



ACI Release 3.11

User Manual



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Brief details

User manual for ACI.

This guide describes the usage of ACI.

Before using this guide, be sure you understand:

- the usage of 3DEXPERIENCE,
 - the usage of Aras Innovator.
-

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1 Overview

1.1 Introduction ACI

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

3DEXPERIENCE uses assemblies similar to Aras Innovator. ACI makes a bidirectional mapping between the Aras Innovator structure and the 3DEXPERIENCE structure.

2 ACI in Aras Innovator

The ACI functionality is available in the Aras Innovator Client.

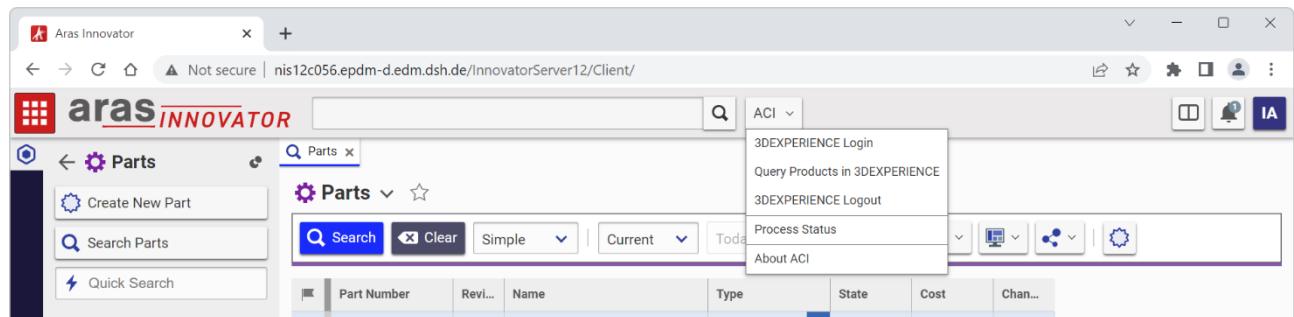


Figure 1: ACI menu in Aras Innovator before login in 3DEXPERIENCE

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

The ACI menu contains the following menu items:

- 3DEXPERIENCE Login
- Query Products in 3DEXPERIENCE
- 3DEXPERIENCE Logout
- Process Status
- About ACI

2.1 ACI command *Send to 3DEXPERIENCE*

The command *Send to 3DEXPERIENCE* is available for Parts. The command is available from the context menu on Parts or from the Part details form.

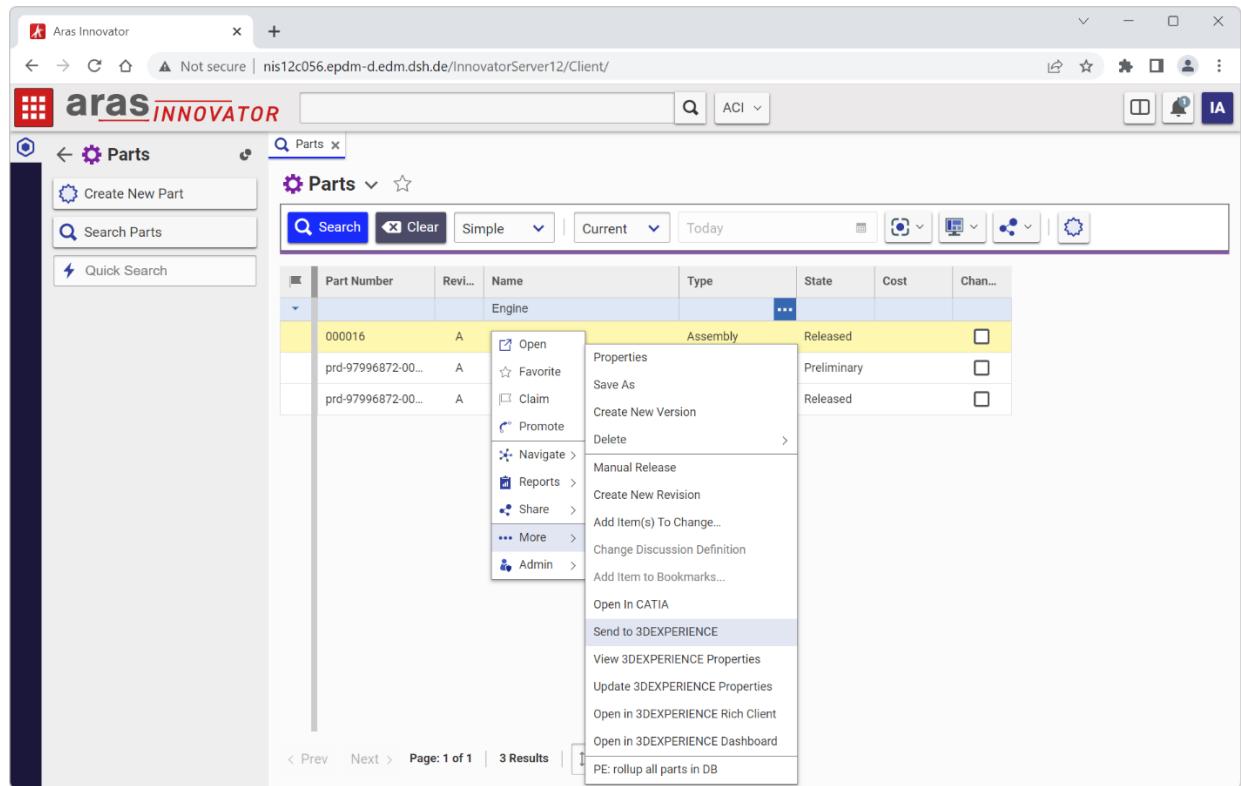


Figure 2: ACI command: Send to 3DEXPERIENCE from context menu

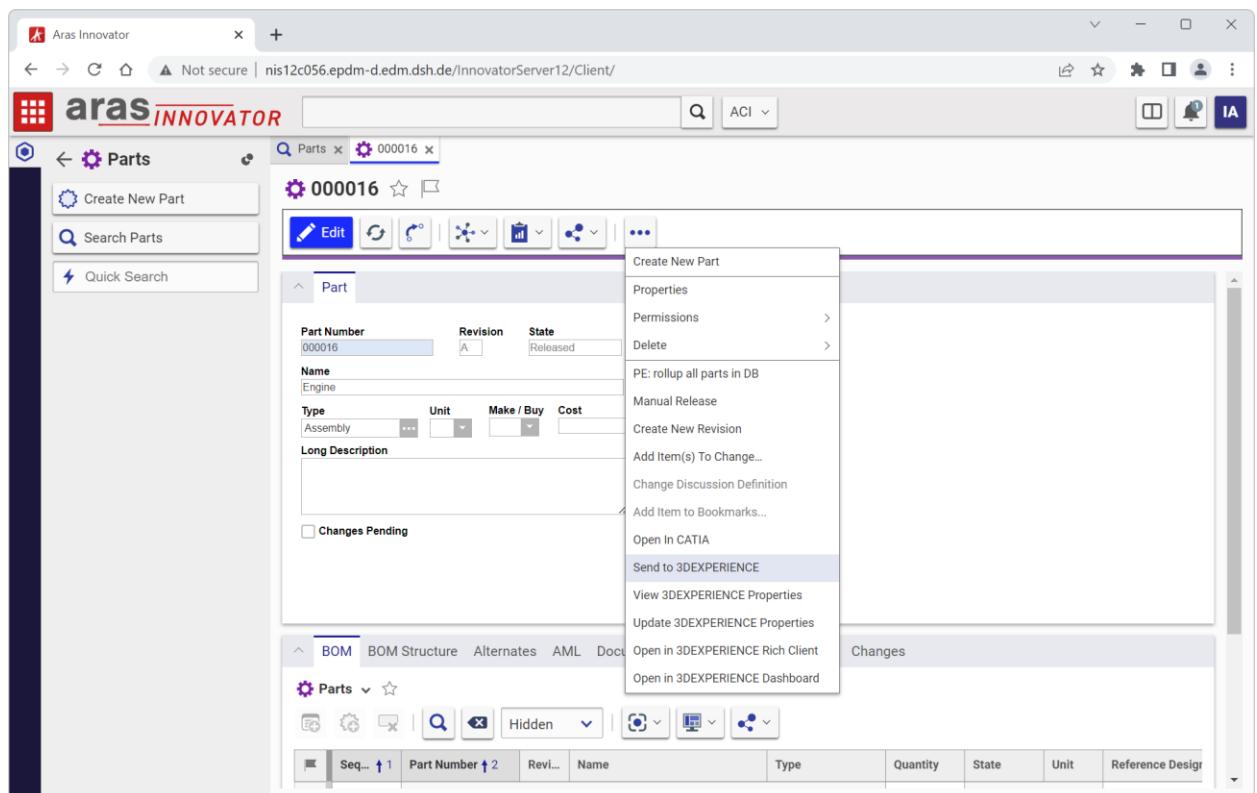


Figure 3: ACI command: Send to 3DEXPERIENCE from Part details form

The command will open the Send To 3DEXPERIENCE dialog.

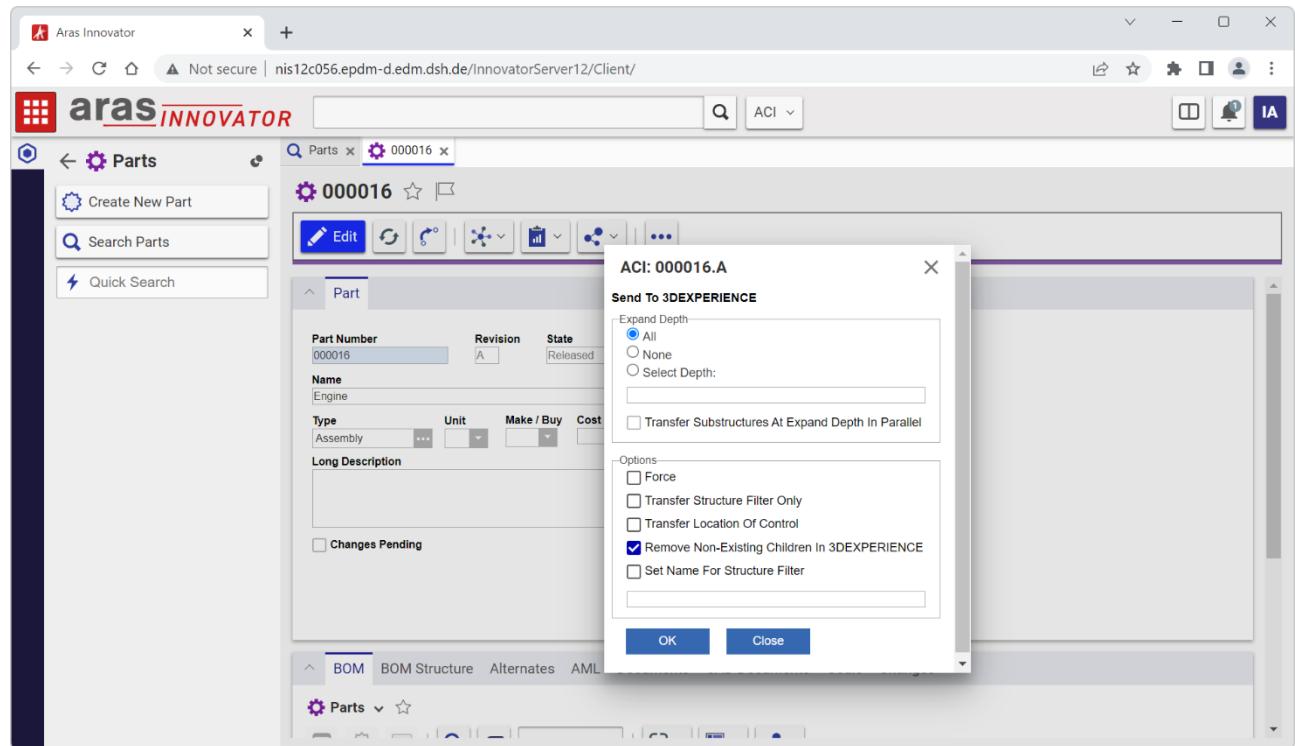


Figure 4: Send to 3DEXPERIENCE dialog in Aras Innovator

In this dialog you have the following options, to configure the ACI 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.

- “Transfer Substructures at expand depth in parallel”

If not activated (default), the Part will be expanded to the specified level and only this part of the structure will be sent. If activated, the Parts at the specified level in the structure will be send separately and in parallel (constrained by load of ACI server). When processing of those Parts is finished, the top part of the structure will be sent. If transfer of one of the Parts on the expand level fails, and the error cause is fixed without modification of the Part in Aras, this specific Part 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 define to transfer the location of control to 3DEXPERIENCE. This means, that all transferred parts 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 Aras Innovator stays unchanged.

- “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.

Defining a filter name for a structure gives you the advantage to transfer the Aras Innovator visibility of structure parts to 3DEXPERIENCE. On Aras Innovator 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.

Pressing OK will send the request to the ACI server.

