

TCI Release 3.13 User Manual

 ${f T}$ Systems

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Brief details

User manual for TCI.

This guide describes the usage of TCI.

Before using this guide, be sure you understand:

- the usage of 3DEXPERIENCE,
- the usage of Teamcenter.

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Teamcenter is a registered trademark of Siemens Digital Industries Software.

Oracle is a registered trademark of Oracle Corporation.

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1 Overview

1.1 Introduction TCI

TCI was developed by T-Systems as an end-to-end integration between the PDM systems 3DEXPERIENCE and Teamcenter. With this integration it is possible to exchange CAD and PDM data between 3DEXPERIENCE and Teamcenter.

3DEXPERIENCE uses assemblies similar to Teamcenter. TCI makes a bidirectional mapping between the Teamcenter structure and the 3DEXPERIENCE structure.

2 TCI in Teamcenter

The TCI functionality is seamlessly embedded into the Teamcenter Rich Client. The functionality is available in Teamcenter via *My Teamcenter* and *Structure Manager*.

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🦻 My Links		41	-	- Properties	- Prev	iew	
My Saved Search	2	About ICI		object_name: Engine			
My View/Markup)	».		object_desc:			

Figure 1: TCI toolbar in Teamcenter before login in 3DEXPERIENCE

The commands View 3DEXPERIENCE Properties, *Query Products in 3DEXPERIENCE* and *3DEXPERIENCE Logout* are only available, after a successful performed 3DEXPERIENCE login.

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My Projects	s.	Process Status		Overview Attachments History Audit Logs
♥ My Links ■ My Saved Search ■ My View/Markup	<i>*</i>	About TCI »		Properties Preview object_name: Engine object_desc:

Figure 2: TCI toolbar in Teamcenter after login in 3DEXPERIENCE

The following TCI commands are provided:

3	Send to 3DEXPERIENCE
5	Update properties in 3DEXPERIENCE
5	Open in 3DEXPERIENCE Rich Client / Dashboard
×	3DEXPERIENCE Login
¢	Query Products in 3DEXPERIENCE
×	3DEXPERIENCE Logout
£	Process Status
<i>چ</i>	About TCI

2.1 TCI command Send to 3DEXPERIENCE



The command *Send to 3DEXPERIENCE* is always available if a Teamcenter Item Revision is active.

In case of *My Teamcenter* context, the command *Send to 3DEXPERIENCE* is also available in the corresponding pop-up menu. In case of active *Structure Manager*, you have to use the TCI toolbar.

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🕏 My Links	»	3	Send to 3DEXPERIENCE					
My Saved Searches	»	-5	Update properties in 3DEX	PERIENCE				
≌ My View/Markup	»	ef.	View 3DEXPERIENCE Prope	rties				
		-5	Open in 3DEXPERIENCE Da	shboard				
- Open Items	Close All	-55	Open in 3DEXPERIENCE Rid	h Client				
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A Home			Cut	CULLC				

Figure 3: Pop-up menu with TCI command Send to 3DEXPERIENCE

If you have an Item Revision active in the *My Teamcenter* context and select the TCI command *Send to 3DEXPERIENCE*, the following dialog window will appear.

2 000141/A;1-Engine X
Send to 3DEXPERIENCE Expand Depth
○ None
Select depth: 2
Transfer substructures at expand depth in parallel
Options Force
Transfer structure filter only
Transfer location of control
Remove non-existing children in 3DEXPERIENCE
Use revision rule for expand
Latest Working \checkmark
Use variant for expand
Set name for structure filter Assign
Include Variant Conditions
OK Close

Figure 4: Send to 3DEXPERIENCE dialog in My Teamcenter context

In this dialog you have the following options, to configure the TCI export functionality:

Expand Depth:

With these radio buttons you can define the depth of the structure export.

"All"

This is the default configuration. In this case, the whole structure will be exported.

"None"

Only the top structure level will be exported.

"Select depth:"

If you select this configuration, you can define the number of structure levels to be exported (Default number is: 2).

• "Transfer Substructures at expand depth in parallel"

If not activated (default), the Item will be expanded to the specified level and only this part of the structure will be sent. If activated, the Items at the specified level in the structure will be send separately and in parallel (constrained by load of TCI server). When processing of those Items is finished, the top part of the structure will be sent. If transfer of one of the Items

on the expand level fails, and the error cause is fixed without modification of the Item in Teamcenter, this specific Item must be sent with force to update the structure in 3DEXPERIENCE.

• Options:

To configure different options for the export, the following checkboxes are available:

"Force"

Exports the structure without skipping or caching.

For example, when the configuration of the export was changed in the settings, but the data itself is not modified, it may be necessary to "Force".

• "Transfer structure filter only"

With this checkbox, you can transfer only a structure filter to 3DEXPERIENCE without transferring the structure itself. A valid name for the structure filter is necessary and has to be defined in input field *Structure Name*. For further information please see also configuration option *Set name for structure filter*.

"Transfer location of control"

By activating this checkbox, you can transfer the location of control to 3DEXPERIENCE. This means, that all transferred items are owned by 3DEXPERIENCE after the successful data transfer.

"Remove non-existing children in 3DEXPERIENCE"

If you activate this checkbox, all non-existing children are removed while performing the data transfer to 3DEXPERIENCE. The structure in Teamcenter stays unchanged.

"Use revision rule for expand"

If you want to define a specific revision rule for the export, you have to switch on the toggle button *Use revision rule for expand* and select the name of the desired revision rule in the pull-down menu.

In case of *Structure Manager* context the configured revision rule will be used and this option is not available inside the TCI export dialog window.

"Use variant for expand"

If you want to define a specific variant for the export, you have to switch on the toggle button *Use variant for expand* and select the name of the desired variant in the pull-down menu.

In case of *Structure Manager* context the configured variant will be used and this option is not available inside the TCI export dialog window.

"Set name for structure filter"

If you want to define a filter name for the exported structure, you have to switch on the toggle button *Set name for structure filter* and define a name in the input field.

If you select the *Assign* button, a proposal for the filter name, based on the current revision rule and variant rule, is entered in the input field *Structure Name*. If neither revision rule nor variant rule is selected, the default revision rule is used as filter name. Assign will overwrite any typed in value. The filter name can be changed manually.

Defining a filter name for a structure gives you the advantage to transfer the Teamcenter visibility of structure items to 3DEXPERIENCE. On Teamcenter side you have only to define a unique filter name in the *Send to 3DEXPERIENCE* dialog. On 3DEXPERIENCE side you can choose this filter name to filter the transferred structure.

"Include Variant Conditions"

Export Variant Conditions from the Items in the structure and create the corresponding Effectivities in 3DEXPERIENCE.

Only accessible if enabled by your administrator.

After starting the *Send to 3DEXPERIENCE* command, a status message is displayed (see Figure 5).



Figure 5: Send to 3DEXPERIENCE status message.

2.2 TCI command Update properties in 3DEXPERIENCE



The command *Update properties in 3DEXPERIENCE* is always available if a Teamcenter Item Revision is active in the My Teamcenter Application.

The command *Update properties in 3DEXPERIENCE* is also available in the corresponding pop-up menu in the My Teamcenter Application.

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^s My Worklist	»	> 🞽 000141/A·1	1-Enging 🕅	9	-Nov-2021 15:27	TCM Released	Design l	Revision	
My Projects	»		Briefcase	>	s History Audit Log	s			
🕏 My Links	»		Send to 3DEXPERIENCE				- Previ	ew	
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🖻 My View/Markup	»		View 3DEXPERIENCE Pro	operties					
- Open Items	Close All		 Open in 3DEXPERIENCE Open in 3DEXPERIENCE 	Dashboard Rich Client	ICM Released 24-Nov-2021 15:27				×
¥ 000141-Engine ♣ Home		-	🖌 Cut	Ctrl+X					

Figure 6: Pop-up menu with TCI command Update properties in 3DEXPERIENCE

The command will synchronize current Teamcenter properties to 3DEXPERIENCE. The attributes to be synchronized must be configured by your administrator.

TCI: Update properties in	n 3DEXPERIENCE	I-CW-Eastener-Screw-Geometry	
Teamcenter Name	Teamcenter Value	3DEXPERIENCE Name	3DEXPERIENCE Value
Description	New description for 3DEXPERIE	NCE. Description	
Name	CW-Fastener-Screw-Geometry	Title	CW-Fastener-Screw-Geometry
lame	CW-Fastener-Screw-Geometry	Title	CW-Fastener-Screw-Geometry
			Update

Figure 7: Update properties in 3DEXPERIENCE dialog.

2.3 TCI command Open in 3DEXPERIENCE ...





Both *Open in 3DEXPERIENCE* ... commands must be enabled by configuration (see InstallationManual_TCI section 7 Installing the TCI Teamcenter Rich Client Plugin – Environment variables).

2.3.1 TCI command Open in 3DEXPERIENCE Rich Client

The command *Open in 3DEXPERIENCE Rich Client* is used to open the transferred 3DEXPERIENCE object for the selected Item Revision in an already opened 3DEXPERIENCE application.

2.3.2 TCI command Open in 3DEXPERIENCE Dashboard

The command *Open in 3DEXPERIENCE Dashboard* is used to open the transferred 3DEXPERIENCE object for the selected Item Revision in the 3DEXPERIENCE Dashboard in the Product Structure Explorer widget.

2.4 TCI command *View 3DEXPERIENCE Properties*

TCI menu icon:

This command *View 3DEXPERIENCE Properties* provides the ability, to display the 3DEXPERIENCE properties of the active item revision without leaving the Teamcenter application or switching to the 3DEXPERIENCE application.

The command is available in *My Teamcenter* and in *Structure Manager* context if a Teamcenter Item Revision is active.

💕 My Teamcenter - Teamcenter 13		– 🗆 X
File Edit View TCI Translation T	ools Window Help	
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- Search	Home ≥ 000141-Engine Details Details Details	Impact Analysis 👓 Viewer 🕏 JT Preview 🍟 👘 🗖
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My Projects	» Briefcase its His	tory Audit Logs
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A Home	de Cute Ctali V	

Figure 8: Pop-up menu with TCI command View 3DEXPERIENCE Properties

If the 3DEXPERIENCE server connection is configured, the 3DEXPERIENCE properties will be listed in the dialog window.

🔰 000141/A;1-Engine					
SDEXPERIENCE Pro	operties				
ID:	24116.44194.7138.10670				
Type:	iPLMPart				
Name:	XCI_NIS056_000141				
Revision:	A.1				
Vault:	vplm				
Policy:	VPLM_SMB_Definition				
State:	RELEASED				
Created:	2023-02-06T14:04:38.000Z				
Modified:	2023-03-16T13:46:27.000Z				
		Close			
l		Close			

Figure 9: 3DEXPERIENCE Properties dialog

If the 3DEXPERIENCE server connection is not configured, the 3DEXPERIENCE properties from the TCI database will be listed in the dialog window.

2.5 TCI command 3DEXPERIENCE Login

TCI menu icon:

The command *3DEXPERIENCE Login* is available inside the TCI toolbar and in the Teamcenter icon toolbar. It is not available in any pop-up menu.

The login to 3DEXPERIENCE is necessary to perform a data query in 3DEXPERIENCE. See *TCI* command Query Products in 3DEXPERIENCE for further information.

If the TCI command *3DEXPERIENCE Login* is selected, a new input dialog window appears to configure the 3DEXPERIENCE login parameters:

- Username
- Password
- Role
- Vault

数 тсі	X
SDEXPERIENCE	Login
Name:	admin platform
Password:	
Role:	ctx::VPLMProjectLeader.Company Name.Common Space
Vault:	vplm
	OK Cancel

Figure 10: 3DEXPERIENCE Login dialog

For performing the 3DEXPERIENCE login, enter your valid 3DEXPERIENCE account data and press the *OK* button. The role can be entered manually or by using the Credentials Dialog opened with the "Role ..." button.

Y Credentials					
< Please select	your credentials.				
Collaborative	Common Space	~			
Organization	Company Name	~			
Access Role	Leader	~			
	OK Cancel				

Figure 11: 3DEXPERIENCE Credentials dialog

If the 3DEXPERIENCE login is successful, the TCI commands Query Products in 3DEXPERIENCE and 3DEXPERIENCE Logout are selectable.

If the 3DEXPERIENCE login fails, an error message will appear. In this case, please check your 3DEXPERIENCE account data or ask your system administrator for help.

2.6 TCI command Query Products in 3DEXPERIENCE

TCI menu icon:



The command *Query Products in 3DEXPERIENCE* is available inside the TCI toolbar and in the Teamcenter icon toolbar. It is not available in any pop-up menu.

If the TCI command Query Products in 3DEXPERIENCE is selected, a new input dialog window appears to define the query.

数 TCI		X				
Cuery Products in 3DEXPERIENCE						
Type:	Physical Product	\sim				
Name:	prd*103					
Revision:						
Title:						
	Query Close					

Figure 12: Query Products in 3DEXPERIENCE dialog

The query in 3DEXPERIENCE is a combination of Type, Name, Revision, and Title.

To define the query parameter *Type*, the user has to select one item of the predefined values list.

