format]

[dbo].[sx\_pf\_MOVE\_List]  
[dbo].[sx\_pf\_MOVE\_Product]  
[dbo].[sx\_pf\_MOVE\_ProductLine]  
[dbo].[sx\_pf\_MOVE\_ValueSerie]  
[dbo].[sx\_pf\_POST\_Factory]  
[dbo].[sx\_pf\_POST\_FactoryProperty]  
[dbo].[sx\_pf\_POST\_FlexAction]  
[dbo].[sx\_pf\_POST\_Format]  
[dbo].[sx\_pf\_POST\_HTMLPage]  
[dbo].[sx\_pf\_POST\_List]  
[dbo].[sx\_pf\_POST\_ListValue]  
[dbo].[sx\_pf\_POST\_Preference]  
[dbo].[sx\_pf\_POST\_Product]  
[dbo].[sx\_pf\_POST\_ProductEmpty]  
[dbo].[sx\_pf\_POST\_ProductLine]  
[dbo].[sx\_pf\_POST\_ProductLineProperty]  
[dbo].[sx\_pf\_POST\_ProductProperty]  
[dbo].[sx\_pf\_POST\_Statement]  
[dbo].[sx\_pf\_POST\_Value]  
[dbo].[sx\_pf\_POST\_ValueSerie]  
[global].[spGET\_Companies]  
[planning].[spDELETE\_File]  
[planning].[spGET\_File]  
[planning].[spGET\_FileList]  
[planning].[spGET\_Products\_JSON]  
[planning].[spGET\_Values\_JSON]  
[planning].[spPOST\_File]  
[planning].[spPOST\_FileFromPath]  
[planning].[spPOST\_Products\_JSON]  
[planning].[spPOST\_Values\_JSON]  
[result].[spEvents]  
[system].[pGET\_Setting]  
[system].[pGET\_Settings]  
[system].[pPOST\_Setting]  
[system].[spCOPY\_Dashboard]  
[system].[spCOPY\_Report]  
[system].[spCOPY\_User]  
[system].[spDELETE\_Icon]  
[system].[spDELETE\_User]  
[system].[spGET\_Icons]  
[system].[spGET\_User]  
[system].[spGET\_UserRight]  
[system].[spGET\_Users]  
[system].[spPOST\_Icon]  
[system].[spPOST\_Right]  
[system].[spPOST\_User]

## [dbo].[sx\_pf\_pRemoveLinebreaks]

### MS\_Description

Function to remove Linebreaks from a string.

### Properties

Property	Value
ANSI Nulls On	True
Quoted Identifier On	True

### Parameters

Name	Data Type	Max Length (Bytes)
@StringValue <i>Parameter string value.</i>	nvarchar(max)	max

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

## [dbo].[Week\_of\_Year\_DE]

### MS\_Description

Function for week of the year.

### Properties

Property	Value
ANSI Nulls On	True
Quoted Identifier On	True

### Parameters

Name	Data Type	Max Length (Bytes)
@d <i>Datetime parameter.</i>	datetime	8

### Extended Properties

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

[dbo].[Day\_of\_Week\_DE]

### Used By

[dbo].[sx\_pf\_DATAOUTPUT\_Balance]  
[dbo].[sx\_pf\_DATAOUTPUT\_CashValues]

 **Sequences**

Objects

Name
system.seqPipelineLog <i>Sequence Object to create an execution ID for Pipeline runs.</i>

## [system].[seqPipelineLog]

### MS\_Description

---

Sequence Object to create an execution ID for Pipeline runs.