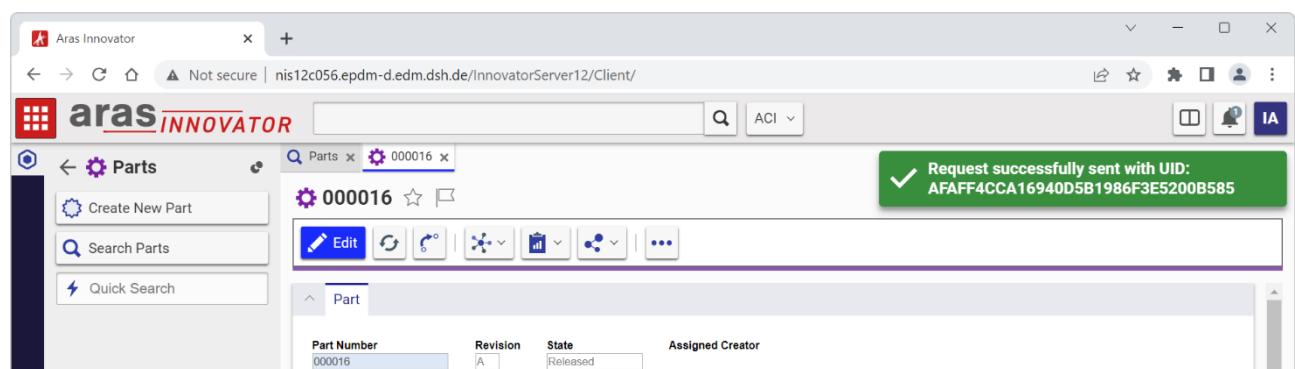


Figure 5: Send to 3DEXPERIENCE response message

2.2 ACI command *View 3DEXPERIENCE Properties*

The command *View 3DEXPERIENCE Properties* is available for Parts. The command is only accessible after a successful login to 3DEXPERIENCE. The command is available from the context menu on Parts or from the Part details form.

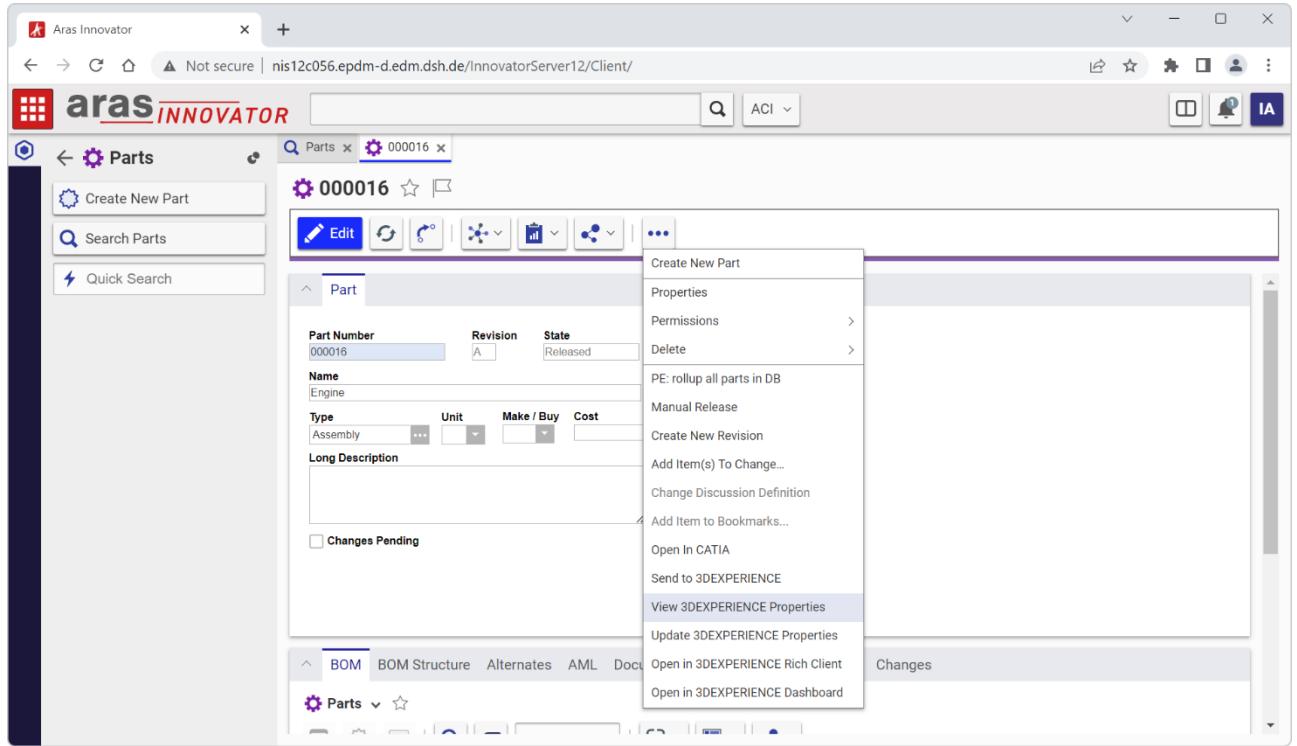


Figure 6: ACI command: View 3DEXPERIENCE Properties

The *View 3DEXPERIENCE Properties* command provides the ability, to display the 3DEXPERIENCE properties of the active Part without leaving the Aras Innovator application or switching to the 3DEXPERIENCE application.

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

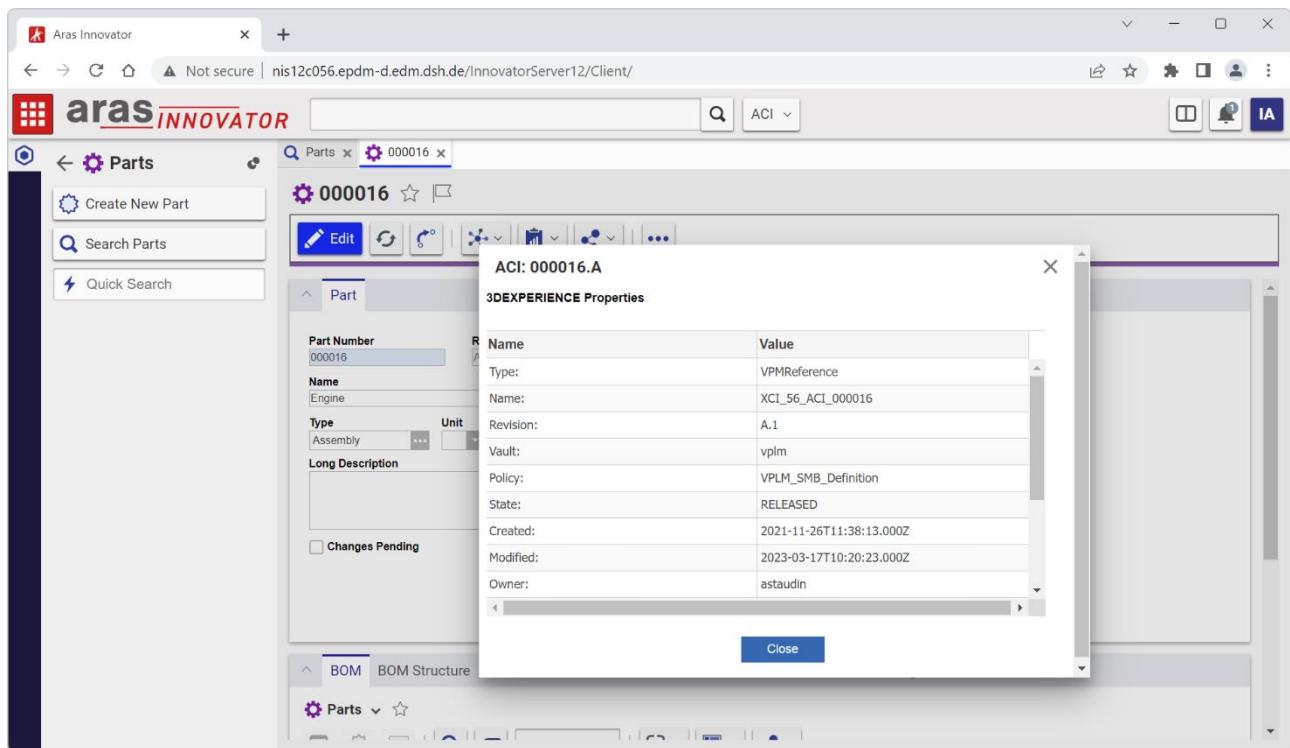


Figure 7: 3DEXPERIENCE Properties dialog

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

2.3 ACI command *Update 3DEXPERIENCE Properties*

The command *Update 3DEXPERIENCE Properties* is available for Parts. The command is available from the context menu on Parts or from the Part details form.

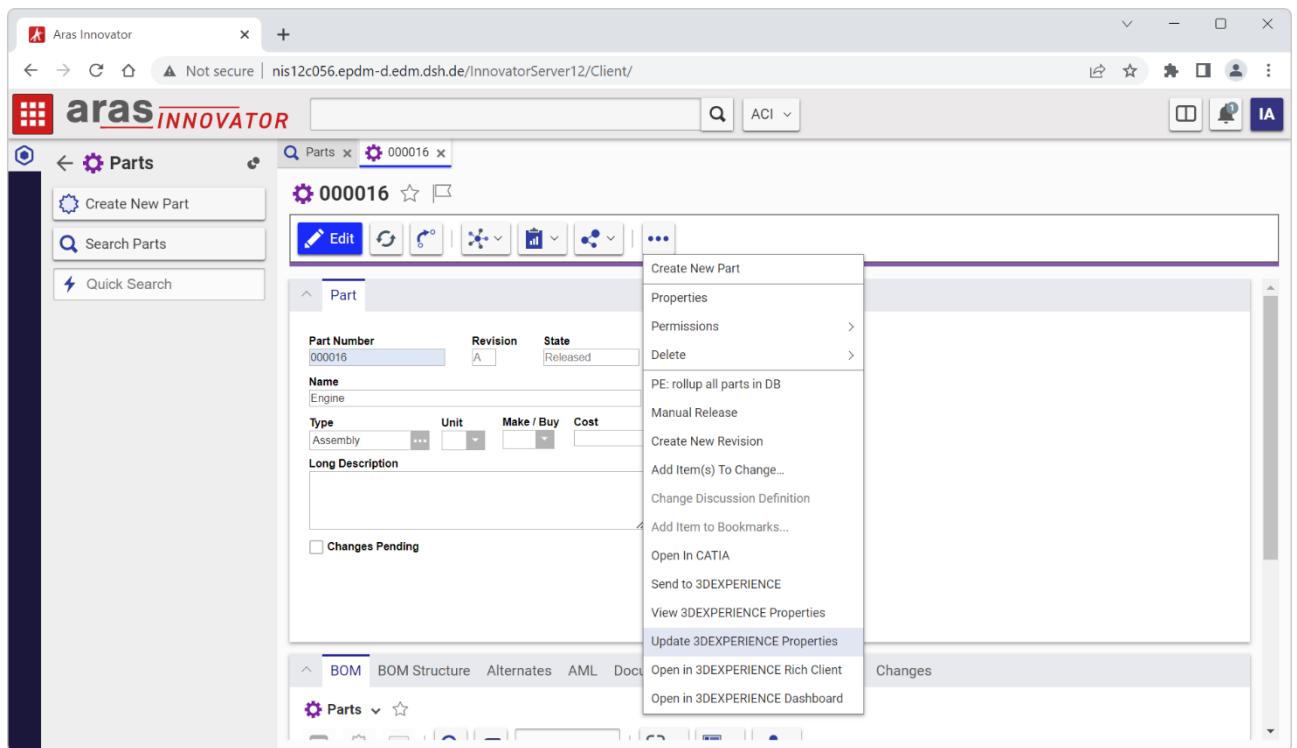


Figure 8: ACI command: Update 3DEXPERIENCE Properties

The *Update 3DEXPERIENCE Properties* command shows the *Update 3DEXPERIENCE Properties* Dialog with the configured Properties from Aras.