Parameter Name and Revision must be a string. The following wildcards are supported:

- Wildcard "*" for a set of characters
- Wildcard "?" for a single character

After the *Query* button is selected, the defined query will be performed in 3DEXPERIENCE and the result will be presented in a new window.

🏷 TCI 🛛 🗙										
ấ 3DEXPERIENCE query result: 4 Products found.										
Name prd-53252582-00001659 prd-53252582-00001592 prd-53252582-00001607 XCI NISO56 000141	Type VPMReference VPMReference VPMReference iPLMPart	Re A A A A.1	State IN WORK IN WORK IN WORK RELEASED	created 2022-07-22T07:51:04.000Z 2022-04-14T12:12:23.000Z 2022-04-14T12:34:01.000Z 2023-02-06T14:04:38.000Z	modified 2022-07-22T07:51:05.000Z 2023-03-21T11:48:09.000Z 2022-04-14T12:34:01.000Z 2023-06-22T12:03:45.000Z	Owner paretz astaudin astaudin admin platform	ID prd-53252582-00001659 prd-53252582-00001592 prd-53252582-00001607 XCI NIS056 000141	Title Enaine Enaine Enaine Enaine		
			Retrieve f	rom 3DEXPERIENCE	Close					

Figure 13: 3DEXPERIENCE query result dialog

Each line represents one 3DEXPERIENCE product. In the top area of the dialog window, the number of query results is presented.

To avoid heavy load of 3DEXPERIENCE, the maximum number of query results is limited. If more matching objects are available in 3DEXPERIENCE, an information message will appear:

🎽 TCI 🛛 🕹									
STATES AND A STATE									
Name prd-53252582-00001396 prd-53252582-00001398 prd-53252582-00001397 prd-53252582-00001395 prd-53252582-00001394	Type VPMReference VPMReference iPLMPart VPMReference iPLMPart	Re A A A A A	State IN WORK IN WORK IN WORK IN WORK IN WORK	created 2022-03-16T14:45:32.000Z 2022-03-16T14:45:32.000Z 2022-03-16T14:45:32.000Z 2022-03-16T14:45:33.000Z 2022-03-16T14:45:33.000Z	modified 2022-03-16T14:45:33.000Z 2022-03-16T14:45:33.000Z 2022-03-16T14:45:43.000Z 2022-03-16T14:45:43.000Z 2022-03-16T14:45:33.000Z 2022-07-07T13:52:11.000Z	Owner conwitti conwitti conwitti conwitti conwitti	ID prd-53252582-00001396 prd-53252582-00001398 prd-53252582-00001397 prd-53252582-00001395 prd-53252582-00001394	Titl CW CW CW CW CW	
			Retrieve fro	om 3DEXPERIENCE	Close				

Figure 14: Information message: 3DEXPERIENCE query limit exceeded

Sorting of the query results is possible. By selecting a column header, all results will be sorted ascending or descending.

Reordering of attributes (table columns) by moving a column is also possible.

If one product (one query result line) is selected, the transfer button *Send from 3DEXPERIENCE* is selectable. After selecting the button, the transfer from 3DEXPERIENCE to Teamcenter will be initiated for the selected product and the user will get a confirmation message.

For details, please refer to chapter 4.7 TCI command Send to Teamcenter.

Prd-53252582-00004171 A	<
S Retrieve from 3DEXPERIENCE	
Expand Depth]
O Select depth: 2	4
Transfer substructures at expand depth in parallel	
Options	٦
Force	
Remove non-existing children in Teamcenter	
Include Effectivity	
OK Close	

Figure 15: Send to PDM dialog - Options

The data transfer itself will be performed as background job. You can resume your work in Teamcenter after closing the confirmation message window.

2.7 TCI command 3DEXPERIENCE Logout

TCI menu icon:



The command *3DEXPERIENCE Logout* is available inside the TCI toolbar and in the Teamcenter icon toolbar. It is not available in any pop-up menu.

If you select the TCI command *3DEXPERIENCE Logout* the logout will be performed. To perform a 3DEXPERIENCE query, you have to login again.

2.8 TCI command *Process Status*...

TCI menu icon:



The command *Process Status...* is available inside the TCI toolbar and in the Teamcenter icon toolbar. It is not available in any pop-up menu.

The command *Process Status…* will display the *Process Status* dialog with TCI process information.

👏 TCI					×
Process	Status				
Activity FINISHED FINISHED	Status SUCCESS SUCCESS	Description UPDATE IN 3DX 000141/A:1-Enaine TRANSFER PDM TO 3DX 000141/A:1-Enaine	Start 2023-03-16T14:46:25.568Z 2023-03-16T14:37:55.514Z	End 2023-03-16T14:46:27.576Z 2023-03-16T14:37:59.374Z	User tci tci
					Close

Figure 16: Process Status dialog

The Process Status information shows the process information Activity, Status, Description, Start and End Time and the client user who started the process. If a Process status is FAILED the fail message of the selected process is displayed at the bottom of the dialog.

2.9 TCI command About TCI

TCI menu icon:



The command *About TCI* is only available inside the TCI toolbar and will display some general product information.



Figure 17: About TCI dialog

3 TCI in Teamcenter Active Workspace

The TCI functionality is embedded into Teamcenter Active Workspace and available from the TCI menu from the right sidebar menu. Commands may be hidden if not applicable to current selection.

Available commands:

- Send to 3DEXPERIENCE (if ItemRevision is selected)
- Send Folder to 3DEXPERIENCE (if Folder is selected)
- Open in 3DEXPERIENCE (if ItemRevision is selected)
- View 3DEXPERIENCE properties (if ItemRevision is selected and user is logged into 3DEXPERIENCE)
- Update 3DEXPERIENCE properties (if ItemRevision is selected)
- 3DEXPERIENCE Login
- 3DEXPEIRENCE Logout (if user is logged into 3DEXPERIENCE)
- Query Products in 3DEXPERIENCE (if user is logged into 3DEXPERIENCE)
- Process Status
- About TCI

3.1 TCI command Send to 3DEXPERIENCE

Transfers the selected ItemRevision to 3DEXPERIENCE. You can define transfer options in the opened dialog. For details on the options please refer to section 2.1

· »	Home - Home × +				⊐ ×
$\leftarrow \rightarrow$	C 🛱 🛆 Not secure nis07s114.epdm-d.e	dm.dsh.de:3014/#/com.siemens.splm.clientfx.tcui.xrt.showObject?	uid=A5pRZYT_ZSvn	njB 🖈 🖸 🗖	2 :
ি Home Home	Home (9 Objects) > Owner: tci (tc) Date Modified: 18 Jar Navigate Overview	n 2024 Release Status: Type: Home Folder		Ø SIEM	MENS
Assistant	$ \blacksquare \underset{Summary}{\text{List with}} \textcircled{\text{Excel}}_{\text{Rgun}} $	Overview		Send to 3DEXPERIENCE × close	(i)
Discussions	TestImportConfiguration Owner: tci (tci) Date Modified: 11-Jan-2024 14:44	▼ PROPERTIES		▼ SELECTED OBJECT	Discuss
Active Folders	Newstuff Owner: tci (tci)	Description: tci Owner: tci (tci)		Object: prd-15648104-00015093/A:3- ASD Physical Product 001	۲ آن Open
Inbox	Date Modified: 18-Jan-2024 16:40 My Saved Searches Owner: tci (tci) Date Modified: 07-Dec-2023 12:18	Group ID: dba		KPAND DEPTH All None	Cut Copy
Changes	Mailbox Owner: tci (tci) Date Modified: 20-Jun-2023 10:15	time st= Selection √ Select All Object String ◆	Select depth	Paste	
Reports	DDT Owner: tci (tci) Date Modified: 28-Nov-2023 10:20	TestImportConfiguration	Folder Newstuff Folder	▼ OPTIONS	CMI RII 4 S TCI
THOMES	CW Owner: tci (tci) Date Modified: 22-Jun-2023 07:28	My Saved Searches Mailbox DT	Folder Mail Folder	Transfer structure filter only	· 光 New
Alerts	CMIRII Owner: tci (tci) Date Modified: 22-Jun-2023 10:04	CMIRII	Folder	Remove non-existing children Use revision rule for expand	Edit (🔆 Manage
Help 4 No Active	Avinash Owner: tci (tci) Date Modified: 18-Jan-2024 16:43	Avinash Avinash g prd-15648104-00015093/A:3-ASD Physical Product 001 [c]	Folder Item Revision	Set name for structure filter	share
t Change	ASD Physical Product 001 prd-15648104-00015093 Revision: A			Send to 3DEXPERIENCE	View

Figure 18: TCI – Active Workspace - Send ItemRevision to 3DEXPERIENCE.

3.2 TCI command Send Folder to 3DEXPERIENCE

Transfers the selected Folder to 3DEXPERIENCE. You can define transfer options in the opened dialog.

Available options:

"Force"

Exports the structure without skipping or caching.

For example, when the configuration of the export was changed in the settings, but the data itself is not modified, it may be necessary to "Force".

"Remove non-existing children in 3DEXPERIENCE"

If you activate this checkbox, all non-existing children are removed while performing the data transfer to 3DEXPERIENCE. The structure in Teamcenter stays unchanged.

• "Use revision rule for expand"

If you want to define a specific revision rule for the export, you have to switch on the toggle button *Use revision rule for expand* and select the name of the desired revision rule in the pull-down menu.

• "Only Folder Structure"

Transfer only the Folder structure without any attached ItemRevisions.

· >	Home - Ho	ome × +						
← →	C G	A Not secure nis07s114.epd	lm-d.edm	n.dsh.de:3014/#/com.siemens.splm.clientfx.tcu	i.xrt.showObject?u	iid=A5pRZYT_ZSvi	тјв 🖈 🖸 🗖	😩 :
(Home		Home (9 Objects) > Owner: tci (tci) Date Modified:	18-Jan-20	024 Release Status: Type: Home Folder			¢ si	EMENS
Home	Naviga	te Overview						
Assistant	List with Summar	$y \bigoplus_{\text{Roun}} \overset{\text{Excel}}{\bigoplus} \text{Add} \overset{\text{Selection}}{\overset{\text{Mode}}{\overset{\text{Mod}}{\overset{Mod}}{$		Overview			Send Folder to 3DEXPERIENCE $ imes$ cross	0
Discussions		Owner: tci (tci) Date Modified: 07-Dec-2023 12:18		Owner: tci (tci)			▼ SELECTED OBJECT	Discurr
Folders		Mailbox Owner: tci (tci) Date Modified: 20-Jun-2023 10:15		Group ID: dba			Object: CW	د الله Open
Folders Inbox		DDT Owner: tci (tci)		Table = Selection Select All	🗈 Paste 🕒	Export ① Add to	Force	Cut
Programs		Date Modified: 28-Nov-2023 10:20		Object String TestImportConfiguration		Type ≑ 🔅 Folder	Remove non-existing children Use revision rule for expand	Copy
		Owner: tci (tci) Date Modified: 22-Jun-2023 07:28		Newstuff		Newstuff Folde	Only Folder Structure	Paste
		CMIRII Owner: tci (tci)		My Saved Searches		Folder Mail Folder		CMI RII
(?) Help		Date Modified: 22-Jun-2023 10:04		DDT		Folder		tci
4 No Active		Owner: tci (tci) Date Modified: 18-Jan-2024 16:43		cw	ේ	Folder		《 가는 New
Change		ASD Physical Product 001		CMIRII Avinash		Folder		4 D Edit
t		Revision: A		prd-15648104-00015093/A;3-ASD Physic	al Product 001	Item Revision	Send to 3DEXPERIENCE	••• More

Figure 19: TCI – Active Workspace - Send Folder to 3DEXPERIENCE.

3.3 TCI command Open in 3DEXPERIENCE

Opens the selected ItemRevision in 3DEXPERIENCE Dashboard. The ItemRevision must have been previously transferred to 3DEXPERIENCE.

Connection to 3DEXPERIENCE Dashboard must be configured by your administrator.

3.4 TCI command View 3DEXPERIENCE properties

Shows 3DEXPERIENCE properties of the selected ItemRevision. The ItemRevision must have been previously transferred to 3DEXPERIENCE.

This command is available after successful 3DEXPERIENCE login.



Figure 20: TCI – Active Workspace – View 3DEXPERIENCE properties.

3.5 TCI command Update 3DEXPERIENCE properties

Synchronizes current Teamcenter properties of the selected ItemRevision to 3DEXPERIENCE. The ItemRevision must have been previously transferred.

The properties to be synchronized must be configured by your administrator.