### Properties

---

Property	Value
Owner	system

### Extended Properties

---

Name	Value
SX_Module	CORE
SX_Owner	OCT.core
SX_ShipmentFlag	1

### Uses

---

system

### Used By

---

[system].[spPOST\_PipelineLog]

 **Users**

Objects

Name
dbo
guest
W10\FactoryService

 **dbo**

Properties

Property	Value
Type	WindowsUser
Login Name	W10\admin
Default Schema	dbo

Database Level Permissions

Type	Action
CONNECT	Grant

 **guest**

Properties

Property	Value
Type	SqlUser
Default Schema	guest

## W10\FactoryService

### Properties

---

Property	Value
Type	WindowsUser
Login Name	W10\FactoryService
Default Schema	dbo

### Database Level Permissions

---

Type	Action
CONNECT	Grant

### Used By

---

pf\_PlanningFactoryService

 **Database Roles**

**Objects**

Name
db_accessadmin
db_backupoperator
db_datareader
db_datawriter
db_ddladmin
db_denydatareader
db_denydatawriter
db_owner
db_securityadmin
pf_PlanningFactoryService
pf_PlanningFactoryUser
public

 **db\_accessadmin**

**Properties**

Property	Value
Owner	dbo

 **db\_backupoperator**

**Properties**

Property	Value
Owner	dbo

 **db\_datareader**

Properties

Property	Value
Owner	dbo

 **db\_datawriter**

Properties

Property	Value
Owner	dbo

 **db\_ddladmin**

Properties

Property	Value
Owner	dbo

 **db\_denydatareader**

Properties

Property	Value
Owner	dbo

 db\_denydatawriter


Properties

Property	Value
Owner	dbo

 db\_owner

Properties

Property	Value
Owner	dbo

 db\_securityadmin

Properties

Property	Value
Owner	dbo

 **pf\_PlanningFactoryService**

Properties

Property	Value
Owner	dbo

Members

- W10\FactoryService

Database Level Permissions

Type	Action
CREATE FUNCTION	Grant
CREATE PROCEDURE	Grant
CREATE TABLE	Grant
CREATE VIEW	Grant

Uses

W10\FactoryService

 **pf\_PlanningFactoryUser**

Properties

Property	Value
Owner	dbo

 **public**

## Properties

---

Property	Value
Owner	dbo

## Schemas

### Objects

Name
<b>agent</b> <i>Schema to be used by agent procedures, schema is owned by OCTService.</i>
<b>calc</b> <i>Schema to be used for calculation objects, schema is owned by OCTService.</i>
<b>control</b> <i>Schema to be used for control flows, schema is owned by OCTService.</i>
<b>global</b> <i>Schema to store global informations, schema is owned by OCTService.</i>
<b>import</b> <i>Schema to store planning import objects, to transport values from load tables to planning tables. Schema is owned by OCTService.</i>
<b>integration</b> <i>Schema to store integration data, schema is owned by OCTService.</i>
<b>load</b> <i>Schema to store generic import data for planning, schema is owned by OCTService.</i>
<b>param</b> <i>Schema to store parameter tables, created by product materialization. Schema is owned by OCTService.</i>
<b>planning</b> <i>Schema to store objects for planning, schema is owned by OCTService.</i>
<b>result</b> <i>Schema to store objects which deliver data to enduser, schema is owned by OCTService.</i>
<b>staging</b> <i>Deprecated Schema for planning datastaging - use integration now. Only delivered for compatibility reasons. Schema is owned by OCTService.</i>
<b>system</b> <i>Schema to store system data and Metadata. Schema owned by dbo, NO table access for OCTService or other user.</i>

 agent

MS\_Description

Schema to be used by agent procedures, schema is owned by OCTService.

Properties

Property	Value
Owner	pf_PlanningFactoryService

Used By

- [agent].[pCreateJSONView]
- [agent].[pDeleteIntegrationValues]
- [agent].[pDeleteIntegrationValuesGeneric]
- [agent].[pMaintenanceIndexes]
- [agent].[pMaintenanceJSONViews]
- [agent].[pMaintenanceRecreateViews]
- [agent].[pPostBulkload]
- [agent].[pSync]
- [agent].[pSyncDimensionToGlobal]



**MS\_Description**

---

Schema to be used for calculation objects, schema is owned by OCTService.

**Properties**

---

Property	Value
Owner	pf_PlanningFactoryService

**Used By**

---

[calc].[sfOCTDate2SQLDate]  
[calc].[sfReplaceNonXMLCharacters]  
[calc].[sfSQLDate2TimeID]  
[calc].[sfTimeID2SQLDate]  
[calc].[sfUnifyLinebreaks]



**MS\_Description**

Schema to be used for control flows, schema is owned by OCTService.