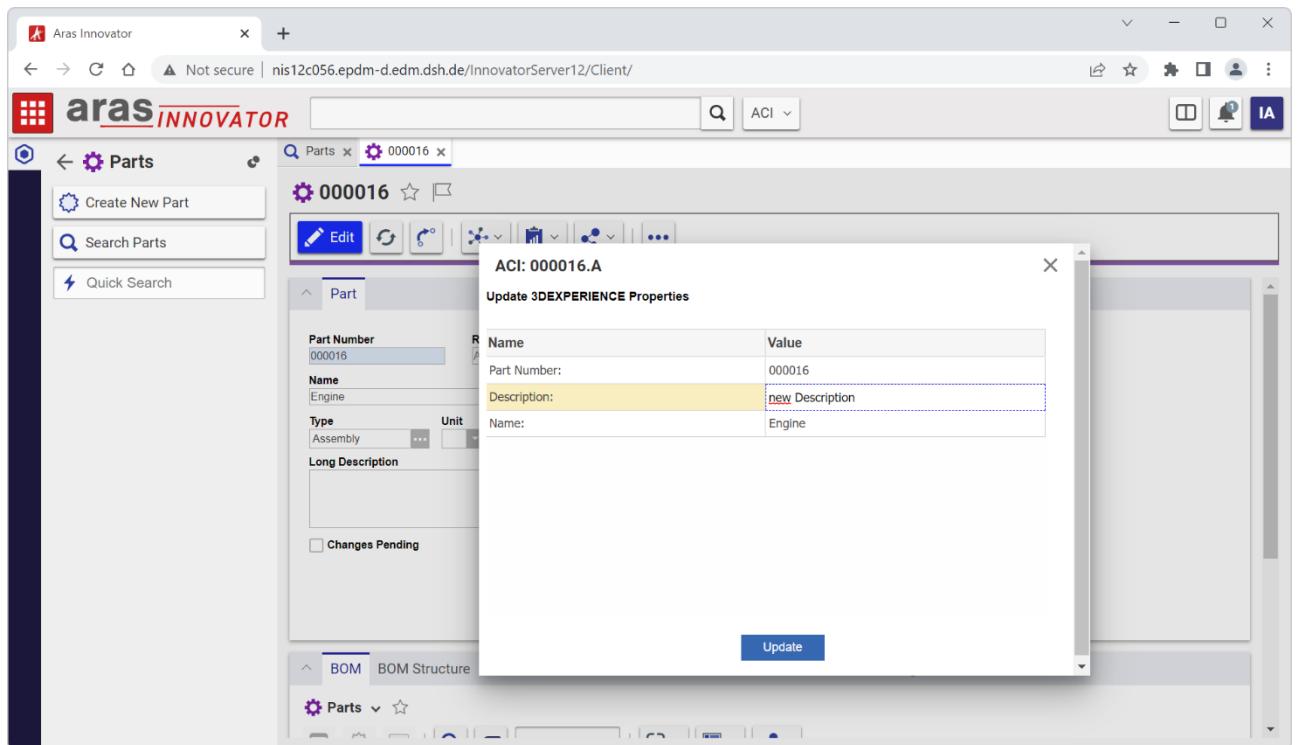


Figure 9: ACI command: Update 3DEXPERIENCE Properties Dialog

2.4 ACI command *Open in 3DEXPERIENCE*

The command *Open in 3DEXPERIENCE Rich Client* and *Open in 3DEXPERIENCE Dashboard* is available for Parts. The commands are available from the context menu on Parts or from the Part details form.

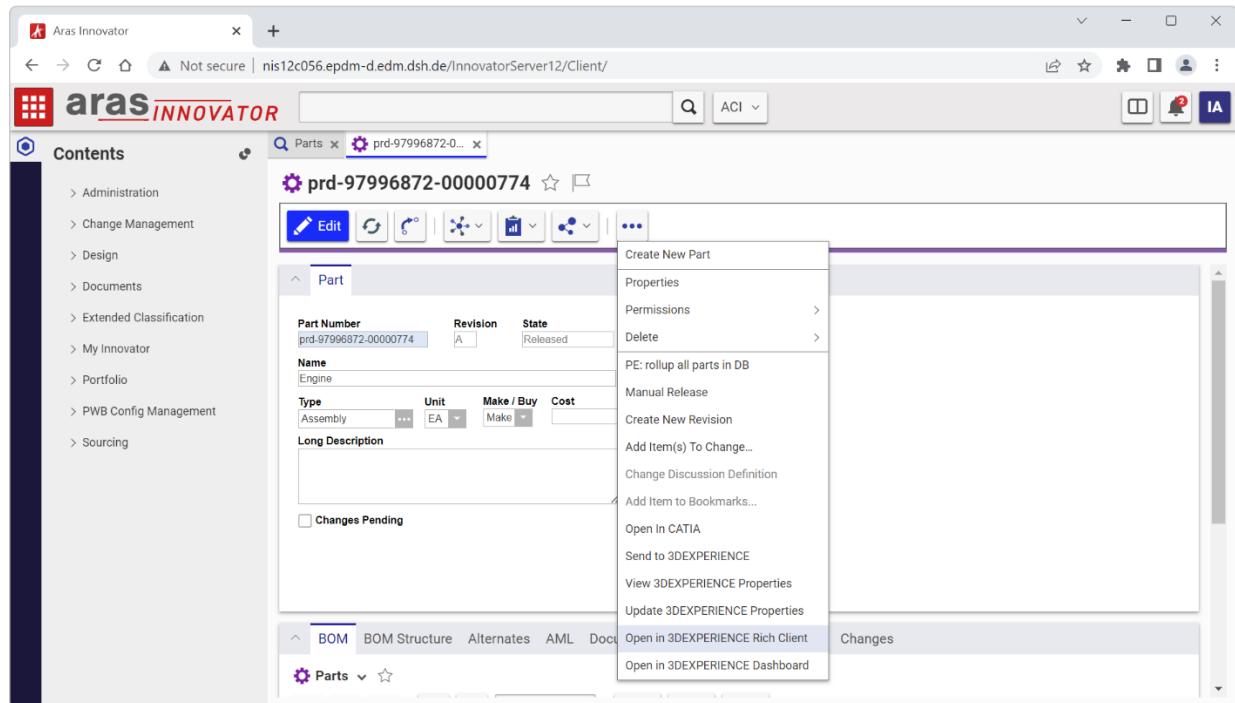


Figure 10: ACI command: Open in 3DEXPERIENCE

2.4.1 ACI command *Open in 3DEXPERIENCE Rich Client*

The command loads the selected Part into an already opened 3DEXPERIENCE session. The session must be started with the ACI 3DEXPERIENCE UI plugin and the Windows Service “ACI Listener Service” must be installed.

2.4.2 ACI command *Open in 3DEXPERIENCE Dashboard*

The command opens the selected Part in the 3DEXPERIENCE Dashboard in the Product Structure Explorer widget. The 3DEXPERIENCE Dashboard URL must be set in the Aras variable Aci3DXDashboardUrl by your administrator.

2.5 ACI command *3DEXPERIENCE Login*

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

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

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

- Username

- Password
- Role
- Vault

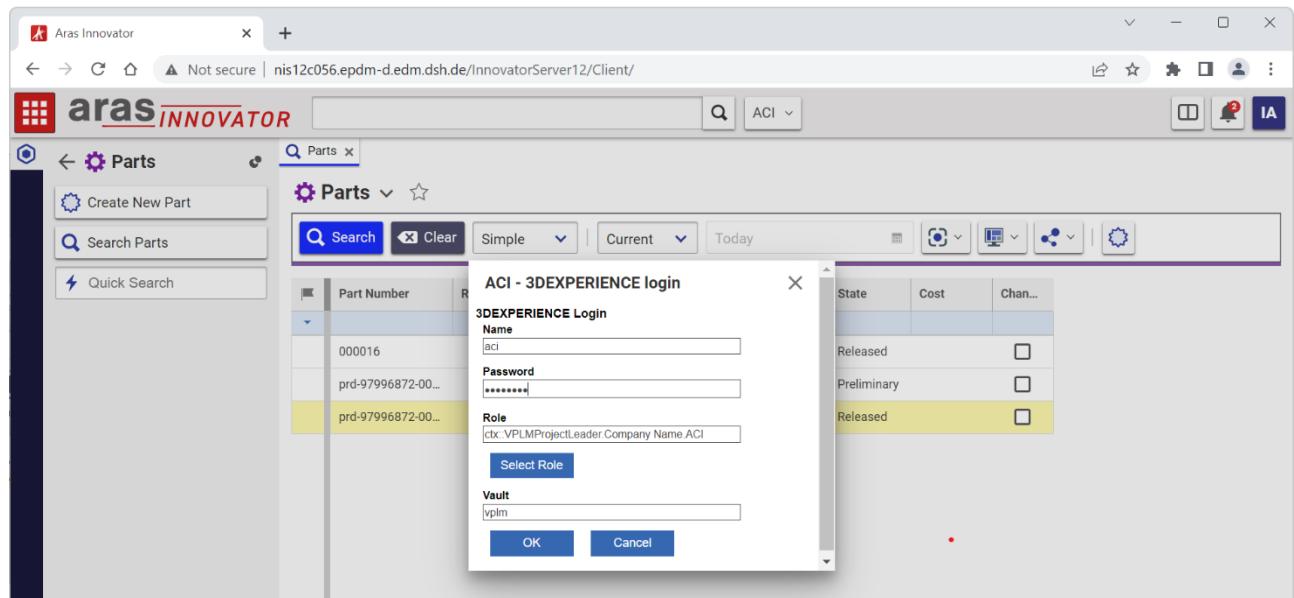


Figure 11: 3DEXPERIENCE Login dialog

The role can be entered manually or selected using the “Select Role” dialog:

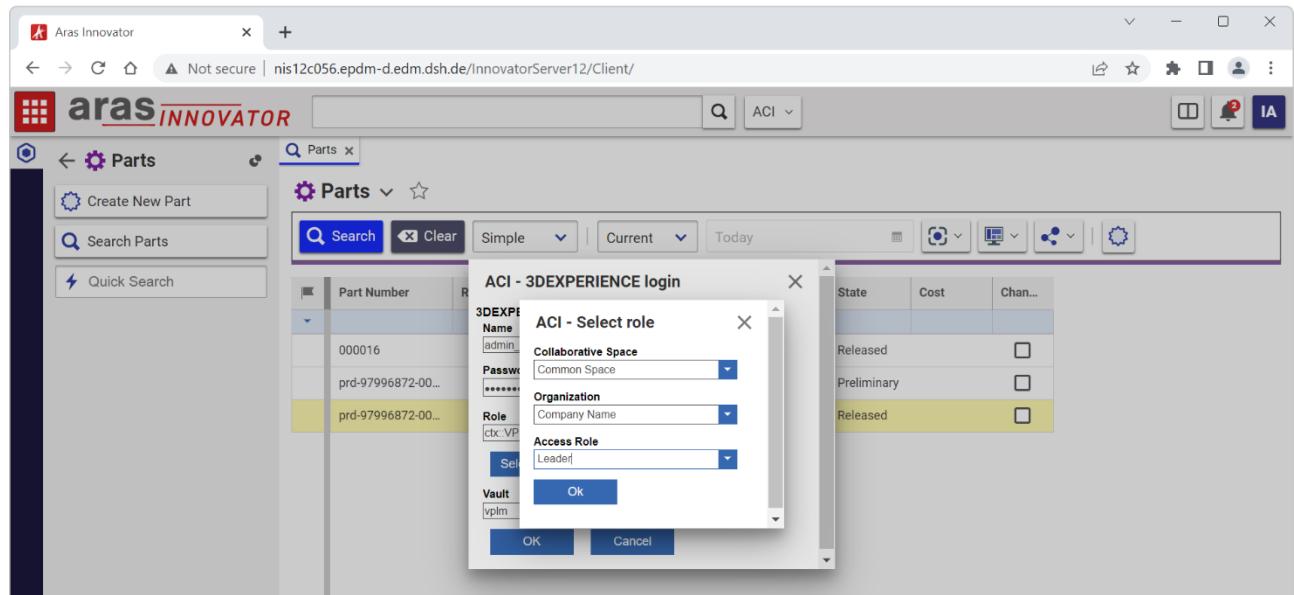


Figure 12: 3DEXPERIENCE Select Role dialog

For performing the 3DEXPERIENCE login, enter your valid 3DEXPERIENCE account data and press the **OK** button.

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 ACI command *Query Products in 3DEXPERIENCE*

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

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

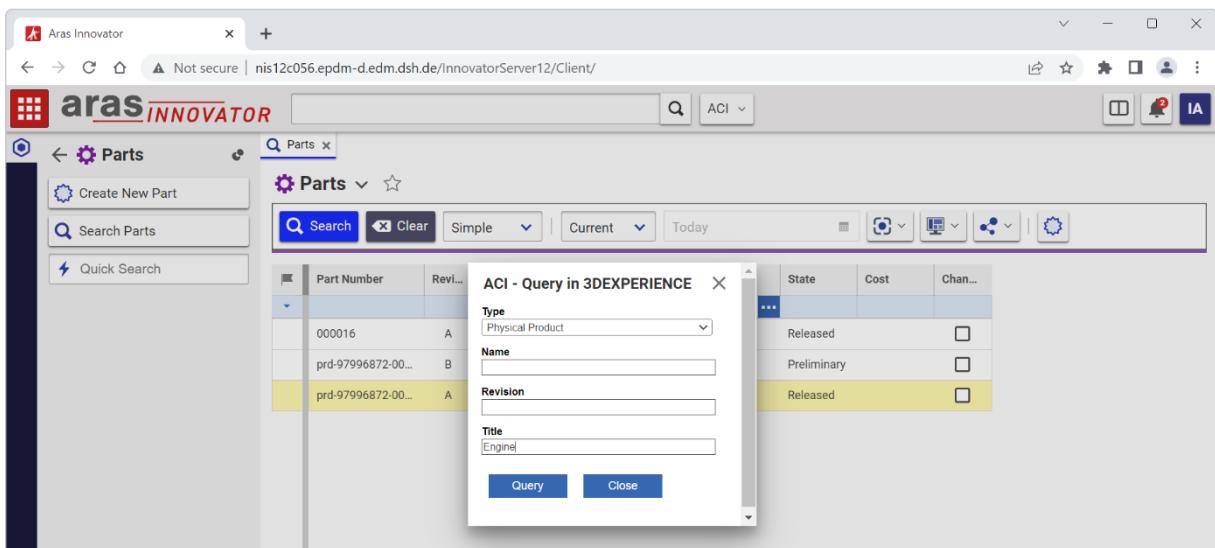


Figure 13: Query Products in 3DEXPERIENCE dialog

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*, *Revision* and *Title* 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.