• 🔌	Home - H	Home × +							-	o x
$\leftarrow \rightarrow$	C		edm.dsh.de:3014/#/com.	sieme	ens.splm.clientf:	.tcui.xrt.showObject?s_uid=QdgR5Qu	_ZSvmjB&uid=A5pF	RZYT_ZSvmjB	☆ ひ □	2 :
Home	C Home Home (9 Objects) > cw > Nome Owner: ta (ta) Date Modified: 18-Jan 2024 P Release Status: Type: Home Folder									
ហេ Home	Navig	jate Overview								
Assistant	E List wit Symme	th any $\mathbb{E}^{\text{Excel}}_{\substack{\text{Roun}}} \stackrel{\text{Selection}}{=} Mode \bigvee _{\text{All}}^{\text{Select}}$	Overview		Update P	roperties in 3DEXPERIENCE			imes Close	î
Discussions		Owner: tci (tci) Date Modified: 18-Jan-2024 16:40	▼ PROPERTIES		¥ 000025/	A-1-CW-TESTITEM				
Folders Active		My Saved Searches Owner: tci (tci) Date Modified: 07-Dec-2023 12:18	Name: Description: Owner:	CW	Teamcente	r Teamcenter Value	3DEXPERIENCE Name	3DEXPERIENCE Value	٢	Discuss (C) Open
Folders		Mailbox Owner: tci (tci) Date Modified: 20-Jun-2023 10:15	Group ID:	Eng	Description Name	New Description for 3DEXPERIENCE.	Description Title	CW-TestItem		Gut
∠ No Active Change		DDT Owner: tci (tci) Date Modified: 28-Nov-2023 10:20	Table = Scled	tion						Copy Paste
		CW Downer: tci (tci) Date Modified: 22-Jun-2023 07:28	Object Strin	ng ≑ -CW-			Undete			
		CMIRII					opuate			More

Figure 21: TCI – Active Workspace – Update 3DEXPERIENCE properties.

3.6 TCI command 3DEXPERIENCE Login

Login to 3DEXPERIENCE to be able to use commands *Query Products in 3DEXPERIENCE* and *View 3DEXPERIENCE properties*.

Define the login parameters in the login dialog:

- Username
- Password
- Role

The role can be manually defined or you can use the Select 3DEXPERIENCE role button to select role, organization and collaborative space from the available options for the username specified in login dialog.

Vault

00025/A;1-CW-TestItem - 000	re nis07s114.epdm-d.edn	n.dsh.de:3014/#/com	n.siemens.splm.cli	entfx.tcui.xr	t.showObject?	uid=gFhR5Qu_Z	(SvmjB	☆	- 5 0
000025/A;1 Owner: tci (tci)	-CW-TestItem Date Modified: 26-Jan-2	024 Release Status :	Type: Item	Revision					Ø SIE
Overview Content	Changes Classificatio	on Where Used	Attachments	History	Relations	Participants	Reports		
▼ PROPERTIES			▼ PREVIEW				3DEXPERI	ENCE Login	imes Close
ID: Revision: Name: Description: Type: Variability Scope:	000025 A CW-TestItem New Description for 3DEX Item Revision	PERIENCE.	◆ ACTIONS				★ User: ★ Password: ★ Role:	tci Required Ctx:VPLMProject Select 3DI	Leader.Company
Release Status:							Collaborative Space:	Select 3Di	
Effectivity:							TCI		-
Owner: Group ID:	tci (tci) Engineering						Organization: Company Name		•
Checked-Out: Checked-Out By: Current Location Code:	tci (tci)						Role:		•
▼ GLOBAL ALTERNATES								Cance	Use
Table 💝 = Selection	✓ Select All			C	⇒ Export To	aste			
Object 🔺	Type 🗢	Release Status	Owner	\$		ද්ධා		Login	

Figure 22: TCI – Active Workspace – Login to 3DEXPERIENCE.

3.7 TCI command Query Products in 3DEXPERIENCE

Search for Physical Products in 3DEXPERIENCE and transfer them to Teamcenter.

 ✓ ✓ ✓ 	000025/A;1-CW-Testitem - 000	× +	fx.tcui.xrt.showObject?uid=gFhR5Qu_ZSv	rmjB	- (☆ む □	• ×
⊖ Home	000025/A;1-i Owner: tci (tci)	CW-Testitem Date Modified: 26-Jan-2024 Release Status: Type: Item Rev	ńsion		<i>₽</i> sie	MENS
Home 탄결 Assistant	Overview Content	Changes Classification Where Used Attachments H	History Relations Participants	Reports Query In 3DEXPER		(i)
Discussions	ID: Revision: Name: Description:	000025 A CW-Testitem New Description for 3DEXPERIENCE.		Type: P	rysical Product 🔹	Discuss
2 No Active Change	Type: Variability Scope: Release Status: Date Released:	Item Revision	▼ ACTIONS	Title:	w*	Gut
t	Effectivity: Owner:	tci (tci)			luery	••• More

Figure 23: TCI – Active Workspace – Query in 3DEXPERIENCE dialog.

The query in 3DEXPERIENCE is a combination of *Type*, *Name*, *Revision*, and *Title*. To define the query parameter *Type*, the user must select one item of the predefined values list. Parameter *Name* and *Revision* must be a string. The following wildcards are supported:

- Wildcard "*" for a set of characters
- Wildcard "?" for a single character

The query result will be displayed in a new tab.

 > > 	9 000025/A;1-CW-TestItem - 000 × 👌 Teamcenter - T	ici ×	+	- • ×
$\leftarrow \rightarrow$	C A Not secure nis07s114.epdm-d.ec	dm.dsh.de:3014/#/p	roductsIn3DX	☆ 끄 🛛 😩 ፡
(Home	TCI: 3DEXPERIENCE Search Results			<i>♀</i> siemens
Home				
dig Assistant	Summary	▼ PROPERTIES		Information
Discussions	Find in this content	Name:	prd-15648104-00015048	< [C] Open
Folders	CW-Assy VPMReference A.1 IN_WORK conwitti	Description:		දේ Cut
Active Folders	CW-AssyWithFastener	Type: Revision:	VPMReference A.1	Сору
· · · · ·	Name: prd-15648104-00008370	State:	IN WORK	Paste
Δ.	CW-AssyWithFastener-02 VPMReference A.1 PRIVATE conwitti Name: prd-15648104-00008376	Owner:	conwitti	الالمحمد المحمد الم المحمد المحمد
AB No Active Change	CW-AssyWithFastener-Base	created:	22-Jun-2023 19:09	4 5 7
	VPMReference A.1 PRIVATE conwitti Name: prd-15648104-00008371	modified:	22-Jun-2023 19:10	
t	CW-Base VPMReference A.1 PRIVATE conwitti Name: prd-15648104-00008377			More

Figure 24: TCI – Active Workspace – 3DEXPERIENCE query result.

After selecting a query result, the command Retrieve from 3DEXPERIENCE will be available in the TCI menu. This will transfer the selected Physical Product from 3DEXPERIENCE to Teamcenter.

For details on the available transfer options please refer to section 4.7.

	▼ ₫ 000025/A:1-CW-TestItem - 0001 × ₫ Teamcenter - TCI × +						
← →	C 🕅 🛆 Not secure nis07s114.epdm-d.ec	lm.dsh.de:3014/#/pro	ductsIn3DX	☆ 亞 □ ≗ :			
() Home	TCI: 3DEXPERIENCE Search Results			<i>♀</i> siemens			
Home 년	List with Summary	▼ PROPERTIES FR	IOM 3DEXPERIENCE	Retrieve from 3DEXPERIENCE × Gree			
Assistant C Discussions	Find in this content	Title: Name:	CW-ReviseSequenceTest prd-15648104-00008362	▼ SELECTED OBJECT () Open Selected Object: TC14-NIS075114-000025 A			
Folders Active	CPMReference Y.1 IN WORK conwitti Name: prd 15648104-00008362	Description: Type:	VPMReference	▼ EXPAND DEPTH			
Folders	CW-ReviseSequenceTest VPMReference X.1 IN_WORK conwitti Name: prd-15648104-00008362	State:	W.1 IN_WORK	None			
Ø,	CW-ReviseSequenceTest VPMReference W.1 IN_WORK conwitti Name: prd-15648104-00008362	created:	conwiπi 08-Mar-2023 18:56	▼ OPTIONS			
Help	CW-ReviseSequenceTest VPMReference V.1 IN_WORK conwitti Name: prd-15648104-00008362	modified:	08-Mar-2023 18:56	 ☐ Force ✓ Remove non-existing children 			
	CW-ReviseSequenceTest VPMReference U.1 IN_WORK conwitti Name: prd-15648104-00008362			« D Edit			
t	CW-ReviseSequenceTest VPMReference T.1 IN_WORK conwitti			Retrieve from 3DEXPERIENCE			

Figure 25: TCI – Active Workspace – Retrieve from 3DEXPERIENCE dialog.

3.8 TCI command 3DEXPERIENCE Logout

Logout from 3DEXPERIENCE. To use commands *Query Products in 3DEXPERIENCE* or *View 3DEXPERIENCE properties* you would need to login again.

3.9 TCI command Process Status

Show process status information about transfers started by the current user. Displays the process information Activity, Status, Description, Start and End Time and the client user who started the process.

· •	000025/A;1-CW-Testitem - 000	×	+					- (
$\leftarrow \rightarrow$	C 🛱 🛆 Not secu	re ni	s07s114.epdm-d.edm	dsh.de:3014/#/com.siemens.splm.clientfx.tcui.xrt.s	showObject?uid=gFhR5Qu_2	(SvmjB	\$	5 0	2
୍କ ଜ୍ଞ ଜ୍ଞ	000025/A;1 Owner: tci (tci)	-CW _{Da}	-Testitem te Modified: 26-Jan-20	24 Release Status: Type: Item Revision				Ø SIEI	MENS
Home	Overview Content	Cha	nges Classificatio	Where Used Attachments History	Relations Participants	Reports			
Assistant	▼ PROPERTIES		Process Status					imes Close	(i) Information
Discussions	ID: Revision:		Activity 🗢 Status 🗘	Description 🗢	Start 🔻	End \$	User 🗢	ŝ	Discuss
	Name:		RUNNING RUNNING	TRANSFER_PDM_TO_3DX 000025/A;1-CW-TestItem	2024-01-26T10:16:53.6012		tci		Chicago -
ム曲 No Active	Description:		FINISHED SUCCESS	UPDATE_IN_3DX 000025/A;1-CW-TestItem	2024-01-26T10:03:12.2932	2024-01-26T10:03:15.835	Z tci		∢ [C] Open
Change	Туре:								A
	Variability Scope:								Cut
	Release Status:								
t	Date Released: Effectivity:				Close				More

Figure 26: TCI – Active Workspace – Process status information.

3.10 TCI command About TCI

Display general information about TCI.

<u>.</u>	ТСІ	Folder	
६०ु२ । Settings	;	Folder	< 決 Manage
⑦ Help	ICI-30EXPERIENCE. learncenter integration TCI Version (3.10.0.01) Build Date: (2024-01-09T15:54:12.572+0100)	Folder	(cco Share
And Active Change	© 2012, 2024 T-Systems International GmbH		< O View

Figure 27: TCI – Active Workspace – Update 3DEXPERIENCE properties.

4 TCI in 3DEXPERIENCE

The TCI functionality is seamlessly embedded into 3DEXPERIENCE. You can find the TCI menu in the fixed area of the 3DEXPERIENCE Action Bar with common tools that are not app-specific. The TCI menu is available in Explore Mode and in Open Mode of 3DEXPERIENCE.



Figure 28: TCI menu in 3DEXPERIENCE before login in Teamcenter



Figure 29: TCI menu in 3DEXPERIENCE after login in Teamcenter

The following commands are available inside the TCI menu:

×	Teamcenter Login
Q	Query Item Revision in Teamcenter
	Get latest version from Teamcenter
E	View Teamcenter Properties
×	Teamcenter Logout
5	Open related Object in Teamcenter
5	Send to Teamcenter
×	Show Process Status
S i	About TCI

4.1 TCI command Teamcenter Login



A Teamcenter Login is required to use the functionality of the TCI commands Query Item in Teamcenter, Get latest version from Teamcenter and View Teamcenter Properties of selected item. After selecting the icon Teamcenter Login the following dialog window appears:

Teamcente	er Login	—		×
User ID: Password:	tci	 		
Group: Role:				
		0	K C	ancel

Figure 30: Teamcenter Login dialog

For performing the Teamcenter Login, enter your valid Teamcenter account data and press the *OK* button.

If the Teamcenter login is successful, the TCI commands Query Item in Teamcenter, Get latest version from Teamcenter and View Teamcenter Properties are selectable.

If the Teamcenter login fails, the error message "Login failed" will appear. In this case, please check your Teamcenter account data or ask your TCI system administrator for help.

4.2 TCI command Query Item Revision in Teamcenter



This dialog offers the possibility to define and execute different types of item queries inside Teamcenter without leaving your active 3DEXPERIENCE window. It is only available, when a Teamcenter session is active.

After selecting the TCI command Query Item Revision in Teamcenter the following dialog window will appear:

Query Item Re	evision in Teamcenter	_			×
Item Type:					~ 🧳
Item ID	000141				
Item Revision					
Name					
Description					
			Apply	y	Cancel

Figure 31: Query Item Revision in Teamcenter dialog

The query can be a combination of Item Type, Item ID, Item Revision, Name, and Description.

To define the query parameter Item Type, the user has to select one of the predefined values:

- --- BLANK --- (all Item Types allowed)
- ItemRevision
- Design Revision
- Part Revision

After selecting the *Query* button, the query will be performed inside Teamcenter and the result will be presented in a new window. In case of no result data, an empty result window will appear.