**Properties**

Property	Value
Owner	pf_PlanningFactoryService

**Used By**

- [control].[tCustomFailureReport]
- [control].[tSystemFailureReport]
- [control].[pGET\_RightPointSummary]
- [control].[spParamTables]
- [control].[spSystemFailureReport]

 **global**

**MS\_Description**

Schema to store global informations, schema is owned by OCTService.

**Properties**

Property	Value
Owner	pf_PlanningFactoryService

**Used By**

- [global].[tCodes]
- [global].[tCompanies]
- [global].[tCompanyMapping]
- [global].[tPeriods]
- [global].[tStructureDescriptions]
- [global].[tStructures]
- [global].[spDELETE\_Code]
- [global].[spDELETE\_Company]
- [global].[spGET\_Codes]
- [global].[spGET\_Companies]
- [global].[spPOST\_Code]
- [global].[spPOST\_Company]

 import

MS\_Description

Schema to store planning import objects, to transport values from load tables to planning tables. Schema is owned by OCTService.

Properties

Property	Value
Owner	pf_PlanningFactoryService

Used By

- [import].[spPOST\_dFactories]
- [import].[spPOST\_dProductLines]
- [import].[spPOST\_dProducts]
- [import].[spPOST\_dTime]
- [import].[spPOST\_dValueSeries]
- [import].[spPOST\_fValues]
- [import].[spPOST\_fValuesPDTV]
- [import].[spPOST\_rRights]
- [import].[spPOST\_rUser]

 **integration**

**MS\_Description**

Schema to store integration data, schema is owned by OCTService.

**Properties**

Property	Value
Owner	pf_PlanningFactoryService

**Used By**

[integration].[pGetLastDeltaValues]

 **load**

**MS\_Description**

Schema to store generic import data for planning, schema is owned by OCTService.

**Properties**

Property	Value
Owner	pf_PlanningFactoryService

**Used By**

- [load].[tdFactories]
- [load].[tdProductLines]
- [load].[tdProducts]
- [load].[tdTime]
- [load].[tdValueSeries]
- [load].[tfValues]
- [load].[trRights]
- [load].[trUser]

 param

MS\_Description

Schema to store parameter tables, created by product materialization. Schema is owned by OCTService.

Properties

Property	Value
Owner	pf_PlanningFactoryService

 **planning**

**MS\_Description**

Schema to store objects for planning, schema is owned by OCTService.

**Properties**

Property	Value
Owner	pf_PlanningFactoryService

**Used By**

[planning].[tdFactories]  
[planning].[tdProductLines]  
[planning].[tdProducts]  
[planning].[tdTime]  
[planning].[tdValueSeries]  
[planning].[tFiles]  
[planning].[tfStatements]  
[planning].[tfValues]  
[planning].[tgCluster]  
[planning].[tgFactories]  
[planning].[tgProductLines]  
[planning].[tgProducts]  
[planning].[tgValueEffects]  
[planning].[thFormats]  
[planning].[thLists]  
[planning].[thListValues]  
[planning].[trPreferences]  
[planning].[tTabs]  
[planning].[spCOPY\_Tab]  
[planning].[spDELETE\_File]  
[planning].[spDELETE\_Tab]  
[planning].[spEXPORT\_Format]  
[planning].[spEXPORT\_List]  
[planning].[spEXPORT\_Tab]  
[planning].[spGET\_EnduserObjects]  
[planning].[spGET\_File]  
[planning].[spGET\_FileList]  
[planning].[spGET\_Index\_JSON]  
[planning].[spGET\_Products\_JSON]  
[planning].[spGET\_Tabs]  
[planning].[spGET\_Tree]  
[planning].[spGET\_Values\_JSON]  
[planning].[spMOVE\_Tab]  
[planning].[spPOST\_File]  
[planning].[spPOST\_FileFromPath]  
[planning].[spPOST\_Products\_JSON]  
[planning].[spPOST\_Tab]  
[planning].[spPOST\_Values\_JSON]

## result

### MS\_Description

---

Schema to store objects which deliver data to enduser, schema is owned by OCTService.