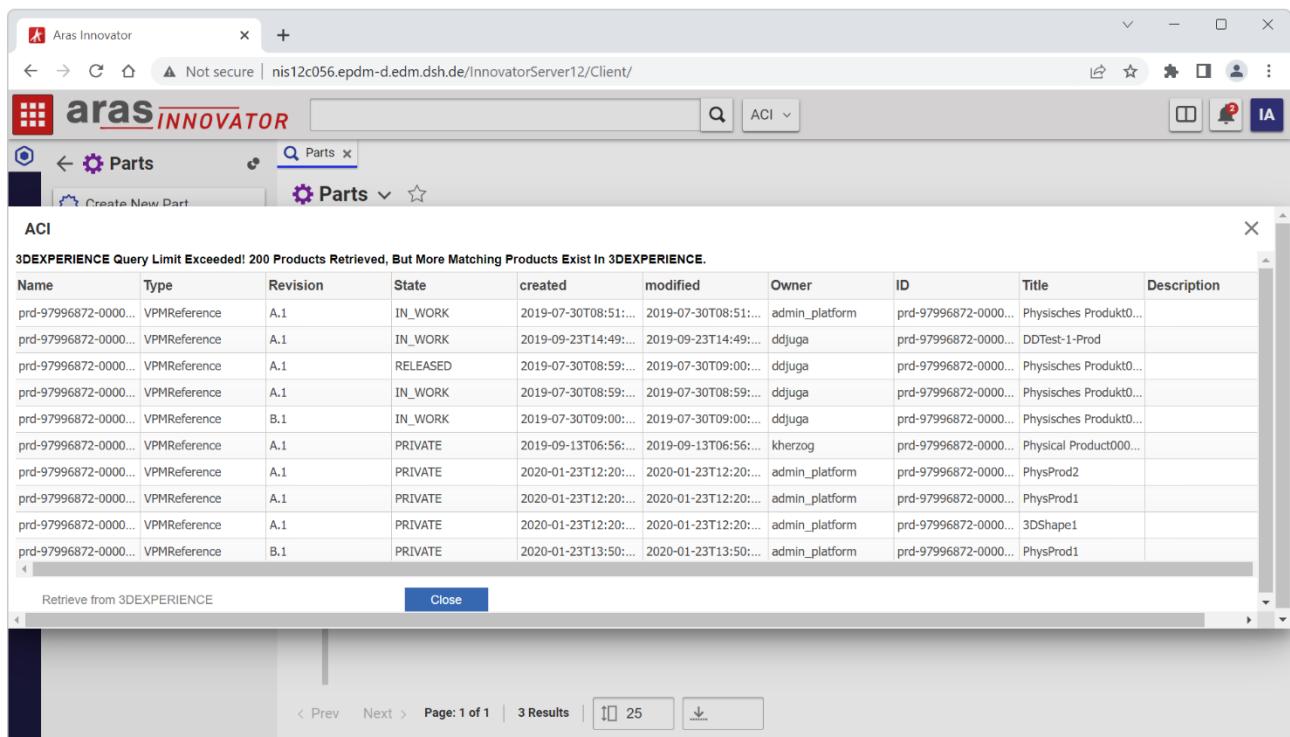


Figure 14: 3DEXPERIENCE query result dialog

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:

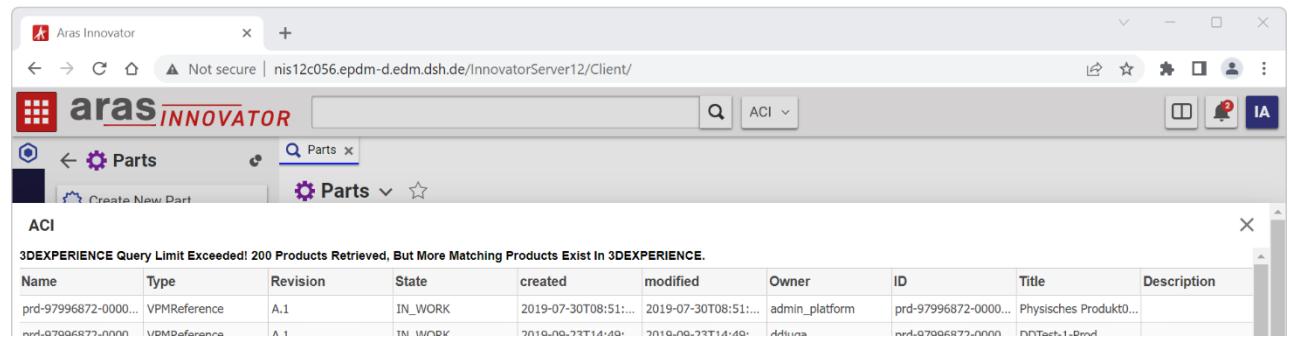


Figure 15: Information message: 3DEXPERIENCE query limit exceeded

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 Aras Innovator will be initiated for the selected product.

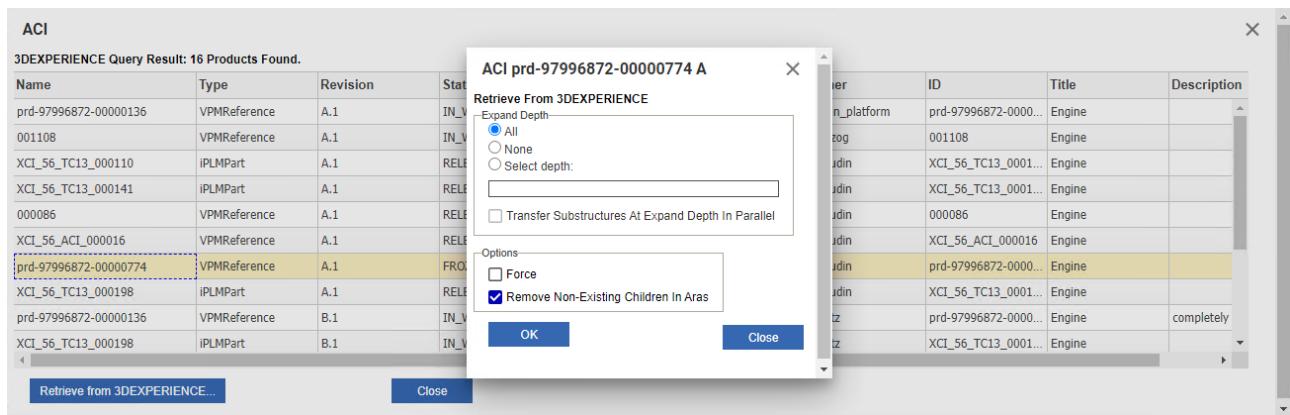


Figure 16: Send to PDM dialog – Options

The send options are displayed in a Dialog. The transfer can be started with the OK button and the user will get a confirmation message. For transfer option details please refer to *chapter 3.7 ACI command Send to Aras*.

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

2.7 ACI command *3DEXPERIENCE Logout*

The command *3DEXPERIENCE Logout* is available inside the ACI. It is not available in any pop-up menu.

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

2.8 ACI command *Process Status*

The command *Process Status* is available inside the ACI. It is not available in any pop-up menu.

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

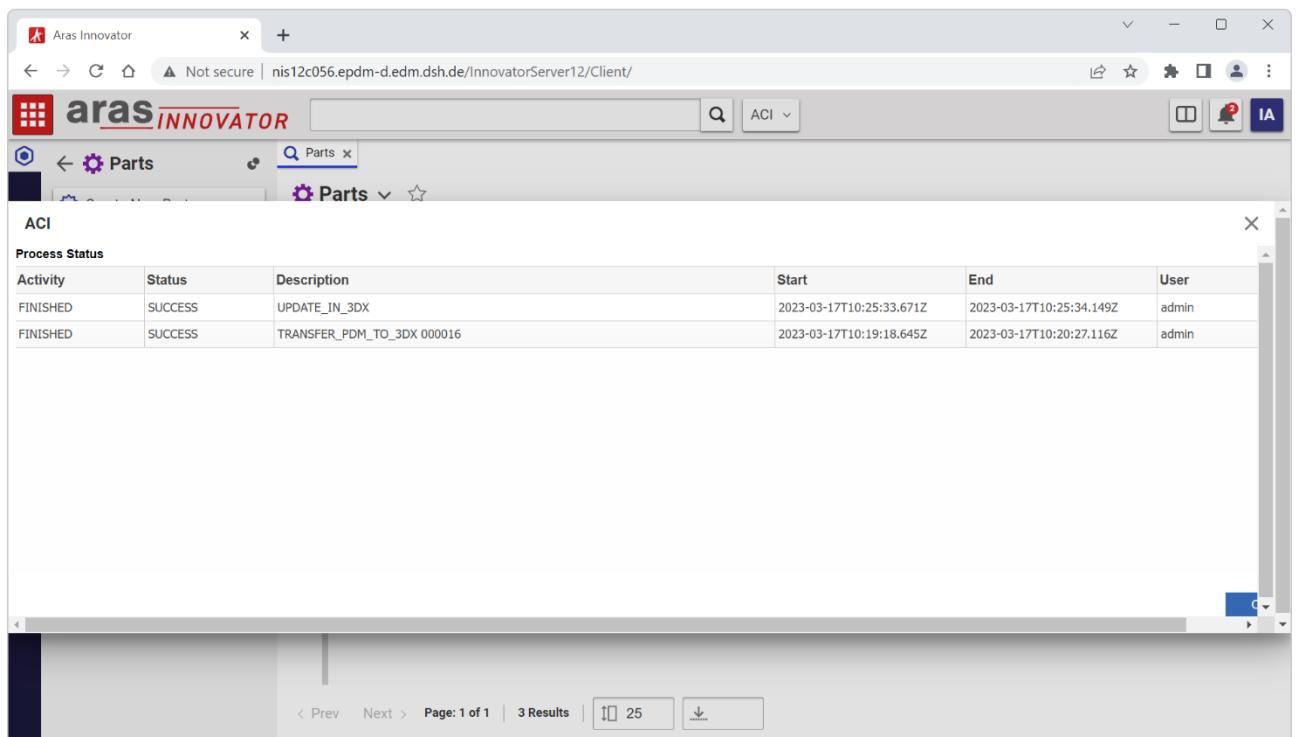


Figure 17: Process Status dialog

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 is displayed at the bottom of the dialog.