Results from Teamce	Results from Teamcenter									×
Object	Туре	ID	Revision	Sequence ID	Creation Date	Owner	Group ID	Last Modifying User	Date N	lodified
000141/A;1-Engine	Design Revision	000141	А	1	24-Nov-2021 15:17	tci (tci)	Engineering	tci (tci)	24-Nov	-2021
Retrieve from Teamcenter										Close

Figure 32: Query Result from Teamcenter

Inside the result list it is possible to select one object. After selecting an object, the button *Receive from Teamcenter* will become active.

By selecting this button, you are able to start the data transfer from Teamcenter to 3DEXPERIENCE for the selected object. To start the transfer, check the options inside the upcoming dialog window and press the *OK* button.

Expand Depth -				
• All				
O None				
O Select depth	2			
Transfer Sub	structures at	expand d	lepth in p	aralle
Export Options				
Force				
Transfer strue	cture filter or	nly		
Transfer loca	tion of contr	ol		
Remove non	-existing chil	dren in 31	DEXPERIE	NCE
Use revision	rule for expa	nd		
Latest Working				~
Use variant f	or expand			
				~
Set name for	structure fill	ter	A	ssign
🗖 la alcala Maria	nt Condition			

Figure 33: Send from Teamcenter dialog

For details, please refer to chapter 2.1 TCI command Send to 3DEXPERIENCE.

The data transfer is performed as background job and will take some time according to the utilization of the Teamcenter and 3DEXPERIENCE server processes.

In case of "Expand Depth" defined as "All", please keep in mind that the entire structure below the selected object, including all children, is transferred from Teamcenter to 3DEXPERIENCE.

4.3 TCI command *Get latest version from Teamcenter*



With the command *Get latest version from Teamcenter* you can start an update process to transfer the latest version of the selected object from Teamcenter to 3DEXPERIENCE. The versions of the entire structure below the selected object, including all children, will be checked. The latest version of each object will be transferred to 3DEXPERIENCE.

The data transfer is performed as background job and will take some time according to the utilization of the Teamcenter and 3DEXPERIENCE server processes.

This command is only available, when a Teamcenter session is active.

4.4 TCI command View Teamcenter Properties



To retrieve the attribute values for a selected object, you can use the command *View Teamcenter properties*. Activate an object in 3DEXPERIENCE and select the command. An online query will be started immediately and the available Teamcenter attributes and values will be displayed in a new window.

Teamcenter Attrib	utes	?	×
3DEXPERIENCE Se			
iPLMPart Part Number: Version: Location of contro	XCI_NIS056_000141 A Dl: Teamcenter		
Teamcenter Attrib	utes		
Design Revision			
ID:	000141		
Revision:	A		
Creation Date:	24-Nov-2021 15:17		
Date Modified:	24-Nov-2021 15:27		
Туре:	Design Revision		
Name:	Engine		
Description:			
Owner:	tci (tci)		
Group ID:	Engineering		
Owning Site:			
Release Status:	TCM Released		
			Close

Figure 34: Teamcenter Attributes dialog

If the selected object in 3DEXPERIENCE does not exist in Teamcenter, an appropriate error message is displayed. Please note, only object type Product is supported.

This command is only available, when a Teamcenter session is active.

4.5 TCI command *Teamcenter Logout*

TCI menu icon: 🗠



If you select the command *Teamcenter Logout* the logout will be performed. To perform one of the before described commands, you have to login again.

4.6 TCI command Open related Object in Teamcenter



If you select the command *Open related Object in Teamcenter* the selected object is opened in the Teamcenter Rich Client.

4.7 TCI command Send to Teamcenter



The command *Send to Teamcenter* can be used to start a data transfer of a product structure node selected in 3DEXPERIENCE to Teamcenter. If no product structure node is selected the root node is used for the transfer. If more than one product structure node is selected, a warning message will be displayed.

In this dialog you have the following options, to configure the TCI export functionality:

Expand Depth:

With these radio buttons you can define the depth of the structure export.

"All"

This is the default configuration. In this case, the whole structure will be exported.

"None"

Only the top structure level will be exported.

"Select depth:"

If you select this configuration, you can define the number of structure levels to be exported (Default number is: 2).

"Transfer substructure at expand depth in parallel"

If not activated (default), the Physical Product will be expanded to the specified level and only the expanded part of the structure will be sent. If activated, the Physical Products at the specified level in the structure will be sent separately and in parallel (constrained by load of TCI server). When processing of those Items is finished, the top part of the structure will be sent. If transfer of one of the Physical Products on the expand level fails, and the error cause is fixed without modification of the Physical Product in 3DEXPERIENCE, this specific Physical Product must be sent with force to update the structure in Teamcenter.

Export Options:

To configure different options for the export, the following checkboxes are available:

"Force"

If you activate this checkbox, the object import to Teamcenter will be forced even it is already imported.

For example, when the configuration of the import was changed in the settings, but the data itself is not modified, it may be necessary to "Force".

"Remove non existing children in PDM"

If you activate this checkbox, all non-existing children are removed while performing the data transfer to Teamcenter. The structure in 3DEXPERIENCE stays unchanged.

"Save selected component before send to Teamcenter"

If you activate this checkbox, the component will be saved before the transfer is started.

Include Effectivity

Send effectivities from 3DEXPERIENCE to Teamcenter.

Send to Teamcenter	—		×
Selected ComponentXCI_NIS056_000141 A			
Expand Depth O All			
O None			
O Select depth: 2			
Export Options			
Remove non-existing children in Teamcenter			
Save selected component before send to Teamcenter			
Include Effectivity			
	ОК	Abbre	chen

Figure 35: Send to Teamcenter dialog - Options

When you click the *OK* button, the selected structure will be exported from 3DEXPERIENCE and imported into Teamcenter. The Mastership of the authoring system will not be changed. That means only product structure nodes that are mastered by 3DEXPERIENCE will be updated or created in Teamcenter eventually.

A confirmation message box will be displayed:



Figure 36: Send to PDM dialog - Confirmation message box

TCI command Show Process Status 4.8



The command Show Process Status shows the Process Status dialog with the actual Process Status information.

Process Sta	Process Status								
Activity	Status	Description	Start	End					
FINISHED	SUCCESS	TRANSFER_3DX_TO_PDM prd-53252582-00001980 A CW-CylinderAssy-22x	2023-03-16T16:33:06.450Z	2023-0)3-16T1	6:33:08			
<									
						Close			

Figure 37: Process Status dialog

If the Status is FAILED, the failed message is displayed at the bottom of the dialog.

TCI command About TCI 4.9

TCI menu icon:



server can be checked by clicking Check Server.

About TCI		?	×						
-5	TCI 3DEXPERIENCE Mode Version: 3DEXPERIENCE Level: (c) T-Systems 2012, 2024	ule 3.1 V6P 4	1.0.0 R2022x						
TCI Server Url: http://nis12c056.epdm-d.edm.dsh.de:23080/XCI									
	Check Server	Schl	ießen						

Figure 38: About TCI dialog

5 TCI web interface

The TCI Web provides some export functionality and information. You can retrieve this information with a standard web browser at the URL http://my.tci-integration-server.url:port/XCI.

Please login with the administration user "xci-admin".



Figure 39: TCI Web – Login

5.1 About

On the *About* page you can find information about the TCI software version, XCI_HOME directory, and the setting path.

The Teamcenter version link will provide more information about the Teamcenter Server.

The 3DEXPERIENCE version link will provide more information about the 3DEXPERIENCE server.

~	TCI - Info)	×	+						-		×
÷	\rightarrow G	<u>م</u>	Not secure nis	12c056.epdm-d.	edm.dsh.de:23080/XCI/Info				☆	Ď		:
	- TCI	About	Teamcenter	3DEXPERIEN	CE List Process	Monitor Tools -					Logou	ıt
	TCI	3D	EXPEI	RIENC	E Teamcer	nter Integ	gra	ation				
					Build version		3.	.12.0.0.04				
				Build date		20	024-11-26T08:43:25.210+0100					
				XCI_HOME			C:\TCI13_22x\XCI_HOME					
					General settings path		С	C:\TCI13_22x\XCI_HOME\XCISettings.xml				
			۱		Administration settings path			:\TCI13_22x\XCI_HOME\XCIAdminSettings.xml				
					Teamcenter adapter version			Teamcenter 13				
					Teamcenter version		v	/13000.1.1.11_20210301.00				
					3DEXPERIENCE adapter v	version	3DEXPERIENCE 2022x					
					3DEXPERIENCE version		3	DEXPERIENCE R2022x HotFix 4				
	© 2024 T-S	vstems Int	ernational GmbH	i								

Figure 40: TCI Web - start page

5.2 Teamcenter

On the Teamcenter page you can query for Teamcenter objects of different types:

- ItemRevision
- Item
- Folder
- VariantRule (only accessible if enabled by your administrator)

In the query criteria fields you can use wildcards. Click on the *find* button to start the query.

The query result will be displayed in the table below. When you click on the display name of the object the object will be shown on a new page.

TCI - Teamcenter × +					-		×
→ C	lsh.de:23080/XCI/Pdm			\$	Ď		:
About Teamcenter 3DEXPERIENCE		L	_ogout				
TCI · Teamcenter Query	/						
ItemRevision Item Folder VariantRule							
Item ID							
Name	Engine						
Revision							
Туре							
find							
_							
Display	Item Id	Name	Revision	Туре			
XCI_56_TC13_000198/B;2-Engine	XCI_56_TC13_000198	Engine	Design Revision	sign Revision			
prd-53252582-00002764/A;10-Engine	prd-53252582-00002764	Engine	А	ItemRevision			
000171/A;1-Engine	000171	Engine	А	Design Revision			
prd-97996872-00001027/A;4-Engine	prd-97996872-00001027	Engine	A	ItemRevision			

Figure 41: TCI Web - Teamcenter - Query result

When opening a result from the query, information about that object are displayed:

- structure tree to expand the structure below the selected object in Teamcenter
- Teamcenter properties of the selected object
- commands, for example transfer to 3DEXPERIENCE or structure comparison with 3DEXPERIENCE

Some commands need to be activated by your administrator to be accessible.

5.2.1 ItemRevision actions

By default, *send to 3DEXPERIENCE* and *structure compare* actions are enabled. Other actions must be enabled on TCI server before accessible from the client.

TCI - Teamcenter Info × +				-		×					
← → C ⋒ ▲ Not secure nis12c056.epdm-d.edm.dsh.de:230	· → C A Not secure nis12c056.epdm-d.edm.dsh.de:23080/XCI/PdmInfo										
About Teamcenter 3DEXPERIENCE	STCI About Teamcenter 3DEXPERIENCE List Process Monitor Tools -										
TCI Teamaantar Infar	mation					Т					
ICI · reamcenter mon											
- 000141/A:1-Engine	Name	Value	send to 3DEXPERIENCE								
- COOMERAN Distant Asses	Display	000141/A;1-Engine	structure compare								
000135/A;1-PistonAssm	id	g\$gFpXmOZN8TTB	update properties in 3DEXPERIENCE								
000134/A;1-Piston	ID	000141	revise in 3DEXPERIENCE								
■ 🤌 000133/A;1-PistonBoltAssm	Revision	A	send Configuration data to 3DEXPERIENCE								
3 000132/A:1-PistonBolt	Creation Date	24-Nov-2021 15:17	send attached VariantRule to 3DEXPERIENCE								
	Date Modified	24-Nov-2021 15:27									
000131/A;1-RetainingRing	Туре	Design Revision									
000131/A;1-RetainingRing	Name	Engine									
+ 🧆 000139/A:1-CrankShaft	Description										
	Owner	tci (tci)									
+ 3 000130/A;1-FixedParts	Group ID	Engineering									
+ 🤌 000140/A;1-ConnectionRod	Owning Site										
	Release Status	TCM Released									
						T					
© 2024 T-Systems International GmbH											

Figure 42: TCI Web - Teamcenter - Teamcenter ItemRevision properties and actions

5.2.1.1 ItemRevision: send to 3DEXPERIENCE

In the send to 3DEXPERIENCE dialog you have some options, to configure the Send to 3DEXPERIENCE functionality.

For details, please refer to chapter 2.1 TCI command Send to 3DEXPERIENCE.

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FTCI About Teamcenter 3DEXEI	ERIENCE List Process Monitor Tools - X	Lo	gout		
	000141/A;1-Engine ind to 3DEXPERIENCE Expand Depth ind to 3DEXPERIENCE All structure compare None voperties in 3DEXPERIENCE Select depth structure compare Dester depth structure compare Transfer substructures at expand depth in parallel d VariantRule to 3DEXPERIENCE	CE			
 000131/A;1-RetainingRin 000139/A;1-CrankShaft 000139/A;1-CrankShaft 000130/A;1-FixedParts 000140/A;1-ConnectionRod 	Force Force Transfer structure filter only Transfer location of control Remove non-existing children in 3DEXPERIENCE Use revision rule for expand Latest Working Vse variant for expand				
© 2024 T-Systems International GmbH	Set name for structure filter Include Variant Conditions Send to 3DEXPERIENCE				

Figure 43: TCI Web - Teamcenter - Send to 3DEXPERIENCE options

5.2.1.2 ItemRevision: update properties in 3DEXPERIENCE

update in 3DEXPERIENCE synchronizes current Teamcenter properties on the object to properties in 3DEXPERIENCE. The property mapping is configured in the XCISettings.xml. The Update is started with the *Update in 3DEXPERIENCE* button.