### Properties

---

Property	Value
Owner	pf_PlanningFactoryService

### Used By

---

[result].[spDataEntryNumericValues]

[result].[spDataEntryProfit]

[result].[spEvents]

 **staging**

**MS\_Description**

Deprecated Schema for planning datastaging - use integration now. Only delivered for compatibility reasons.  
Schema is owned by OCTService.

**Properties**

Property	Value
Owner	pf_PlanningFactoryService

 **system**

**MS\_Description**

Schema to store system data and Metadata. Schema owned by dbo, NO table access for OCTService or other user.

**Properties**

Property	Value
Owner	dbo

**Used By**

[system].[tAPI\_Log]  
[system].[tConnectorQueries]  
[system].[tConnectors]  
[system].[tDashboards]  
[system].[tDataSources]  
[system].[tEmails]  
[system].[tIcons]  
[system].[tLogicIndex]  
[system].[tPipelineLog]  
[system].[tPipelines]  
[system].[tPipelineSchedules]  
[system].[tPipelineStepLog]  
[system].[tPipelineSteps]  
[system].[tProcessLogs]  
[system].[tReports]  
[system].[trRights]  
[system].[trUser]  
[system].[trUserRights]  
[system].[tSettings]  
[system].[vLogEntries]  
[system].[pGET\_LicenceInformation]  
[system].[pGET\_Setting]  
[system].[pGET\_Settings]  
[system].[pPOST\_ProcessLogEntry]  
[system].[pPOST\_Setting]  
[system].[spCOPY\_Dashboard]  
[system].[spCOPY\_Pipeline]  
[system].[spCOPY\_PipelineStep]  
[system].[spCOPY\_Report]  
[system].[spCOPY\_User]  
[system].[spDELETE\_Connector]  
[system].[spDELETE\_Dashboard]  
[system].[spDELETE\_DataSource]  
[system].[spDELETE\_Icon]  
[system].[spDELETE\_LogicIndexItem]  
[system].[spDELETE\_Pipeline]  
[system].[spDELETE\_PipelineSchedule]  
[system].[spDELETE\_PipelineStep]

[system].[spDELETE\_Report]  
[system].[spDELETE\_User]  
[system].[spEXPORT\_Connector]  
[system].[spEXPORT\_Pipeline]  
[system].[spEXPORT\_Setting]  
[system].[spGET\_APILog]  
[system].[spGET\_Connector]  
[system].[spGET\_ConnectorQuery]  
[system].[spGET\_ConnectorQueryFields]  
[system].[spGET\_ConnectorTree]  
[system].[spGET\_Dashboards]  
[system].[spGET\_DatabaseRoles]  
[system].[spGET\_DataSources]  
[system].[spGET\_DBInfo]  
[system].[spGET\_Emails]  
[system].[spGET\_Icons]  
[system].[spGET\_LogicIndexItems]  
[system].[spGET\_ObjectTree]  
[system].[spGET\_PipelineLog]  
[system].[spGET\_Pipelines]  
[system].[spGET\_PipelineSchedules]  
[system].[spGET\_PipelineStepLog]  
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[system].[spGET\_UserRight]  
[system].[spGET\_UserRightInformation]  
[system].[spGET\_Users]  
[system].[spMaterialize\_trUserRights]  
[system].[spMOVE\_Pipeline]  
[system].[spPOST\_Connector]  
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[system].[spPOST\_Dashboard]  
[system].[spPOST\_DataSource]  
[system].[spPOST\_Email]  
[system].[spPOST\_Icon]  
[system].[spPOST\_LogicIndexItem]  
[system].[spPOST\_Pipeline]  
[system].[spPOST\_PipelineLog]  
[system].[spPOST\_PipelineSchedule]  
[system].[spPOST\_PipelineStep]  
[system].[spPOST\_PipelineStepLog]  
[system].[spPOST\_Report]  
[system].[spPOST\_Right]  
[system].[spPOST\_User]  
[system].[fGetColumns]  
[system].[seqPipelineLog]