2.9 ACI command *About ACI*

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

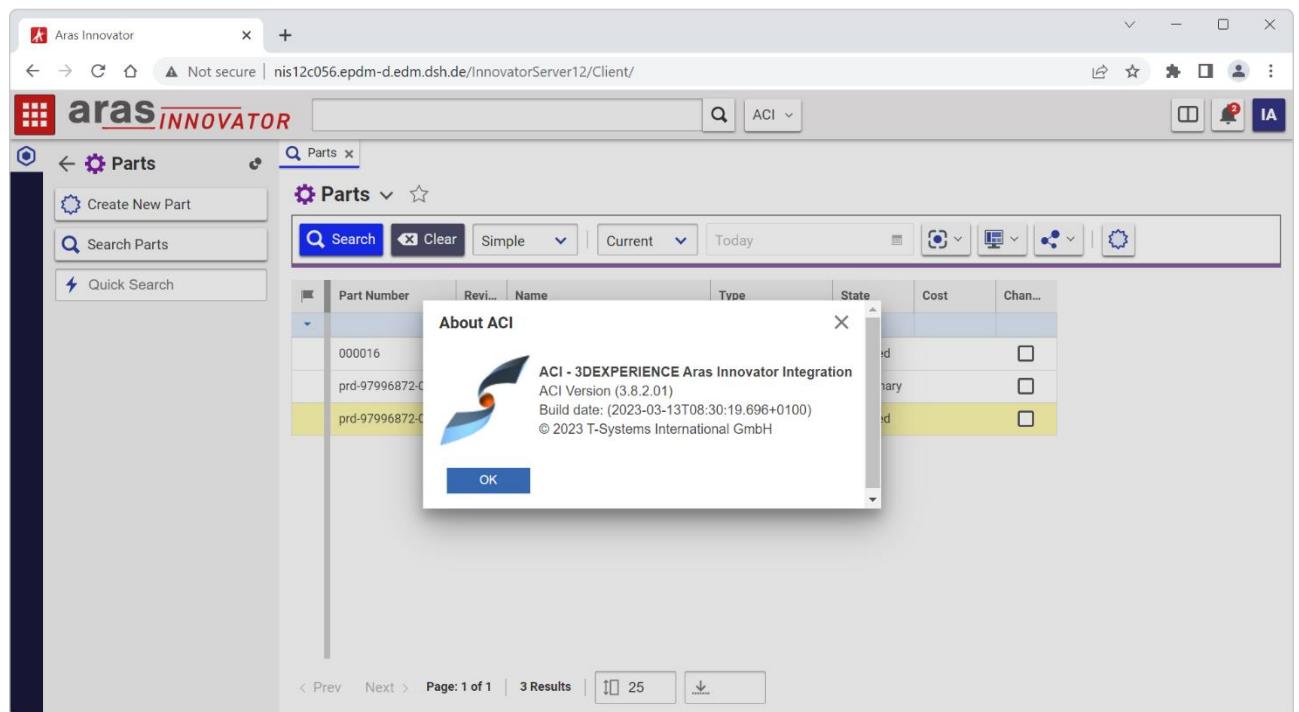


Figure 18: About ACI dialog

3 ACI in 3DEXPERIENCE

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

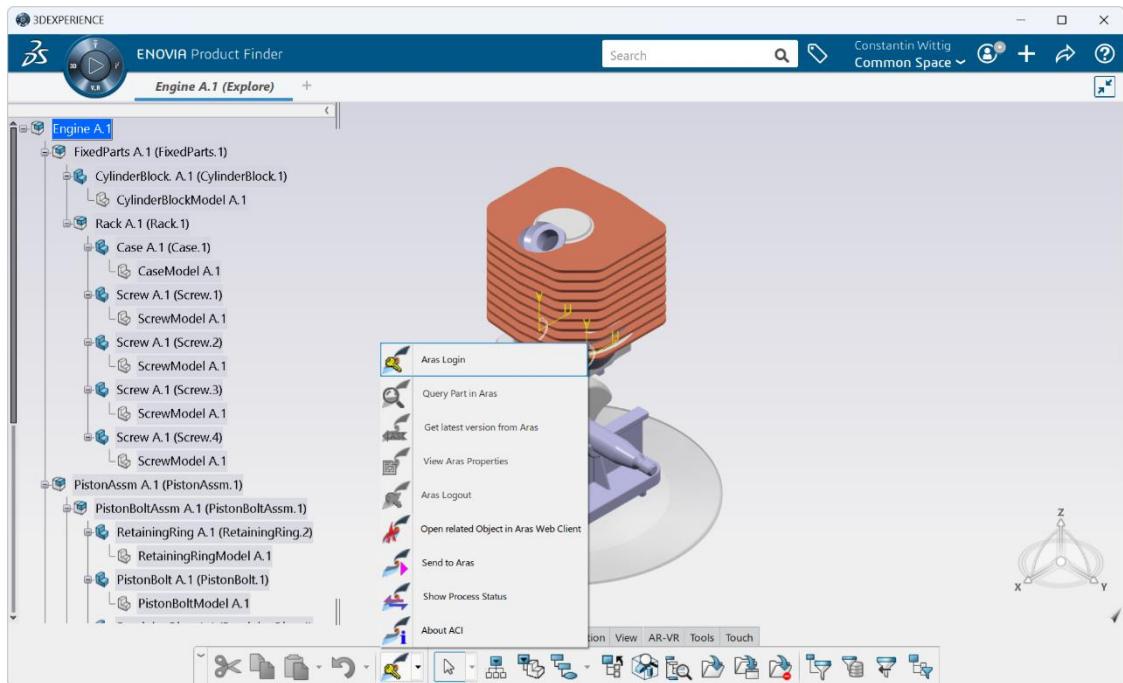


Figure 19: ACI menu in 3DEXPERIENCE before login in Aras Innovator

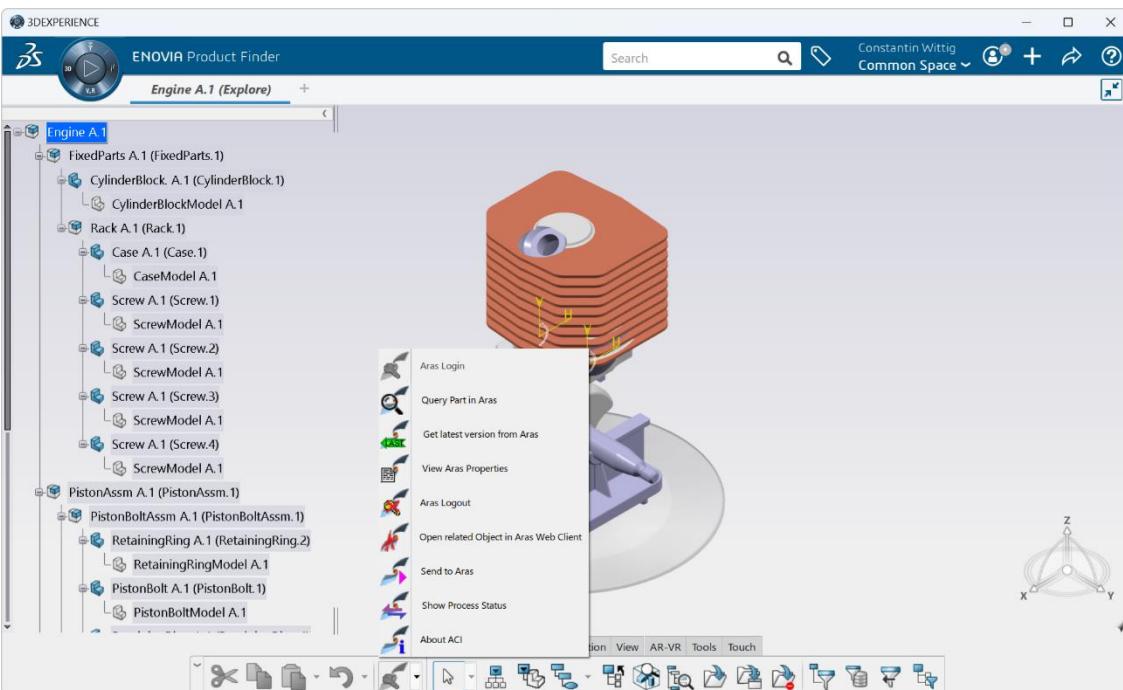


Figure 20: ACI menu in 3DEXPERIENCE after login in Aras Innovator

The following commands are available inside the ACI menu:

-  Aras Login
-  Query Part in Aras
-  Get latest version from Aras
-  View Aras Properties
-  Aras Logout
-  Open related Object in Aras Web Client
-  Send to Aras
-  Show Process Status
-  About ACI

3.1 ACI command *Aras Login*

ACI menu icon:



An Aras Innovator Login is required to use the functionality of the ACI commands *Query Part in Aras*, *Get latest version from Aras* and *View Aras Properties* of selected item. After selecting the icon *Aras Login* the following dialog window appears:



Figure 21: Aras Login dialog

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

If the Aras Innovator login is successful, the ACI commands *Query Part in Aras*, *Get latest version from Aras* and *View Aras Properties* are selectable.

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

3.2 ACI command *Query Part in Aras*



ACI menu icon:

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

After selecting the ACI command *Query Part in Aras* the following dialog window will appear:

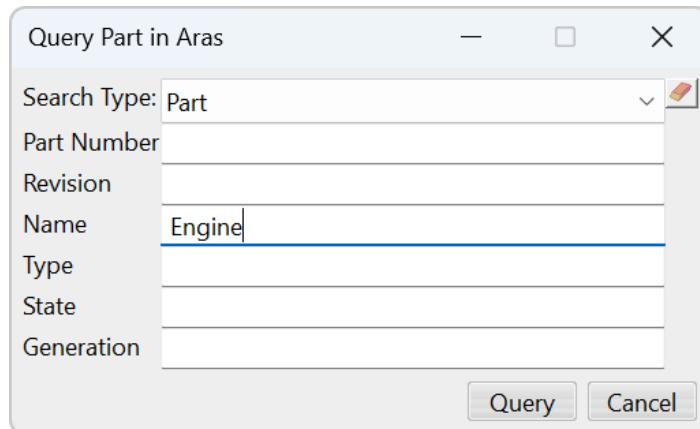


Figure 22: Query Part in Aras dialog

The query can be a combination of Type, Part Number, Revision, Name, Type, and State.

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

Results from Aras											
keyed_name	itemtype	Part Number	Revision	Name	Type	State	created_on	modified_on	Release Date	generation	
000016	Part	000016	A	Engine	Assembly	Released	2021-11-26T11:55:18	2021-11-26T11:58:42	2021-11-26T11:58:42	1	
prd-97996872-00000136	Part	prd-97996872-00000136	B	Engine	Assembly	Preliminary	2021-11-18T17:52:07	2023-03-17T16:03:35		2	
prd-97996872-00000774	Part	prd-97996872-00000774	A	Engine	Assembly	Released	2021-11-26T12:48:25	2021-11-26T12:48:26	2021-11-26T12:48:26	1	

Figure 23: Query Result from Aras Innovator

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

Results from Aras											
keyed_name	itemtype	Part Number	Revision	Name	Type	State	created_on	modified_on	Release Date	generation	
000016	Part	000016	A	Engine	Assembly	Released	2021-11-26T11:55:18	2021-11-26T11:58:42	2021-11-26T11:58:42	1	
prd-97996872-00000136	Part	prd-97996872-00000136	B	Engine	Assembly	Preliminary	2021-11-18T17:52:07	2023-03-17T16:03:35		2	
prd-97996872-00000774	Part	prd-97996872-00000774	A	Engine	Assembly	Released	2021-11-26T12:48:25	2021-11-26T12:48:26	2021-11-26T12:48:26	1	

Figure 24: Send from Aras to 3DEXPERIENCE

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

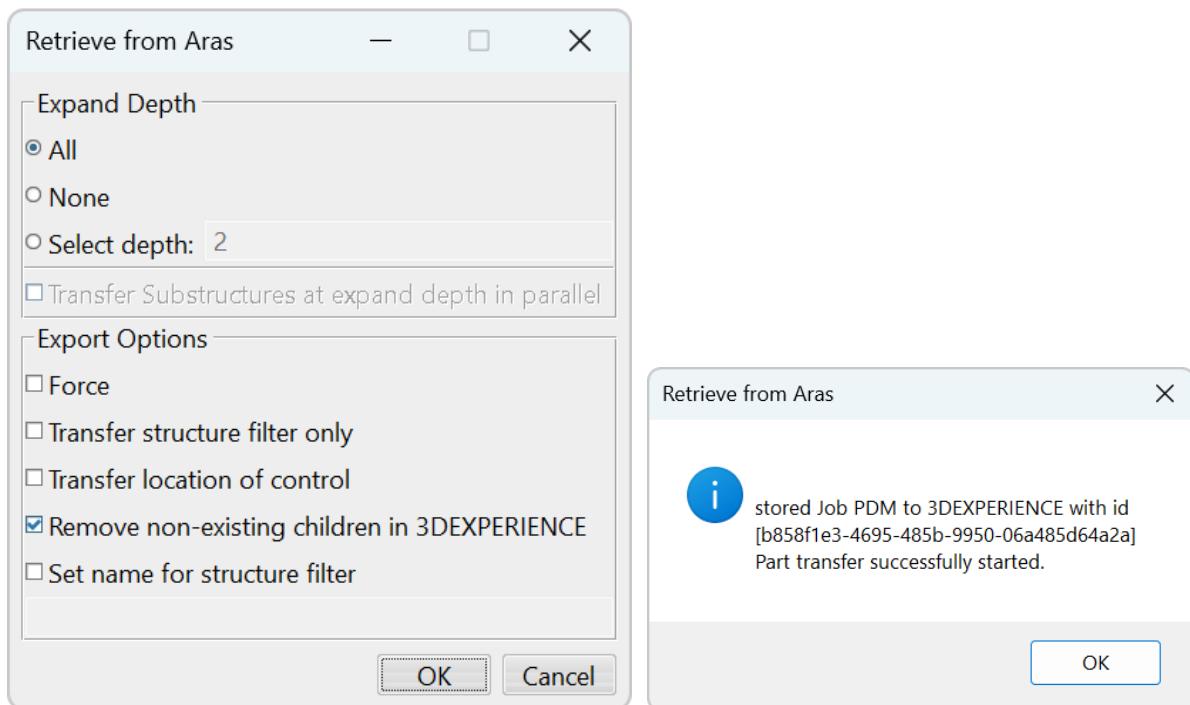


Figure 25: Send from Aras dialog and response

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

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

3.3 ACI command *Get latest version from Aras*



ACI menu icon:

With the command *Get latest version from Aras* you can start an update process to transfer the latest version of the selected object from Aras Innovator 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 Aras Innovator and 3DEXPERIENCE server processes.

This command is only available when an Aras Innovator session is active.