This command needs to be enabled by your administrator to be accessible.

TCI TCI - Teamcenter Info	× +					>	×
\leftarrow \rightarrow C $\widehat{\square}$ \triangle Not secure	nis12c056.epdm-d.edm.dsh.de	e:23080/XCI/PdmInfo			☆	ට 🛛 😩	:
rci About TCI · T€	Teamcenter 3DEXPERIE Update properties in 3D 000141/A;1-Engine	NCE List Proc EXPERIENCE	ess Monitor Tools▼		×	Logout	
- ♦ 000141/A;1 - ♦ 000135/	Update properties in 3DEXP	ERIENCE with the curr	ent values from Teamcenter. 3DEXPERIENCE	ENCE	1		
> 0001	Name	Value	Name	Value		1	
- 🍣 0001	ID	000141	External ID	XCI_NIS056_000141	RIENCE		
≫ 00	Description		Description	Dies ist ein "-Te"st	ERIENCE		
≫ OI	Name	Engine	Title	Engine			
≫ O(_		
+ 🍫 000139/							
+ 🏼 000130/				Update properties in 3DEXPERIEN	ICE		
+ ≫ 000140/A;	:1-ConnectionRod	Owning Site Release Sta	tus TCM Released				

Figure 44: TCI Web - Teamcenter - Update in 3DEXPERIENCE

5.2.1.3 ItemRevision: revise in 3DEXPERIENCE

revise in 3DEXPERIENCE revises the selected object in 3DEXPERIENCE. The object must have been previously transferred and the object mastership must be with 3DEXPEIRENCE The revise is started with the *Revise in 3DEXPERIENCE* button.

This command needs to be enabled by your administrator to be accessible.

TCI - Teamcenter Info × +				- 🗆 X
← → C ⋒ ▲ Not secure nis12c056.epdm-d.ed	m.dsh.de:23080/XCI/PdmInfo			☆ ひ □ 😩 :
About Teamcenter 3DE	EXPERIENCE List Proces	s Monitor Tools -	_	Logout
TCI · Teamcente	×			
	000141/A;1-Engine			
- 🍫 000141/A;1-Engine	-		and to 3DEXPER	IENCE
= 3.000125/A-1 PictonAccm	Туре	Design Revision	structure comp	are
	Item ID	000141	properties in 3DE	XPERIENCE
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	Name	Engine	vise in 3DEXPE	RIENCE
- 🧇 000133/A;1-PistonBoltAssm	Revision	А	guration data to 3	BDEXPERIENCE
> 000132/A;1-PistonBolt			ed VariantRule to	3DEXPERIENCE
> 000131/A;1-RetainingRing				
🕫 000131/A;1-RetainingRing		Revise in	3DEXPERIENCE	
+ > 000139/A;1-CrankShaft	Description			
+ @ 000130/A:1-FixedParts	Owner	tci (tci)		
	Group ID	Engineering		
+ > 000140/A;1-ConnectionRod	Owning Site			
	Release Status	TCM Released		

Figure 45: TCI Web - Teamcenter - Revise in 3DEXPERIENCE

5.2.1.4 ItemRevision: structure compare

Compare the structure in Teamcenter and 3DEXPERIENCE to check if all Items in the structure have been successfully transferred to 3DEXPERIENCE.

This command can be disabled by your administrator.

TCI TCI - Teamcenter Info × +		- 🗆 X
\leftrightarrow \rightarrow C $\widehat{\square}$ \triangle Not secure nis12c056.ep	dm-d.edm.dsh.de:23080/XCI/PdmInfo	☆ ⊉ □ ≗ :
About Teamcenter	3DEXPERIENCE List Process Monitor Tools - Structure Compare	Logout
	000141/A;1-Engine	
- 🗣 000141/A;1-Engine	Options	and to 3DEXPERIENCE
- 🅭 000135/A;1-PistonAssm	Check Documents	structure compare
000134/A;1-Piston	Check 3DEXPERIENCE data Use revision rule for expand	vise in 3DEXPERIENCE
- 🕭 000133/A;1-PistonBolt	Assm	guration data to 3DEXPERIENCE
000132/A;1-PistonE	Bott Use variant for expand	ad VariantRule to 3DEXPERIENCE
000131/A;1-Retaini	ngRing	
000131/A;1-Retaini	ngRinç	
+ 🧆 000139/A;1-CrankShaft	Church as Garage	
+ 🧶 000130/A;1-FixedParts	Structure Compa	Te
+ & 000140/A;1-ConnectionRo	od Owning Site Release Status TCM Released	

Figure 46: TCI Web - Teamcenter - Structure Compare

Options for the structure compare:

Check Documents

Activate to compare Dataset transfer status between Teamcenter and 3DEXPERIENCE.

Check 3DExperience data

If not activated, the Teamcenter structure is checked against the TCI mapping database only. Checking against 3DEXPERIENCE data can take considerably more time due to query and expand for the objects in 3DEXPERIENCE.

Use revision rule for expand

Activate the checkbox and select a revision rule if a specific revision rule should be used for the structure expand in Teamcenter.

Use variant for expand

Activate the checkbox and select a variant if a specific variant should be used for the structure expand in Teamcenter.

For large structures the compare may take time due to query and expand of the structure in both Teamcenter and 3DEXPERIENCE. The compare is therefore executed asynchronously and the result can later be retrieved from the Process page:

TCI - Proc	ess	×	+								-	
\rightarrow C	<u>م</u>	Not secure	nis12c056.epdm-d.edm	i.dsh.de:23080/X	CI/Process					☆	₽	
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TCI ·	Pro	cess										
Started after						Started bef	fore				â	j
User searc	ch	L	use % as wildcard			Description search use %			use % as wildcard			
find			complex processes	🗌 running (processes	PID pr	ocess id	max results	25			
đ												
Activity	Status	Desc	ription		Start	End	User	Info		Downloads		
FINISHED	SUCCE	SS TRA	NSFER_3DX_TO_PDM 01663 A DDT-20220727	1 prd-53252582- -1	27.11.2024, 17:27:24	27.11.2024, 17:28:53	xci-admin	Log Info		Report		

Figure 47: TCI Web - Process - Structure Compare Process Status

Compare Info opens a graphical representation of the comparison in a new browser tab. *Compare Result* downloads a .csv file containing the comparison result.



Figure 48: TCI Web - Structure Compare graphical result

C:\User:	s\A22549662\Downloads\compare-result.csv - Notepad++ [Administrator]	-		×
File Edit	Search View Encoding Language Settings Tools Macro Run TextFX Plugins Window ?		+ 1	▼ ×
🕞 🔚 🔚	▝▖▖▖▖▞▝▖▖▖▖▖▖▖▖▖▖▖▖▖▖▖▖▖▖▖▖▖▖▖▖▖▖▖▖▖▖▖▖	🖂 📓 🧯	30 🖻 🚺	» »
🔚 compare-	result.csv 🔀			
1	# ID, parentID, partId, revisionId, display, location, status, status txt XCI DB, status txt	3DX,	ins	stan
2	"ETP-1","#","000141","A","000141/A;1-Engine","#/000141 A","OK","Found [6724674670586D4F5A4E3	85454	4288	3888
3	"ETP-2","ETP-1","000130","A","000130/A;1-FixedParts","#/000141 A/FixedParts.1/000130 A","OK"	, "Fou	ind	[775
4	"ETP-3","ETP-2","000129","A","000129/A;1-CylinderBlock","#/000141 A/FixedParts.1/000130 A/Cy	linde	rBlo	ock.
5	"ETP-4","ETP-2","000128","A","000128/A;1-Rack","#/000141 A/FixedParts.1/000130 A/CylinderBlo	ck.1/	Rac]	<.1/
6	"ETP-5","ETP-4","000126","A","000126/A;1-Case","#/000141 A/FixedParts.1/000130 A/CylinderBlo	ck.1/	Racl	<.1/
7	"ETP-6","ETP-4","000127","A","000127/A;1-Screw","#/000141 A/FixedParts.1/000130 A/CylinderBl	ock.1	/Rac	ck.1
8	"ETP-7", "ETP-4", "000127", "A", "000127/A;1-Screw", "#/000141 A/FixedParts.1/000130 A/CylinderBl	ock.1	/Rac	ck.1
9	"ETP-8", "ETP-4", "000127", "A", "000127/A;1-Screw", "#/000141 A/FixedParts.1/000130 A/CylinderBl	ock.1	/Rac	2k.1
10	"ETP-9","ETP-4","00012/","A","00012//A;I-Screw","#/000141 A/FixedParts.1/000130 A/CylinderBL	ock.1	/Rac	CK.1
	"ETP-10", "ETP-1", "000135", "A', "000135/A;1-PistonAssm", "#/000141 A/FixedParts.1/PistonAssm.1/	JUUI3	5 A'	: <u>,</u> "이
12	"ETP-11", "ETP-10", "000133", "A", "000133/A;1-PistonBoltAssm", "#/000141 A/FixedParts.1/PistonAss	3m.1/	0001	135
1.1	"ETF-12", "ETF-11", "OU0131", "A", "OU0131/A)1-ReclainingKing", "#/OU0141 A/FIXedParts.I/FistonAssi	n.1/0	25 7	
14	"EIF-15", "EIF-11", "000132", "A", "000132/A;1-FISCONDOLC", "#/000141 A/FIXedFAILS.1/FISCONASSM.1	/ 0001 m 1/c	0011	1/ P 1
16	EFF-14, EFF-10, WOOl34, A, WOOl37A, Evecaningking, #/WOOl41 A/Fixedratics.fristonasom	135 Z	/Pic	ston
17	FTP-16" "FTP-1" "000140" A, 000140/A-1-ConnectionEdd" "#/000141 A/FixedEnts.1/PitconAsem	1/00	nner	rtio
18	ETP-17" "ETP-1", "000139", "A" "000139/A-1-CrankShaft", "#/000141 A/FixedParts.1/PistonAssm.1/	Conne	octic	nRo
19	ETP-18", "ETP-17", "000136", "A", "000136/A:1-CrankShaftRight", "#/000141 A/FixedParts.1/PistonA	ssm.1	/Cor	nec
20	"ETP-19", "ETP-17", "000137", "A", "000137/A:1-CrankBolt", "#/000141 A/FixedParts.1/PistonAssm.1/	Conne	ctic	onRo
21	"ETP-20", "ETP-17", "000138", "A", "000138/A; 1-CrankShaftLeft", "#/000141 A/FixedParts.1/PistonAs.	sm.1/	Conr	nect
22				
Normal text	file length • 9239 lines • 22 In • 1 Col • 1 Pos • 1 Windows //O LE LITE	8		IN
Normal text	ine rengui	0		

Figure 49: TCI Web - Structure Compare .csv result

5.2.1.5 ItemRevision: send Configuration data to 3DEXPERIENCE

This command reads the Teamcenter legacy Options from the selected ItemRevision and creates or updates the 3DEXPERIENCE Model, Model Version, Variants and Variant Values.

This command needs to be enabled by your administrator to be accessible.

TCI - Teamcenter Info × +		- 🗆 ×
\leftrightarrow \rightarrow \mathbb{C} $\widehat{\mathbb{A}}$ Not secure nis12c056.epdm-d.ec	m.dsh.de:23080/XCI/PdmInfo	ව 🛛 😩 🗄
About Teamcenter 3D	Sond Configuration date to 2DEVDEDIENCE	Logout
TCI · Teamcenter		
+ & DDTConfiguredAssy1/A;1	Options Indito 3DEXPERIENCE	
	Force F	
	vise in 3DEXPERIENCE turation data to 3DEXPERIENCE	
	Type Item Revision	

Figure 50: TCI Web – Teamcenter – Send Configuration data to 3DEXPERIENCE

5.2.1.6 ItemRevision: send attached VariantRule to 3DEXPERIENCE

The send attached VariantRule to 3DEXPERIENCE command reads all VariantRules that are attached to the selected ItemRevision in Teamcenter and creates or updates the Product Configuration in 3DEXPERIENCE. The Model, Model Version, Variants and Variant Values must already exist in 3DEXPERIENCE.

This command needs to be enabled by your administrator to be accessible.

TCI - Teamcenter Info X +			>	×
← → C ⋒ ▲ Not secure nis12c056.epdm-d.e	dm.dsh.de:23080/XCI/PdmInfo	☆	ዕ 🛛 🚨	:
✓Image: About Teamcenter 30 TCI · Teamcenter ↓ < DDTConfiguredAssy1/A;1	EXPERIENCE List Process Monitor Tools+ Send attached VariantRule to 3DEXPERIENCE X DDTConfiguredAssy1/A:1 Options Proce Send to 3DEXPERIENCE Send to 3DEXPERIENCE	Ind to 3DEXPERIENCE structure compare properties in 3DEXPERIENCE vise in 3DEXPERIENCE juration data to 3DEXPERIENCE d VariantRule to 3DEXPERIENCE	Logout	

Figure 51: TCI Web – Teamcenter – Send attached VariantRule to 3DEXPERIENCE

5.2.2 Folder actions

5.2.2.1 Folder: send to 3DEXPERIENCE

The folder page displays the Items inside the folder in the structure tree on left and properties of the folder on the right. The folder can be transferred to 3DEXPERIENCE.