3.4 ACI command *View Aras Properties*



ACI menu icon:

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

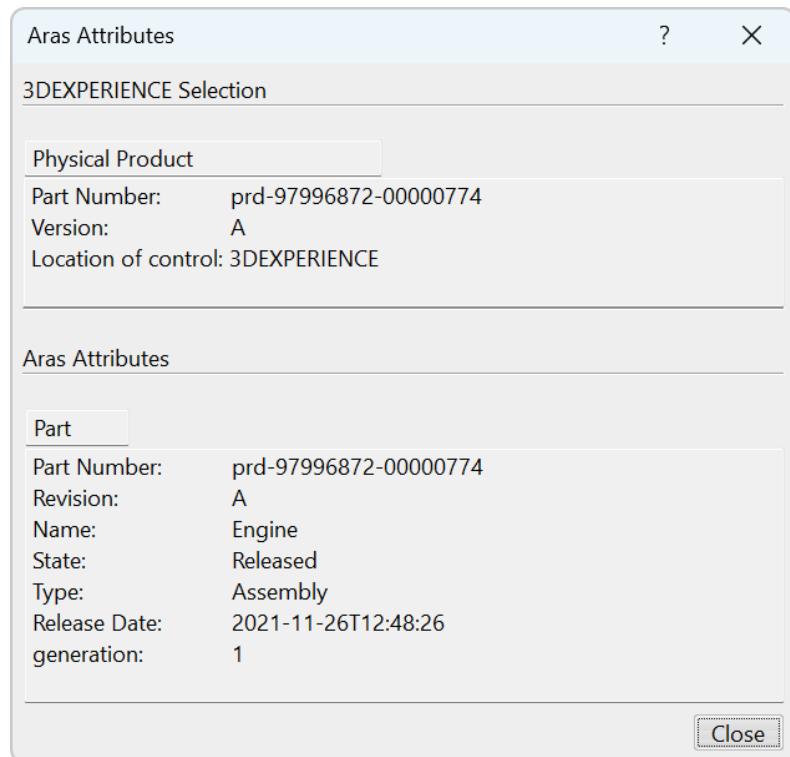


Figure 26: Aras Attributes dialog

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

This command is only available when an Aras Innovator session is active.

3.5 ACI command *Aras Logout*



ACI menu icon:

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

3.6 ACI command *Open related Object in Aras Web Client*



ACI menu icon:

If you select the command *Open related Object in Aras Web Client*, the selected object is opened in the Aras Innovator Web Client.

3.7 ACI command *Send to Aras*



ACI menu icon:

The command *Send to Aras* can be used to start a data transfer of a product structure node selected in 3DEXPERIENCE to Aras Innovator. 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 ACI 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 Physical Product will be expanded to the specified level and only the expanded part of the structure will be sent. If activated, the Physical Product at the specified level in the structure will be send separately and in parallel (constrained by load of ACI server). When processing of those Physical Products is finished, the top part of the structure will be sent. If transfer of one of the Physical Product 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 Aras.

- **Export Options:**

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

- “Force”

If you activate this checkbox, the object import to Aras Innovator 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 Aras Innovator. The structure in 3DEXPERIENCE stays unchanged.

- “Save selected component before send to Aras”

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

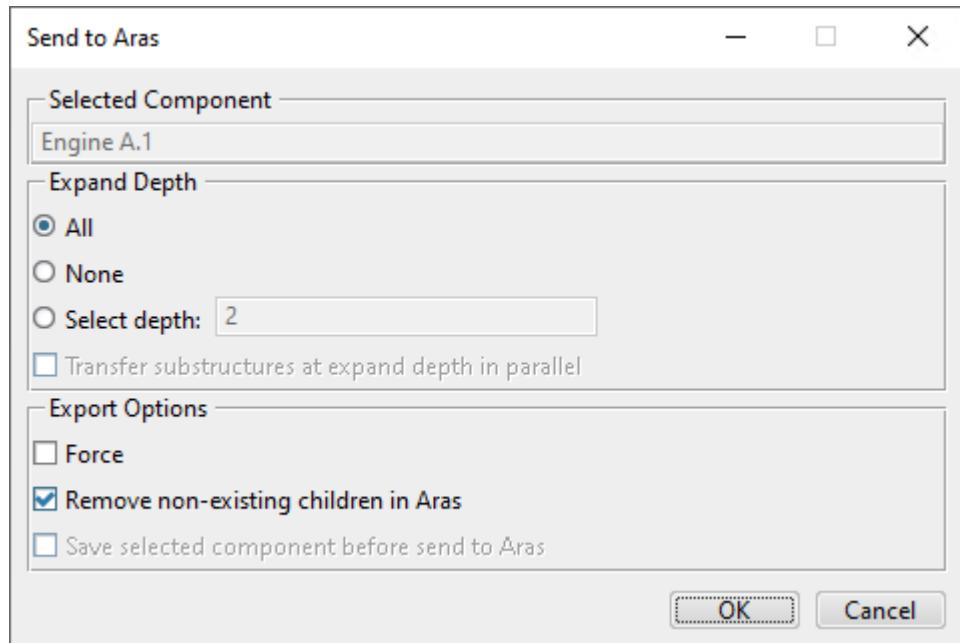


Figure 27: Send to Aras dialog – Options

When you click the *OK* button, the selected structure will be exported from 3DEXPERIENCE and imported into Aras Innovator. 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 Aras Innovator eventually.

3.8 ACI command *Show Process Status*



ACI menu icon:

The command *Show Process Status* shows the Process Status dialog with the current Process Status information. If the Status is FAILED, the failed message is displayed at the bottom of the dialog.

Process Status						
Activity	Status	Description	Start	End	User	
FINISHED	SUCCESS	TRANSFER_3DX_TO_PDM prd-97996872-00000774 A.1 Engine	2023-03-17T17:21:11.242Z	20...	conwitti	

Figure 28: Process Status dialog

3.9 ACI command *About ACI*



ACI menu icon:

The command *About ACI* displays some general product information.

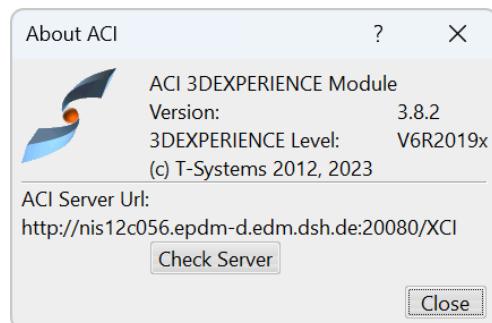


Figure 29: About ACI dialog

4 ACI web interface

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

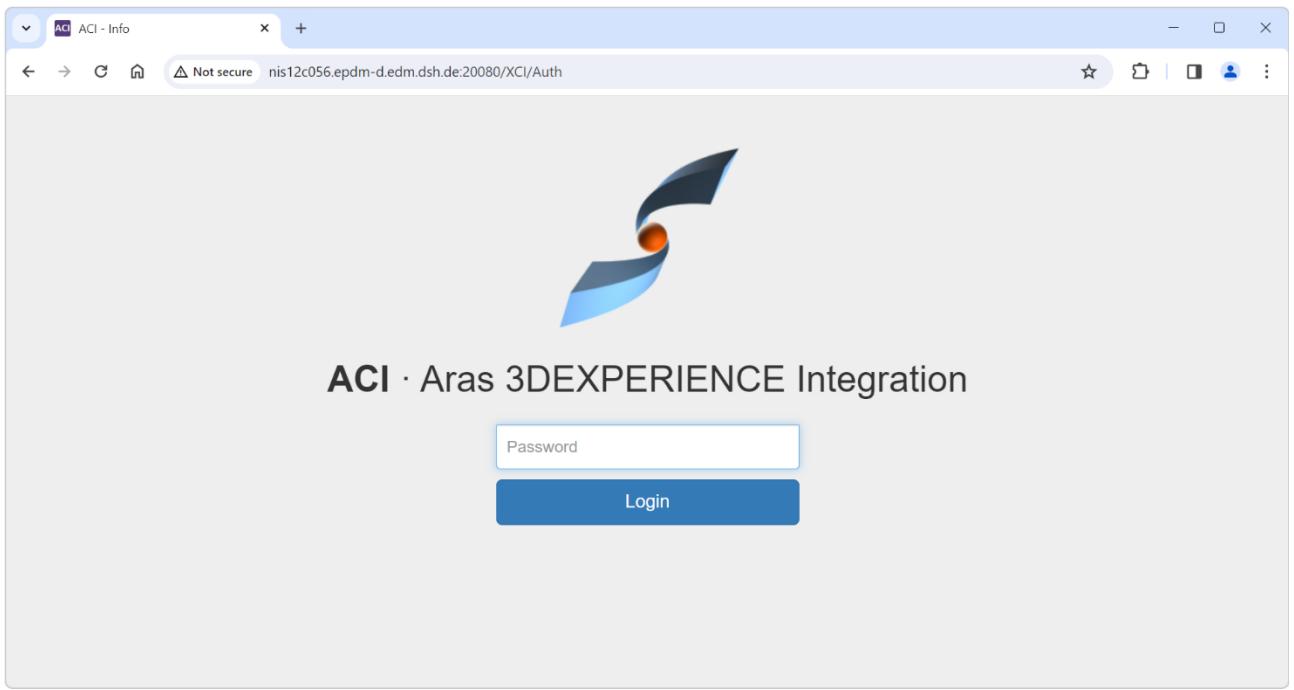


Figure 30: ACI Web – Login

4.1 About

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

The [Aras Innovator Version 12.0 SP9 Build: 24090](#) link will provide more information about the Aras Innovator Server.

The [3DEXPERIENCE R2019x HotFix 7](#) link will provide more information about the 3DEXPERIENCE server.

The screenshot shows the ACI - Info web interface. At the top, there's a navigation bar with links for 'About', 'Aras', '3DEXPERIENCE', 'LIST', 'Process', 'Monitor', 'Tools', 'Logout', and a user 'Logged in as 'xci-admin''. Below the navigation bar, the title 'ACI · 3DEXPERIENCE Aras Integration' is displayed. To the left of the main content area is a logo consisting of blue and orange swooshes. To the right is a table containing system configuration details:

Build version	3.8.2.01-r27920:219762
Build date	2023-03-13T08:18:42.250+0100
XCI_HOME	C:\ACI_19x\XCI_HOME
Settings path	C:\ACI_19x\XCI_HOME\XCISettings.xml
PDM adapter version	Aras
PDM version	Aras Innovator Version 12.0 SP9 Build: 24090
3DEXPERIENCE adapter version	3DEXPERIENCE R2019x
3DEXPERIENCE version	3DEXPERIENCE R2019x HotFix 7

At the bottom of the page, a copyright notice reads '© 2023 T-Systems International GmbH'.

Figure 31: ACI Web

4.2 Aras

On the Aras page you can query for Aras Innovator Parts.

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

The screenshot shows the ACI - Aras web interface. The navigation bar is identical to Figure 31. The main title is 'ACI · Aras'. Below the title is a search form titled 'Part' with the following fields:

- Part Number:** An input field.
- Name:** An input field containing the value 'Engine'.
- Revision:** An input field.
- Type:** An input field.

At the bottom of the search form is a blue 'find' button. The footer contains the copyright notice '© 2023 T-Systems International GmbH'.

Figure 32: ACI Web – Aras – Query Part

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.

The screenshot shows a web browser window titled "ACI - Aras". The address bar indicates a non-secure connection to "nis12c056.epdm-d.edm.dsh.de:20080/XCI/Pdm". The navigation bar includes links for "About", "Aras", "3DEXPERIENCE", "List", "Process", "Monitor", "Tools", and "Logout". The main content area has a title "ACI · Aras" and a sub-section "Part". A search form is present with fields for "Name" (set to "Engine") and a "find" button. Below the form is a table with columns "Display", "Part Number", "Name", "Revision", and "Type". The table contains three rows of data:

Display	Part Number	Name	Revision	Type
000016	000016	Engine	A	Assembly
prd-97996872-00000136	prd-97996872-00000136	Engine	B	Assembly
nrd-97996872-00000774	nrd-97996872-00000774	Ennine	A	Assembly

Figure 33: ACI Web – Aras – 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 Aras
- Aras 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.

The screenshot shows a web browser window titled "ACI - Aras Info". The address bar indicates a non-secure connection to "nis12c056.epdm-d.edm.dsh.de:20080/XCI/PdmInfo". The navigation bar includes links for "About", "Aras", "3DEXPERIENCE", "List", "Process", "Monitor", "Tools", and "Logout". The main content area has a title "ACI · Aras Information". On the left is a structure tree for object 000016, which includes nodes for 000010, 000008, 000007, 000006, 000009, 000005, 000011, and 000015. To the right is a table of properties for object 000016, and further to the right is a panel with "send to 3DEXPERIENCE" commands.

Name	Value
Display	000016
id	AFAFF4CCA16940D5B1986F3E5200B585
Part Number	000016
Revision	A
Name	Engine
State	Released
Type	Assembly
Release Date	2021-11-26T11:58:42
generation	1

send to 3DEXPERIENCE	
structure compare	
update properties in 3DEXPERIENCE	
revise in 3DEXPERIENCE	

Figure 34: ACI Web – Aras – Information about an Aras object

4.2.1 send to 3DEXPERIENCE

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

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

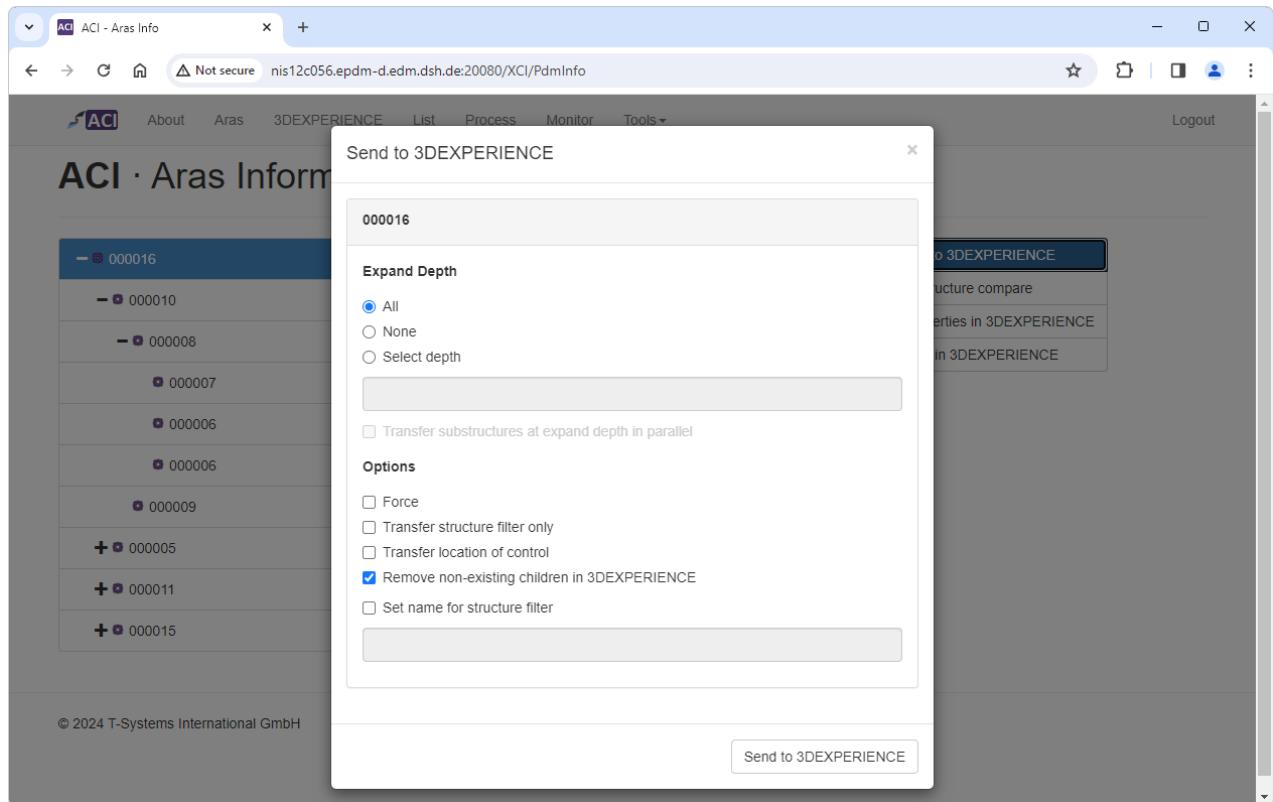


Figure 35: ACI Web – Aras – Send to 3DEXPERIENCE options

4.2.2 update properties in 3DEXPERIENCE

update in 3DEXPERIENCE synchronizes current Aras 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.

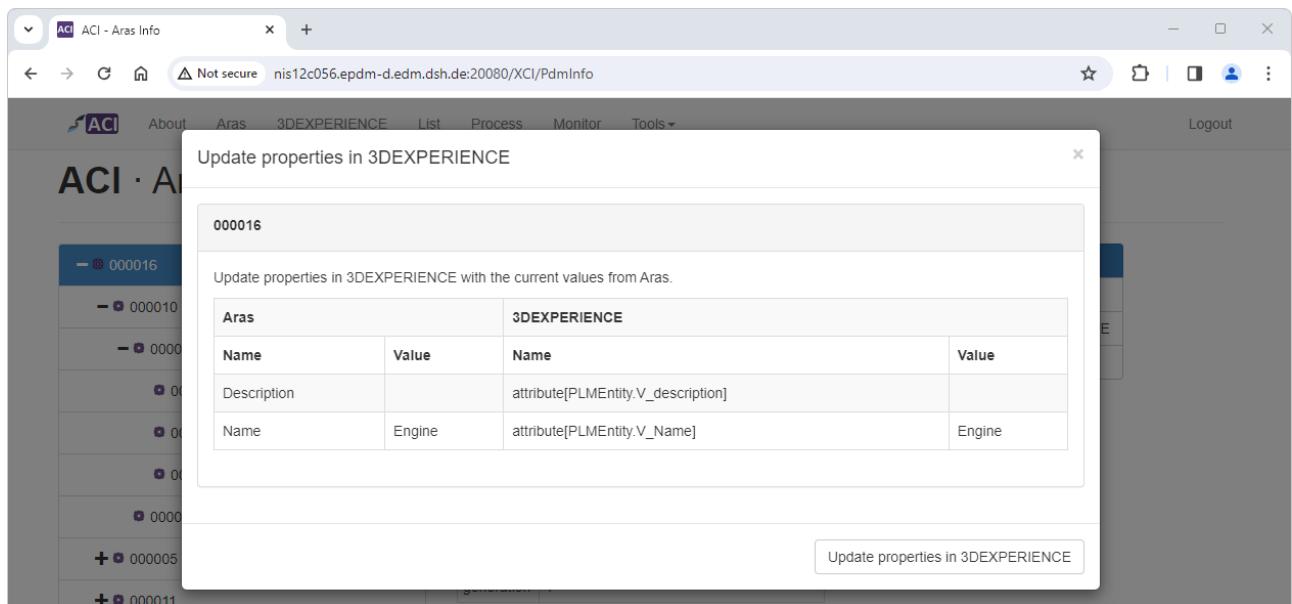


Figure 36: ACI Web – Aras – Update in 3DEXPERIENCE

4.2.3 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 3DEXPERIENCE. The revise is started with the *Revise in 3DEXPERIENCE* button.

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

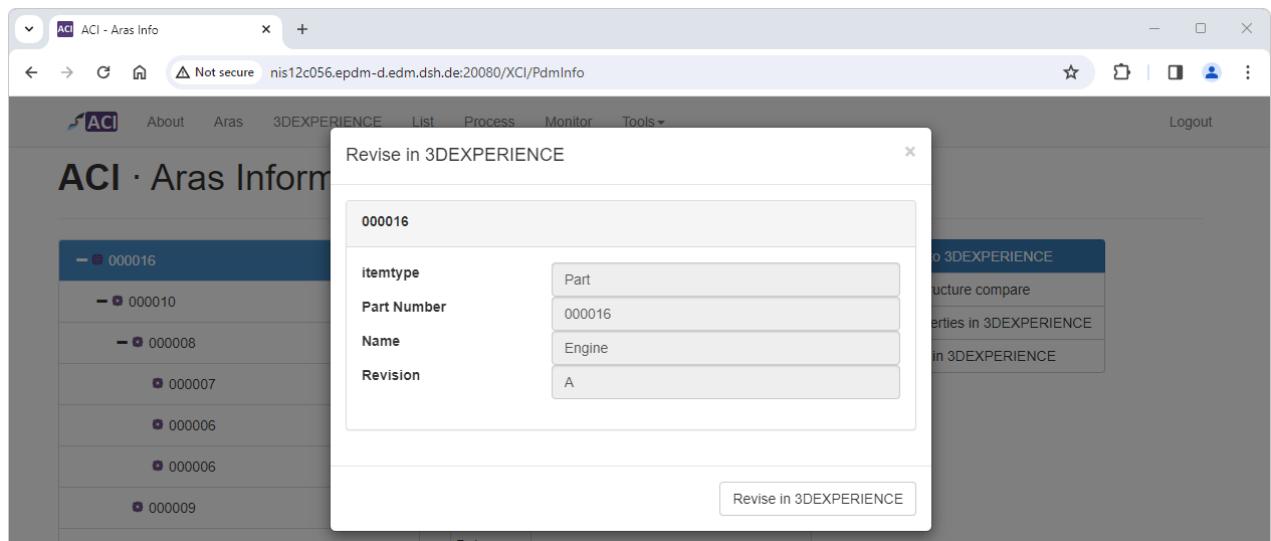


Figure 37: ACI Web – Aras – Revise in 3DEXPERIENCE

4.2.4 structure compare

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

This command can be disabled by your administrator.

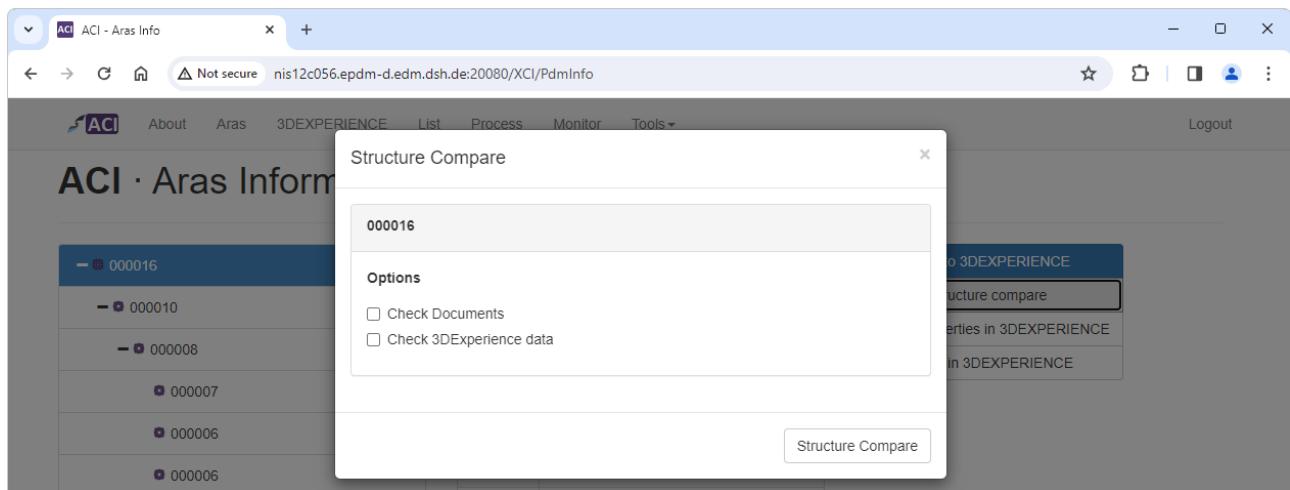


Figure 38: ACI Web – Aras – structure compare

Options for the structure compare:

- Check Documents
Activate to compare Dataset transfer status between Aras and 3DEXPERIENCE.
- Check 3DEXperience data
If not activated, the Aras structure is checked against the ACI mapping database only. Checking against 3DEXPERIENCE data can take considerably more time due to query and expand for the objects in 3DEXPERIENCE.

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

Activity	Status	Description	Start	End	User	Info	Downloads
FINISHED	SUCCESS	STRUCTURE_COMPARE_PDM_JOB 000016	16.01.2024 08:58:22	16.01.2024 08:58:27	xci-admin	Log Info Compare Info	Report Compare Result

Figure 39: ACI Web – Aras – 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.