Options for folder transfer:

Only Folder Structure

If enabled, the folder structure without containing Items is transferred to 3DEXPERIENCE. The folder structure may contain multiple levels.

• for the other options see chapter 2.1.

TCI - Teamcenter Info × +		- 🗆 X
← → C ⋒ ▲ Not secure nis12c056.epdm-d.e	dm.dsh.de:23080/XCI/PdmInfo	☆ 🏼 🗘 🗌 😩 🗄
About Teamcenter 30 TCI TeatFolder + <a> 000273/A;1-Product1 + <a> 000339/A;1-Product1 + <a> 0004359-Test	EXPERIENCE List Process Monitor Tools+ Send Folder to 3DEXPERIENCE X TestFolder Send to options Force © Remove non-existing children in 3DEXPERIENCE Use revision rule for expand Latest Working V Include Variant Conditions Only Folder Structure	Logout
© 2024 T-Systems International GmbH	Send Folder to 3DEXPERIENCE	

Figure 52: TCI Web – Teamcenter – Send Folder to 3DEXPERIENCE.

5.2.3 VariantRule actions

5.2.3.1 VariantRule: send to 3DEXPERIENCE

The VariantRule page displays the selected VariantRule. It can be transferred to 3DEXPERIENCE. The transfer creates or updates the Product Configuration in 3DEXPERIENCE. The Model, Model Version, Variants and Variant Values must already exist in 3DEXPERIENCE.

This command needs to be enabled by your administrator to be accessible.

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← → C A Not secure nis12c056.epdm-d.edm.dsh.de:23080/XCI/PdmInfo	☆ む 🛛 😩 :
About Teamcenter SDEXPERIENCE List Process Monitor Tools + TCI - Teamcenter Send Configuration data to 3DEXPERIENCE X + © RoundVariant Send to options X - Force Force Send to 3DEXPERIENCE X	Logout
Date Modified 27-Jan-2023 14:56	

Figure 53: TCI Web – Teamcenter – Send VariantRule to 3DEXPERIENCE.

5.3 3DEXPERIENCE

On the *3DEXPERIENCE* page you can query for 3DEXPERIENCE objects of different types:

- Physical Product
- Bookmark / Engineering Folder
- Configuration Model

In the query criteria fields you can use wildcards. Click on the *find* button to start the query.

The query result will be displayed in the table below. When you click on the display name of the object the object will be shown on a new page.

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TCI · 3DEXPERIENCE	Query						
Physical Product Bookmark Configuration Model							
Name							
Title	Engine						
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Туре							
find							
Display	Name	Title	Revision	Туре			
prd-53252582-00001659 A Engine	prd-53252582-00001659	Engine	A	VPMReference			
prd-53252582-00001592 A Engine	prd-53252582-00001592	Engine	А	VPMReference			
prd-53252582-00001607 A Engine	prd-53252582-00001607	Engine	А	VPMReference			

Figure 54: TCI Web - 3DX - Query result

When opening a result from the query, information about that object are displayed:

- structure tree to expand the structure below the selected object in 3DEXPERIENCE
- 3DEXPERIENCE properties of the selected object
- commands, for example transfer to 3DEXPERIENCE or structure comparison with 3DEXPERIENCE

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About Teamcenter 3DEXPERIENCE List Pro	ocess Monitor To	ols •	Logout
TCI · 3DEXPERIENCE Inform	mation		
- © prd-53252582-00001659 A Engine	Name	Value	send to Teamcenter
R prd 53252592 00001640 A EivedParte	ID	24116.44194.19946.25104	structure compare
- • pid-53252562-0000 1049 A Fixed Faits	Туре	VPMReference	
prd-53252582-00001645 A CylinderBlock	Name	prd-53252582-00001659	
- * prd-53252582-00001648 A Rack	Revision	A	
mrd.53252582.00001647 & Case	Vault	vplm	
	Policy	VPLM_SMB_Definition_MajorRev	
prd-53252582-00001646 A Screw	State	IN_WORK	
prd-53252582-00001646 A Screw	Created	2022-07-22T07:51:04.000Z	
prd-53252582-00001646 A Screw	Modified	2023-06-27T08:05:55.000Z	
- pid-0222202-000010407-0000	Owner	paretz	
prd-53252582-00001646 A Screw	Organization	Company Name	
+ 🖲 prd-53252582-00001654 A PistonAssm	Project	JLR	
+ [®] prd-53252582-00001644 A ConnectionRod	External ID	prd-53252582-00001659	
	Title	Engine	
	Description		

Figure 55: TCI Web - 3DX - Expanded structure

5.3.1 Physical Product: send to Teamcenter

By clicking the *send to Teamcenter* button you can start the transfer to Teamcenter. In this dialog you have some options, to configure the *Send to Teamcenter* functionality. For details, please refer to *chapter 4.7 TCI command Send to Teamcenter*.

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		VPMReference: prd-53252582-00001659 A		
	- © prd-53252582-00001659 A Engine	Expand Depth		send to Teamcenter
	- • prd-53252582-00001649 A Fixed	All		structure compare
	prd-53252582-00001645 A C	 None Select depth 		
	- 🖷 prd-53252582-00001648 A R			
	prd-53252582-00001647 /	 Transfer substructures at expand depth in parallel 		
	prd-53252582-00001646 /	Send to options		
	prd-53252582-00001646 /	Force Remove non-existing children in Teamcenter		
	prd-53252582-00001646	Include Effectivity		
	prd-53252582-00001646 /		-	
	+ 🖲 prd-53252582-00001654 A Pisto		_	
	+ 🖲 prd-53252582-00001644 A Conr	Send to Teamcent	er	
	+ 🖲 prd-53252582-00001658 A CrankS	haft Description		

Figure 56: TCI Web - 3DX - Send to Teamcenter options

The Include Effectivity checkbox is only accessible if enabled by your administrator.

Include Effectivity will transfer the effectivity info from 3DEXPERIENCE to Teamcenter and creates the Variant Conditions (Configuration needed in XCISettings).

5.3.2 Physical Product: structure compare

Compare the structure in Teamcenter and 3DEXPERIENCE to check if all Items in the structure have been successfully transferred to Teamcenter.

This command can be disabled by your administrator.

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About Teamcenter 3DA	EXPERIENCE List Process Monitor Tools* Structure Compare	Logout
	VPMReference: prd-53252582-00001659 A	
● © prd-53252582-00001659 A Engine	Options	send to Teamcenter
- 🖲 prd-53252582-00001649 A Fixed	Check Documents	structure compare
prd-53252582-00001645 A C	Check Teamcenter data	
- ♥ prd-53252582-00001648 A R		
prd-53252582-00001647 /	Structure Compare	
♥ prd-53252582-00001646 .	State	

Options for structure compare:

Check Documents

Activate to compare Dataset transfer status between Teamcenter and 3DEXPERIENCE.

Check Teamcenter data

If not activated, the Teamcenter structure is checked against the TCI mapping database only. Checking against Teamcenter data can take more time due to query and expand for the objects in Teamcenter.

For large structures the compare may take time due to query and expand of the structure in both Teamcenter and 3DEXPERIENCE. The compare is therefore executed asynchronously, and the result can later be retrieved from the Process page by the *Compare Info* and *Compare Result* links:



Figure 58: TCI Web - Process - Structure Compare Process Status

5.3.3 Bookmark / Engineering Folder: send to Teamcenter

Bookmarks or Engineering Folder can be transferred to Teamcenter. Depending on TCI configuration, only Bookmarks or only Engineering Folder can be transferred (see figure below).

The functionality is the same for both Bookmarks and Engineering Folder. In the following, it is only described for Bookmarks.

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find Display BMR_1839965643 BMR_3113918304 BMR_5102664375 BMR_5971906424 BMR_7317695401	Name BMR_1839965643 BMR_3113918304 BMR_5102664375 BMR_5971906424 BMR_7317695401	Responsible ddjuga conwitti ddjuga ddjuga ddjuga addjuga addjuga	
find Display BMR_1839965643 BMR_3113918304 BMR_5102664375 BMR_5971906424 BMR_7317695401 Bookmark1	Name BMR_1839965643 BMR_3113918304 BMR_5102664375 BMR_5971906424 BMR_7317695401 Bookmark1	Responsible ddjuga conwitti ddjuga ddjuga ddjuga astaudin ddjuga	

Figure 59: TCI Web - 3DX - Bookmark query

Selecting a query result displays the Bookmark structure and attributes. The Bookmark can be transferred to Teamcenter.

Options for Bookmark transfer:

Only Bookmark Structure

If selected, the Bookmark structure is transferred without attached Physical Products. The Bookmark structure may contain multiple levels.

for the other options see chapter 5.3.1

TCI TCI - 3DEXPERIENCE Info X +				- 0 X
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About Teamcenter 3	DEXPERIENCE List Process	s Monitor Tools	•	Logout
TCI · 3DEXPERI	Send Bookmark to Teamo	enter	×	
	Workspace: BMR_311391830	4 1		
+ ≌ BMR_3113918304	Send to options Force Remove non-existing childre Include Effectivity Only Bookmark Structure	en in Teamcenter		send to Teamcenter
			Send Bookmark to Teamcenter	
		Owner	conwitti	

Figure 60: TCI Web - 3DX - Send Bookmark to Teamcenter

5.3.4 Configuration Model: send to Teamcenter

With the Configuration Model tab the query for 3DEXPERIENCE Models is shown.

This command needs to be enabled by your administrator to be accessible.

In the search filed you can use wildcards. Click on the *find* button to start the Configuration Model query.

The query result will be displayed in the table below. When you click on the display name of the object the object will be shown on a new page.

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Physical Product Bookmark Configuration Model				
Search	X*			
find				
Display	Name	Marketing Name		
X519 X519	X519	X519		

Figure 61: TCI Web - 3DX - Query result with Configuration Models

When opening a result from the query, information about that Model are displayed:

- structure tree to expand the Model Versions below the selected Model in 3DEXPERIENCE
- 3DEXPERIENCE properties of the selected Model or Model Version
- transfer to Teamcenter command

TCI - 3DEXPERIENCE Info × +			- D X
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About Teamoenter 3	EXPERIENCE List Process Monitor Tools Send Configuration Data to Teamcenter	×	Logout
- 9 X519 X519	Model: X519 Send to options		send to Teamcenter
+ © X519 X519 A	Force		
		Send to Teamcenter	
	Created Modified	2021-01-18T08:41:22.000Z 2022-02-09T12:32:02.000Z	

Figure 62: TCI Web – 3DX – Send to Teamcenter options for the Model

As a result, the Configuration Model and its Model Versions with Options and Configurations are exported from 3DEXPERIENCE and imported to the Legacy Configuration of Teamcenter. The Configuration Items in Teamcenter must be configured in XCISettings.

Legacy Options, Option Values and Variant Rules are transferred to Teamcenter.

5.4 List

With list processing you can transfer a list of objects between Teamcenter and 3DEXPERIENCE. Upload a .csv file containing the list of objects.

If sending a list to 3DEXPERIENCE, a revision rule can be selected to resolve incomplete information in the input list, i. e. only Item ID is provided but no revision. Before sending the list, it must be validated against Teamcenter to check if objects exist using the "Validate" button.

If sending a list to Teamcenter, the list is automatically validated against 3DEXPERIENCE to check if objects exist.

After validation the list can be send to Teamcenter or 3DEXPERIENCE. If there were errors during object validation, the erroneous objects will be highlighted. You can filter the list to only show these erroneous objects.

Using Save you can download the validated list.

The input format list transfer from Teamcenter to 3DEXPERIENCE is (type or revision may be empty):

```
#Item ID;Revision;Type
000141;A;ItemRevision
000142;C;Design Revision
000143;B;
000144;;
```

The input format list transfer from 3DEXPERIENCE to Teamcenter is (type may be empty):

#Name;Revision;Type
000010;A;Part
000005;F;Part
000011;A;
000015;A;

→ C n A Not se					- 0
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FTCI Abou	ut Teamcenter 3DEXPERIENCE List Proc	cess Monitor	Tools •		Logout
TCI · L	ist processing				
Teamcenter	3DEXPERIENCE				
CSV file:	Choose File listTeamcentegration.csv	tevision Rule:	Latest Working ~	Send to 3DEXPERIENCE Save	
Validate					
Validation: 2 c	of 3 objects not valid!			Only show invalid objects	
Line	tem ID	Revision	Туре	Status	
Line M 2 C	tem ID 00141	Revision A	Type ItemRevision	Status No object found	
Line 2 3	tem ID 100141 100142	Revision A B	Type ItemRevision ItemRevision	Status No object found No object found	

Figure 63: ACI Web - List - Teamcenter - List partially validated.

5.5 Process

On the *Process* page you can get the information about the processes of the transfer actions.

The search for specific data transfer jobs is possible by entering a started after date, started before date, username and/or a description search string. For the dates the calendar widget can be used. For the strings the wildcard % is possible.

Click the *find* button to start the query. The query result will be displayed in the table below.

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TCI ·	Proce	SS									
Started af	ter		m	Started bef	ore				i		
User sear	ch	use % as wildcard		Descriptior	n search	use % as wildcard					
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Activity	Status	Description	Start	End	User	Info	D	ownloads			
RUNNING	RUNNING	TRANSFER_PDM_TO_3DX 000141/A;1 Engine	- 27.06.2023 15:30:20		xci-admin						
8											

Figure 64: TCI Web - Tools - Process - Query result

The result will show the activity and the status with start and end date. The description includes the function and the display name of the object. If the Status is FAILED, more information is available with the tooltip and the link of the Status.

Running processes (Status RUNNING) can be stopped by clicking ⁽²⁾. Processes are not stopped immediately, instead processes check throughout processing if stop has been triggered to terminate gracefully.

When activating the "complex processes" checkbox, only complex processes are searched, e.g. Folder transfer or List transfers. The ∇ symbol in the result for a complex process shows all child processes of this complex process.

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User sear	ch	use % as wildcard			Description	search	use % as wildcard					
find		complex processes	running proce	esses	PID pr	ocess id	max results 25					
•												
Activity	Status	Description	Str	art	End	User	Info	D	ownloads	3		
	RUNNING	TRANSFER_LIST_TO_3DX sendListTo3DX-8d01a510-4	27 bea-4222- 15	.06.2023 :26:20		xci-admin						
∇		0000-000040140012										

Figure 65: TCI Web – Tools – Process – Query result for complex processes.

Use 🖻 to show all queued processes of a list (transfer that have been initiated by the user but have not been started by TCI yet).

TCI TCI - Process	× +			~	-		×
	ot secure nis12c056.epdm-d.edm.dsh.de:23080/XCI/Process#			6 1	*) :
About	Teamcenter 3DEXPERIENCE LIST Process	Monitor Tools -	Loqout	Loaged in	as 'xci-a	lmin'	
TCI · Pi	Job Info			×			
	Description	Status	id				
Started after	sendListTo3DX-8d01a510-4bea-4222-b66d-556e4014a012	RUNNING	caea8bee-fa30-4820-93af- c59bc30c1b12		i		
User search	000135/A;1-PistonAssm	QUEUED	e5b75e18-9688-45ba-99b4- 0088cc00d0d9				
find	000139/A;1-CrankShaft	WAITING	55e746e7-64a8-49e6-883f- c25fe64cb6aa				
đ	000130/A;1-FixedParts	WAITING	1c7d653e-e88b-4780-a64c- 08fd9353c496				
Activity St	000140/A;1-ConnectionRod	WAITING	6d3e0964-9c74-4af3-a9f3- 34e1df1ca159	ts			
RUNNING RUNNING RUNNING RUNNING RUNNING							

Figure 66: TCI Web – Tools – Process – Show queued jobs for a list process.

If Log files are available, the open Info link provide more information.

FINISHED	SUCCESS	STRUCTURE_COMPARE_PDM_JOB 000141/A;1- Engine	16.03.2023 18:20:26	16.03.2023 18:20-30 Open Log	xci-admin	Log Info 060998-a46e-4722-84a8-3218	Report 7487fbe8 Te Result
FINISHED	SUCCESS	TRANSFER_PDM_TO_3DX 000141/A;1-Engine	16.03.2023 18:06:01	16.03.2023 18:06:05	xci-admin	Log Info	Report

Figure 67: TCI Web - Tools - Process - open log info

The open Info link provides more Information about the process.



Figure 68: TCI Web – Tools – Process – log info dialog

The info contains the Work directory and the Files which can be downloaded from the Work directory as zip file. The downloadable files are logs, control and meta information files, but not CAD Files. The zip files starting with "CS_" are logs from the Conversion Server infrastructure.

The zip file can be downloaded with the Download all files as ZIP link.

Image: C:\Users\astaudin\Downloads\c98d6bd4-0b1f-4a3d-a959-93b5fd360208.zip\			-		×
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Hinzufügen Entpacken Überprüfen Kopieren Verschieben Löschen	Eigenschat	ften			
C:\Users\astaudin\Downloads\c98d6bd4-0b1f-4a3d-a959-93b5fd360208.zip\					~
Name	Größe	Gepackte Größe	Geändert am	Erst	ellt am
2 1_prd-97996872-00000774-1.log	16 637	1 671	2022-10-17 16:38		
2 1_prd-97996872-00000774-1.xml	8 794	797	2022-10-17 16:38		
2738.61427.41397.443141_1.log	103	86	2022-10-17 16:38		
CS_2022-10-17T14_37_38.517Z_7ca0b1c0-a86c-4c89-8eab-3a350f3587c8.zip	269 238	253 216	2022-10-17 16:38		
CS_2022-10-17T14_38_06.029Z_696b3165-4dd6-4bb2-bee7-e1bdb0a71db2.zip	7 771	7 610	2022-10-17 16:38		
🔐 exp_MetaData.xml	48 004	3 847	2022-10-17 16:38		
exp_MetaData.xml.export	46 215	3 744	2022-10-17 16:38		
exp_MetaData.xml.orig	47 010	3 757	2022-10-17 16:38		
🔐 exp_MetaData.xml.xpdm	46 930	3 745	2022-10-17 16:38		
🔐 exp_MetaData.xml.xpdm.log	74 191	7 293	2022-10-17 16:38		
📓 jobLogger_c98d6bd4-0b1f-4a3d-a959-93b5fd360208.log	671 565	43 506	2022-10-17 16:38		
📓 report_prd-97996872-00000774_A.log	16 637	1 671	2022-10-17 16:38		
<					>
0 / 12 Objekt(e) markiert					

Figure 69: TCI Web - Tools - Process - downloaded ZIP file

The CS logs contain logs from the Converter Server and an info file with the CS info.

Z C:\Users\	astaudin\Downl	oads\c98d6bd4	-0b1f-4a3d-a9	59-93b5fd360208	zip\CS_2022-	10-17T14_37_	38.517Z_7ca0b1c0	-a86c-4c89 —		×
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📓 exp_Metal	Data.xml					49 397	3 672	2022-10-17 16:37		
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0 / 3 Objekt(e)	markiert									

Figure 70: TCI Web - Tools - Process - downloaded CS ZIP file

The "cs-info.txt" contains the following info:



5.6 Monitor

The Monitor page will display an overview about the used resources and running processes.



Figure 71: TCI Web - Monitor

The information is grouped in the following sections:

- processing workload: Overview of the job pool workload and the used resources.
- converter server: Overview of the converter server with their configured converters and their workload.
- running processes: Overview of the running processes.

5.7 Tools

There are several tools available in the Tools menu.

• TCI - Info × +					-		×
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TCI · 3DEXPERIEN	CE Teamcenter	Operation Persisten	is t				
		Configura	tion				
	Build version	Details					
	Build date	File Cache		T08:43:25.210+0100			
	XCI_HOME	License		2x\XCI_HOME			
	General settings path		C:\TCI13_2	22x\XCI_HOME\XCISettings.xml			
(Administration settings path		C:\TCI13_2	22x\XCI_HOME\XCIAdminSettings.xml			
	Teamcenter adapter version		Teamcente	ir 13			
	Teamcenter version		V13000.1.1	1.11_20210301.00			
	3DEXPERIENCE adapter version		3DEXPER	IENCE 2022x			
	3DEXPERIENCE version		3DEXPER	IENCE R2022x HotFix 4			
© 2024 T-Systems International GmbH							

Figure 72: TCI Web - Tools - Operations

The following tools will be described:

- Operations
- Persistent
- Configuration
- Details
- File Cache
- License

Details and File Cache are disabled by default and must be enabled in TCI settings.

5.7.1 Operations

Select *Tools* \rightarrow *Operations* to get the information about the operations of the transfer actions.

The search for specific data transfer jobs is possible by entering a start date, end date and/or an object search string. For the dates the calendar widget can be used. For the string the wildcard % is possible.

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	Start date					Ĩ		
	End date					i		
	Related object search	000141						
	find							
	© 2023 T-Systems International GmbH							

Figure 73: TCI Web - Operations - Query

Click the *find* button to start the query. The query result will be displayed in the table below.

TCI - Operations × +								\sim	-		
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TCI · Operations											
Start date											
End date											
Related object search		000141									
find											
Entry Point	Δ	ctivity									
2f800ea9-3112-4d3d-a44b-166e9a2f6cc1	+	Root object			Start date	En	d date				
2f800ea9-3112-4d3d-a44b-166e9a2f6cc1	+	Root object XCI_NIS056_0001	41 A][00014	1 A]	Start date 16.03.2023 18:20:28	En 16.	d date 03.2023 1	8:20:3	0		
2f800ea9-3112-4d3d-a44b-166e9a2f6cc1	+	Root object XCI_NIS056_0001	41 A][00014	1 A]	Start date 16.03.2023 18:20:28	En.	d date 03.2023 1	8:20:3	0		

Figure 74: TCI Web - Operations - Query result

By selecting the respective plus sign + detailed information on the individual steps of an Entry Point are displayed.

			Logout	Logged in as xci-admir
-	Activity	Status	Start date	End date
	PDM_EXPORT	SUCCESS	06.02.2023 15:34:46	06.02.2023 15:34:51
	CONVERT_PDM_3DX	SUCCESS	06.02.2023 15:34:50	06.02.2023 15:34:51
	PROCESS_COEXISTENCE_XPDMXML	SUCCESS	06.02.2023 15:34:51	06.02.2023 15:34:51
	PDM_DOWNLOAD	SUCCESS	06.02.2023 15:34:51	06.02.2023 15:34:52
	PREPROCESS_PREPARE	SUCCESS	06.02.2023 15:34:52	06.02.2023 15:34:52
	PREPROCESS_DO	SUCCESS	06.02.2023 15:34:52	06.02.2023 15:34:55
	PREPROCESS_FINISH	SUCCESS	06.02.2023 15:34:55	06.02.2023 15:34:55
	CONVERT_PREPARE	SUCCESS	06.02.2023 15:34:55	06.02.2023 15:34:55
	DIRECT_IMPORT_PRODUCTSTRUCTURE	SUCCESS	06.02.2023 16:03:35	06.02.2023 16:05:44
	POSTPROCESS	SUCCESS	06.02.2023 16:05:41	06.02.2023 16:05:41
	2	Activity PDM_EXPORT CONVERT_PDM_3DX PROCESS_COEXISTENCE_XPDMXML PDM_DOWNLOAD PREPROCESS_PREPARE PREPROCESS_FINISH CONVERT_PREPARE DIRECT_INPORT_PRODUCTSTRUCTURE DORECT_INPORT_PRODUCTSTRUCTURE	Activity Status PDM_EXPORT SUCCESS POM_EXPORT SUCCESS PROCESS_COEXISTENCE_XPDMXML SUCCESS PROCESS_COEXISTENCE_XPDMXML SUCCESS PREPROCESS_PREPARE SUCCESS PREPROCESS_FINISH SUCCESS CONVERT_PREPARE SUCCESS CONVERT_PREPARE SUCCESS DIRECT_IMPODUCTSTRUCTURE SUCCESS DIRECT_IMPODECS	Activity Status Start date PDM_EXPORT SUCCESS 06.02.2023 15:34:60 CONVERT_PDM_3DX SUCCESS 06.02.2023 15:34:50 PROCESS_COEXISTENCE_XPDMXML SUCCESS 06.02.2023 15:34:51 PDM_DOWNLOAD SUCCESS 06.02.2023 15:34:51 PREPROCESS_PREPARE SUCCESS 06.02.2023 15:34:52 PREPROCESS_DO SUCCESS 06.02.2023 15:34:55 CONVERT_PREPARE SUCCESS 06.02.2023 15:34:55 CONVERT_PREPARE SUCCESS 06.02.2023 15:34:55 DIRECT_IMPORT_PRODUCTSTRUCTURE SUCCESS 06.02.2023 16:03:35

Figure 75: TCI Web - Operations - Details

By clicking on the Entry Point name, the related objects are displayed on a new page.

TCI - EntryPoint X	+				\sim	-		>
\leftarrow \rightarrow C \triangle Not secure	nis12c056.epdm-d.edm.dsh.de:23080/XCI/E	ntryPoint		1	6 ☆	* 0		1
About Teamo	enter 3DEXPERIENCE LIST Proc	ess Monito	or Tools -	Logout Log	gged in as	'xci-admir	n'	
TCI · Entry	Point							
g\$gFpXmOZN	I8TTB							
Related objects fo	or [XCI_NIS056_000141 A][000141	۹]					
ТС Туре	TC Name	TC Revision	3DX Туре	3DX Name	3D Re	X vision		
Design Revision	000135	А	iPLMPart	XCI_NIS056_000135	А			
Design Revision	000133	А	iPLMPart	XCI_NIS056_000133	А			
Design Revision	000134	А	iPLMPart	XCI_NIS056_000134	А			
Design Revision	000138	А	iPLMPart	XCI_NIS056_000138	А			
Design Revision	000126	A	iPLMPart	XCI_NIS056_000126	А			
Design Revision	000136	A	iPLMPart	XCI_NIS056_000136	А			

Figure 76: TCI Web - Operations - Entry Point

5.7.2 Persistent

Select *Tools* \rightarrow *Persistent* to get the information about the operations of the transfer actions stored in the persistent directory.

The information is based on the existing files in the persistent directory.

CI - Persistent × +							_	0
C A Not secure nis12c056.epdm-	d.edm.dsh.	de:23080/XCI/Persistent				€ ☆	*	
STCI About Teamcenter 3DEXPER	RIENCE	LIST Process M	onitor Tools -		Logout Lo	ogged in a	s 'xci-ad	min'
TCI · Persistent dire	ector	У						
Host name		NIS12C056						
Persistent directory		C:\TCI13_22x\XCI_HO	ME\persistent					
reload								
reload Entry Point		Activity						
reload Entry Point 39b13c72-b462-4b3b-97b8-20ee25b96237	+	Activity Root object		Start date	End dat	e		
reload Entry Point 39b13c72-b462-4b3b-97b8-20ae25b96237	+	Activity Root object		Start date 16.03.2023 19:11:12	End dat 16.03.24	ае 023 19:11:	15	
reload Entry Point 39b13c72-b462-4b3b-97b8-20ae25b96237 2f800ee9-3112-4d3d-e44b-166e9a2f6cc1	+	Activity Root object Root object		Start date 16.03.2023 19:11:12 Start date	End dat 16.03.24 End dat	ie 023 19:11:	15	
reload Entry Point 39b13c72-b462-4b3b-97b8-20ae25b96237 2f800ea9-3112-4d3d-e44b-166e9a2f6cc1	+	Activity Root object Root object [XCI_NIS055_000141 A](000141 A)	Start date 16.03.2023 19:11:12 Start date 16.03.2023 18:20:28	End dat 16.03.20 End dat 16.03.20	ie 023 19:11: ie 023 18:20	15	
reload Entry Point 39b13c72-b462-4b3b-97b8-20ae25b96237 2f800ea9-3112-4d3d-a44b-166e9a2f6cc1 gehRR00VZN8TTB	+	Activity Root object Root object [XCI_NIS056_000141 A](000141 A]	Start date 16.03.2023 19:11:12 Start date 16.03.2023 18:20:28	End dat 16.03.24 End dat	:e)23 19:11: :e)23 18:20	15 30	

Figure 77: TCI Web - Persistent directory

By selecting the respective plus sign + detailed information on the individual steps of an Entry Point are displayed.

About Teamcenter 3DEXPERI	ENCE	LIST Process Monitor Tools -		Logo	ut Logged in as 'xci-adm				
gehRR00VZN8TTB	-	Activity	Status	Start date	End date				
		PDM_EXPORT	SUCCESS	16.03.2023 15:50:12	16.03.2023 15:50:13				
		CONVERT_PDM_3DX	SUCCESS	16.03.2023 15:50:13	3 16.03.2023 15:50:13				
		PROCESS_COEXISTENCE_XPDMXML	SUCCESS	16.03.2023 15:50:13	3 16.03.2023 15:50:13				
		PDM_DOWNLOAD	SUCCESS	16.03.2023 15:50:13	3 16.03.2023 15:50:13				
		PREPROCESS_PREPARE	SUCCESS	16.03.2023 15:50:13	3 16.03.2023 15:50:13				
		PREPROCESS_DO	SUCCESS	16.03.2023 15:50:13	3 16.03.2023 15:50:13				
		PREPROCESS_FINISH	SUCCESS	16.03.2023 15:50:13	3 16.03.2023 15:50:13				
		CONVERT_PREPARE	SUCCESS	16.03.2023 15:50:13	3 16.03.2023 15:50:13				
		DIRECT_IMPORT_PRODUCTSTRUCTURE	SUCCESS	3 16.03.2023 15:51:35					
		POSTPROCESS	SUCCESS	3 16.03.2023 15:51:33					
gehRR00VZN8TTB-attached-configurations	+	Root object	Start	date	End date				
			16.03.	2023 13:11:48	16.03.2023 13:11:50				
gehRR00VZN8TTB-configuration	+	Root object	Start	date	End date				
			16.03.	2023 12:59:24	16.03.2023 12:59:31				

Figure 78: TCI Web - Persistent directory - Details

By selection the Entry Point name, the related objects are displayed on a new page.

TCI - EntryPoint	× +				 ✓ - □
→ C A Not	secure nis12c056.epdm-d.edm.dsh.de:2	3080/XCI/EntryPoint			e 🖈 🕇 🖬 😫
About	Teamcenter 3DEXPERIENCE LIS	T Process Moni	tor Tools -	Logout Lo	ogged in as 'xci-admin'
TCI · Ent	ry Point				
	ry ronne				
aehRR00V	ZN8TTB				
9					
Related object	ts for [XCI_NIS056_DDT	ConfiguredAss	sy1 A][DDTCon	figuredAssy1 A]	
ТС Туре	TC Name	TC Revision	ЗDХ Туре	3DX Name	3DX Revision
ItemRevision	DDT-230315-D1	А	VPMReference	XCI_NIS056_DDT-230315-D1	A
ItemRevision	DDT-230315-D11	А	VPMReference	XCI_NIS056_DDT-230315-D11	A
ItemRevision	DDT-230315-S1D1	А	VPMReference	XCI_NIS056_DDT-230315-S1D1	A
ItemRevision	DDTConfiguredAssy1	А	VPMReference	XCI_NIS056_DDTConfiguredAssy1	A
ItemRevision	DDT-230315-S2D1	А	VPMReference	XCI_NIS056_DDT-230315-S2D1	A
ItemRevision	DDT-230315-SYS4	А	VPMReference	XCI_NIS056_DDT-230315-SYS4	A
ItemRevision	DDT-230315-S4D1	А	VPMReference	XCI_NIS056_DDT-230315-S4D1	А
ItemRevision	DDT-230315-S3D1	А	VPMReference	XCI_NIS056_DDT-230315-S3D1	A
ItemRevision	DDT-230315-SYS1	А	VPMReference	XCI_NIS056_DDT-230315-SYS1	A
ItemRevision	DDT-230315-SYS2	А	VPMReference	XCI_NIS056_DDT-230315-SYS2	A
ItemRevision	DDT-230315-SVS3	۵	VPMReference	XCI NIS056 DDT-230315-SVS3	۵

Figure 79: TCI Web - Persistent directory - Entry Point

5.7.3 Configuration

Select *Tools* \rightarrow *Configuration* to see the TCI configuration.

TCI TCI - Configuration X +			- 0	×
$\leftarrow \rightarrow$ C $\widehat{\square}$ \triangle Not secure nis12c056.epdm-d.edm.d	h.de:23080/XCI/Config	☆	<u>රි</u> (:
About Teamcenter 3DEXPERIENCE	List Process Monitor Tools-		Logo	Jt
TCI · Configuration				
XCI_HOME	C:TCI13_22xXCI_HOME			
General settings path	C:\TCI13_22x\XCI_HOME\XCISettings.xml			
Administration settings path				
Initial settings load time				
Current settings load time	2024-12-02T15:07:03.998+0100			
reload settings				
Search Show only matches				
CIScettings				

Figure 80: TCI Web – Tools – Configuration

The TCI configuration is displayed. You can search for specific settings, if found they are highlighted in red.



Figure 81: TCI Web - Tools - Configuration: searching configuration values.

By clicking the reload settings button, the settings will be reloaded from the XCISettings.xml file.

If the settings are successfully loaded, the success message *Loaded new settings* is shown, otherwise an error is displayed.

5.7.4 Details

Select Tools \rightarrow Details to get detail information for a given ID. The id can be from Teamcenter or 3DEXPERIENCE.

This view must be enabled by your administrator to be accessible.

	CI - Details × +					\sim	-		×
~	C 🛆 Not secure nis12c056.epdm-d.edm.dsh.c	e:23080/XCI/Details				@ ☆	*		:
	About Teamcenter 3DEXPERIENCE	LIST Process	Monitor	Tools 🗸	Logout	Logged in as	s 'xci-ad	dmin'	Â
	TCI · Details								
	ID search	gehRR00VZN8TT	B						
	find								
	© 2023 T-Systems International GmbH								
									_

Figure 82: TCI Web - Details - Query page

Click on the *find* button to start the query. The query result will be displayed in the table below.

TCI - Details × +					~	-		×
→ C ☆ ▲ Not secure nis12c056.epdm-d.edm.dsh	.de:23080/XCI/Details			Ē	☆	* 0) E
About Teamcenter 3DEXPERIENCE	LIST Process Monitor	Tools -	Logout L	ogged	in as '	xci-adn	nin'	1
TCI · Details								
ID search	gehRR00VZN8TTB							
find								
Found object in Teamcenter								
Name		Value						- 1
Display		DDTConfiguredAssy1/A;1						- 1
Uid		gehRR00VZN8TTB						- 1
Туре		ItemRevision						- 1
ID		DDTConfiguredAssy1						- 1
Revision		A						- 1
Creation Date		15-Mar-2023 14:37						- 1
Date Modified		16-Mar-2023 11:48						. 1
Туре		Item Revision						. 1
Name		DDTConfiguredAssy1						- 1
Description		DDTConfiguredAssy1 Desc						- 1
Owner		infodba (infodba)						
Group ID		dba						
Owning Site								

Figure 83: TCI Web - Details - Query result page

5.7.5 File Cache

Select Tools \rightarrow File Cache to get information about File Cache content.

This view must be enabled by your administrator to be accessible.

TCI - FileCacheInfo × +									\sim	-			×
\leftrightarrow \rightarrow C \triangle A Not secure nis12c056.epdm-d.edm.dsh.c	de:23080/XCI/	/FileCacheInfo						Ē	☆	*		-	:
About Teamcenter 3DEXPERIENCE	About Teamcenter 3DEXPERIENCE LIST Process Monitor Tools - Logout L								d in as	'xci-ad	lmin'		Â
TCI · File Cache Info													
Object Type													
Object Id													1
Object Version													1
Modified													1
File Type													1
use "" for empty type													1
find													1
													1
													1
© 2023 T-Systems International GmbH													

Figure 84: TCI Web - File Cache - Query page

Click on the *find* button to start the query. The query result will be displayed in the table below.

TCI - FileCac	:helnfo × +								\checkmark	-	
→ C	▲ Not secure nis12	2c056.epdm-d.edm.dsh	n.de:23080)/XCI/FileCac	helnfo			Ŕ	☆	* 🗆	I.
J TCI	About Teamcenter	3DEXPERIENCE	LIST	Process	Monitor	Tools -		Logout Logge	d in as 'x	ci-adm	in'
тсі	· File Cach	ne Info									
Objec	xt Type										
Objec	t ld										
Objec	t Version										
Modif	fied										
File Ty use " fin	ype " for empty type d										
	objectType	obje	ctld				objectVersion	modified	fileTy	rpe	
	objectType Drawing	obje drw-	octid -53252582	2-00000080			objectVersion A	modified 2023-02-03T11:32:55.000	fileTy Z	pe	
	objectType Drawing 3DShape	obje drw- 3sh-	octid -53252582 -53252582	2-0000080 2-00001466			objectVersion A A	modified 2023-02-03T11:32:55.000 2023-02- 03T09:59:42.000Z	fileTy Z	/pe	
	objectType Drawing 3DShape Drawing	obje drw- 3sh- drw-	53252582 53252582 53252582	2-00000080 2-00001466 2-0000081			objectVersion A A A	modified 2023-02-03T11:32:55.000 2023-02- 03T09:59:42.000Z 2023-02-03T11:33:55.000	fileTy Z	/pe	
	objectType Drawing 3DShape Drawing 3DShape	drw- 3sh- drw- 3sh- 3sh-	ectId -53252582 -53252582 -53252582 -53252582	2-0000080 2-00001466 2-0000081 2-00001467			objectVersion A A A A	modified 2023-02-03T11:32:55.000 2023-02- 03T09:59:42.000Z 2023-02-03T11:33:55.000 2023-02- 03T09:59:42.000Z	fileTy Z Z	/pe	

Figure 85: TCI Web - File Cache - Query result page

With the Remove File Cache Entries button the checked entries can be removed from the File Cache. The user is asked for confirmation before the entries are removed.

5.7.6 License

The *License* page displays information about the license server, how many TCI server and job licenses are consumed and how many are available.

тсі	TCI - License	Info × +					~	-		6	×
÷	→ C' f	△ A Not secure nis12c056.epdm-d.edm.d	sh.de:23080/XCI/License			Ê	☆	*			÷
	- TCI	About Teamcenter 3DEXPERIENCE	LIST Process M	onitor Tools -	Logout	Logge	in as	'xci-ac	lmin'		-
	TCI	· License Info									1
	License	es consumed by this server									
	Key	Name	Consumed	Available	Expires						
	1050	XCI Server License	1	14	Fri, 31 Dec 2027 00:00:00 GMT						
	1055	XCI Job License	5	80	Fri, 31 Dec 2027 00:00:00 GMT						
	License	e servers: 53.118.12.32 (edme010.edm.dsh.de)									
	© 2023 T-	Systems International GmbH									
											-

Figure 86: TCI Web - License - Details about the license server and allocated licenses