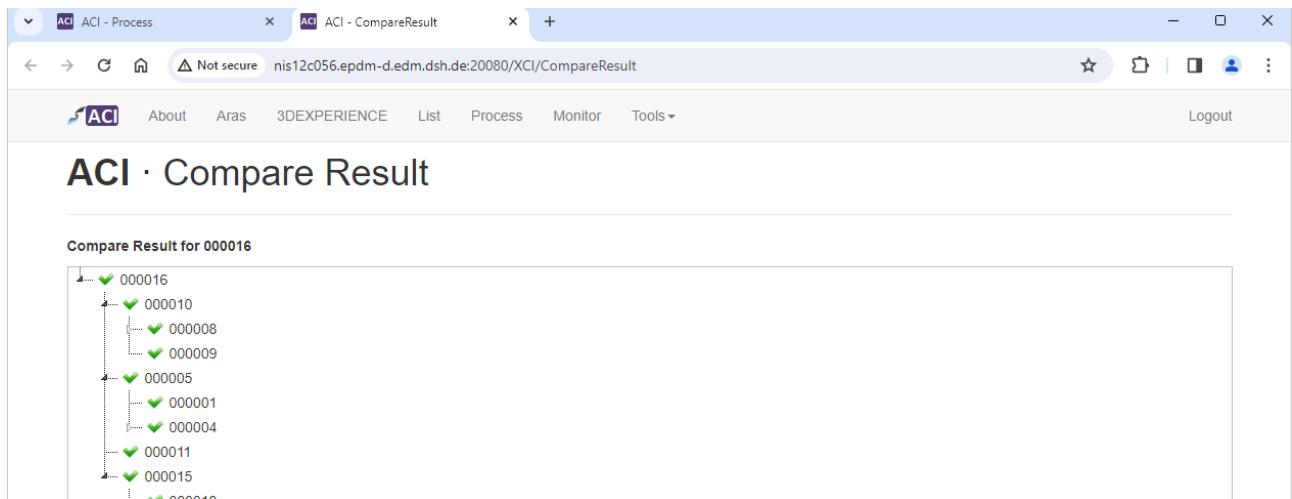


Figure 40: ACI Web – Structure Compare graphical result

```

C:\Users\A22549662\Downloads\compare-result (1).csv - Notepad+
File Edit Search View Encoding Language Settings Tools Macro Run TextFX Plugins Window ?
compare-result (1).csv
1 "# ID, parentID, partID, revisionID, display, location, status, status txt XCI DB, status txt 3DX, instanceName, instance status, insta
2 "ETP-1", "", "000016", "A", "000016", "#/000016 A", "OK", "Found [C250F8D35899347E52F2B29614A2443D8888888] in XCI DB for [000016] [A].", "Fou
3 "ETP-2", "ETP-1", "000010", "A", "000010", "#/000016 A/PistonAssm.1/000010 A", "OK", "Found [0827CB01CD00B79FB289A9FC1DB13C878888888] in XCI
4 "ETP-3", "ETP-2", "000008", "A", "000008", "#/000016 A/PistonAssm.1/000010 A/PistonBoltAssm.1/000008 A", "OK", "Found [1F9BAC5BC52486B4236BB7
5 "ETP-4", "ETP-3", "000007", "A", "000007", "#/000016 A/PistonAssm.1/000010 A/PistonBoltAssm.1/000008 A/PistonBolt.1/000007 A", "OK", "Found [
6 "ETP-5", "ETP-3", "000006", "A", "000006", "#/000016 A/PistonAssm.1/000010 A/PistonBoltAssm.1/000008 A/PistonBolt.1/RetainingRing.2/000006
7 "ETP-6", "ETP-3", "000006", "A", "000006", "#/000016 A/PistonAssm.1/000010 A/PistonBoltAssm.1/000008 A/PistonBolt.1/RetainingRing.2/Retaini
8 "ETP-7", "ETP-2", "000009", "A", "000009", "#/000016 A/PistonAssm.1/000010 A/PistonBoltAssm.1/Piston.1/000009 A", "OK", "Found [B9740ECCED7246
9 "ETP-8", "ETP-1", "000005", "A", "000005", "#/000016 A/PistonAssm.1/FixedParts.1/000005 A", "OK", "Found [5C149CEB75084787CF53AC0D5CSBD149888
10 "ETP-9", "ETP-8", "000001", "A", "000001", "#/000016 A/PistonAssm.1/FixedParts.1/000005 A/CylinderBlock.1/000001 A", "OK", "Found [FC3D81D52D
11 "ETP-10", "ETP-8", "000004", "A", "000004", "#/000016 A/PistonAssm.1/FixedParts.1/000005 A/CylinderBlock.1/Rack.1/000004 A", "OK", "Found [DE
12 "ETP-11", "ETP-10", "000003", "A", "000003", "#/000016 A/PistonAssm.1/FixedParts.1/000005 A/CylinderBlock.1/Rack.1/000004 A/Screw.1/000003
13 "ETP-12", "ETP-10", "000003", "A", "000003", "#/000016 A/PistonAssm.1/FixedParts.1/000005 A/CylinderBlock.1/Rack.1/000004 A/Screw.1/Screw.3
14 "ETP-13", "ETP-10", "000002", "A", "000002", "#/000016 A/PistonAssm.1/FixedParts.1/000005 A/CylinderBlock.1/Rack.1/000004 A/Screw.1/Screw.3
15 "ETP-14", "ETP-10", "000003", "A", "000003", "#/000016 A/PistonAssm.1/FixedParts.1/000005 A/CylinderBlock.1/Rack.1/000004 A/Screw.1/Screw.3
16 "ETP-15", "ETP-10", "000003", "A", "000003", "#/000016 A/PistonAssm.1/FixedParts.1/000005 A/CylinderBlock.1/Rack.1/000004 A/Screw.1/Screw.3
17 "ETP-16", "ETP-1", "000011", "A", "000011", "#/000016 A/PistonAssm.1/FixedParts.1/ConnectionRod.1/000011 A", "OK", "Found [C140DADB482A03DB3D
18 "ETP-17", "ETP-1", "000015", "A", "000015", "#/000016 A/PistonAssm.1/FixedParts.1/ConnectionRod.1/CrankShaft.1/000015 A", "OK", "Found [BBF85
19 "ETP-18", "ETP-17", "000013", "A", "000013", "#/000016 A/PistonAssm.1/FixedParts.1/ConnectionRod.1/CrankShaft.1/000015 A/CrankBolt.1/000013
20 "ETP-19", "ETP-17", "000012", "A", "000012", "#/000016 A/PistonAssm.1/FixedParts.1/ConnectionRod.1/CrankShaft.1/000015 A/CrankBolt.1/CrankS
21 "ETP-20", "ETP-17", "000014", "A", "000014", "#/000016 A/PistonAssm.1/FixedParts.1/ConnectionRod.1/CrankShaft.1/000015 A/CrankBolt.1/CrankS
22 "

```

Figure 41: ACI Web – Structure Compare .csv result

4.3 3DEXPERIENCE

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

- Physical Product
- Engineering Folder

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.

The screenshot shows the ACI Web - 3DX interface. At the top, there are two tabs: "Physical Product" and "Engineering Folder". The "Physical Product" tab is selected. Below the tabs, there are four input fields: "Name" (empty), "Title" (Engine), "Revision" (empty), and "Type" (empty). A blue "find" button is located below these fields. To the right of the input fields is a table with the following columns: Display, Name, Title, Revision, and Type. The table contains six rows of data:

Display	Name	Title	Revision	Type
prd-97996872-00000136 A.1 Engine	prd-97996872-00000136	Engine	A.1	VPMReference
001108 A.1 Engine	001108	Engine	A.1	VPMReference
XCI_56_TC13_000110 A.1 Engine	XCI_56_TC13_000110	Engine	A.1	iPLMPart
XCI_56_TC13_000141 A.1 Engine	XCI_56_TC13_000141	Engine	A.1	iPLMPart
000086 A.1 Engine	000086	Engine	A.1	VPMReference
XCI_56_ACI_000016 A.1 Engine	XCI_56_ACI_000016	Engine	A.1	VPMReference

Figure 42: ACI 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

The screenshot shows the ACI Web - 3DX interface with the title "ACI · 3DEXPERIENCE Information". On the left, there is a structure tree for the object "prd-97996872-00000774 A.1 Engine". The tree includes nodes for FixedParts, CylinderBlock, Rack, Case, Screw, PistonAssm, ConnectionRod, and CrankShaft. On the right, there is a table with the following columns: Name and Value. The table contains 18 rows of data:

Name	Value
ID	12738.61427.41397.44314
Type	VPMReference
Name	prd-97996872-00000774
Revision	A.1
Vault	vplm
Policy	VPLM_SMB_Definition
State	FROZEN
Created	2021-11-25T12:06:32.000Z
Modified	2021-11-25T12:16:58.000Z
Owner	astaudin
Organization	Company Name
Project	TCI
External ID	prd-97996872-00000774
Title	Engine
Description	

To the right of the table is a button labeled "send to Aras" with the option "structure compare".

Figure 43: ACI Web – 3DX – Information about a 3DEXPERIENCE object

By clicking the *send to Aras* button you can start the transfer to Aras Innovator. In this dialog you have some options, to configure the *Send to Aras* functionality.

For details, please refer to *chapter 3.7 ACI command Send to Aras*.

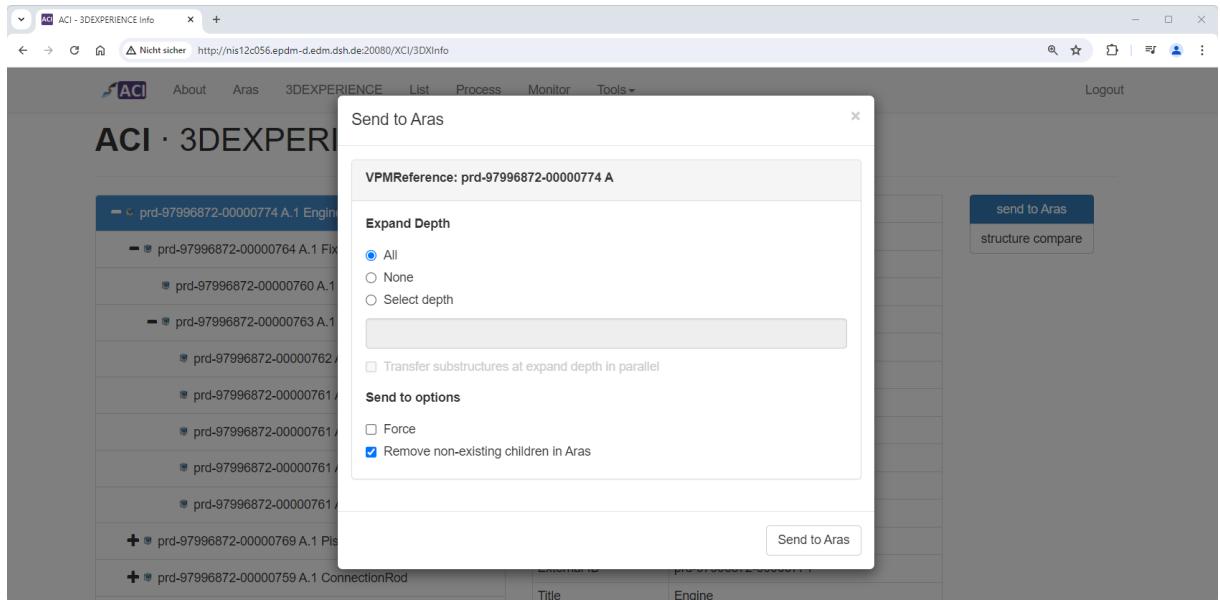


Figure 44: ACI Web – 3DX – Send to Aras options

4.3.1 structure compare

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

This command can be disabled by your administrator.

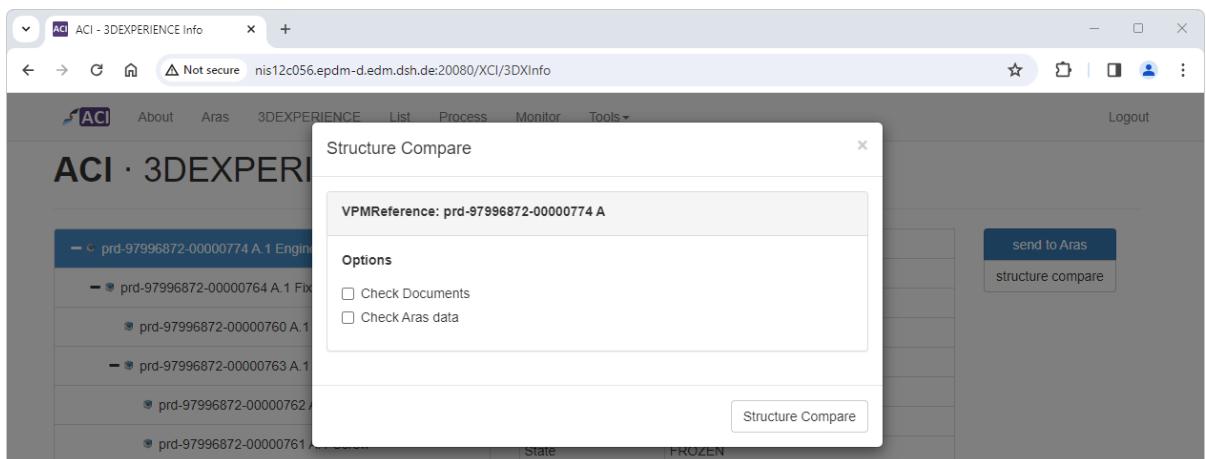


Figure 45: ACI Web – 3DX – Structure compare options

Options for structure compare:

- Check Documents
 - Activate to compare Dataset transfer status between Aras and 3DEXPERIENCE.
- Check Aras data

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

For large structures the compare may take time due to query and expand of the structure in both Aras 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:

The screenshot shows the ACI - Process web application. At the top, there are search filters for 'Started after' and 'Started before', and search boxes for 'User search' and 'Description search'. Below these are buttons for 'find', 'complex processes', 'running processes', 'PID', 'process id', and 'max results 25'. A table below lists a single process entry:

Activity	Status	Description	Start	End	User	Info	Downloads
FINISHED	SUCCESS	STRUCTURE_COMPARE_3DX_JOB prd-97996872-00000774 A.1 Engine	16.01.2024 09:19:37	16.01.2024 09:19:39	xci-admin	Log Info Compare Info	Report Compare Result

Figure 46: ACI Web – Process – Structure Compare Process Status

4.4 List

With list processing you can transfer a list of objects between Aras and 3DEXPERIENCE. Upload a .csv file containing the list of objects. Once uploaded the list is automatically validated against Aras or 3DEXPERIENCE to check if the objects exist.

After validation the list can be send to Aras 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 Aras to 3DEXPERIENCE is (type may be empty):

```
#Part Number;Revision;Type
000010;A;Part
000005;F;Part
000011;A;
000015;A;
```

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

```
#Name;Revision;Type
000010;A;Part
000005;F;Part
```

000011;A;
000015;A;

The screenshot shows the ACI Web interface for 'List processing'. At the top, there are tabs for 'Aras' and '3DEXPERIENCE'. A 'CSV file:' input field contains 'listArasToV6...egration.csv', with a 'Choose File' button next to it. To the right are 'Send to 3DEXPERIENCE' and 'Save' buttons. Below this, a message box says 'Validation: 1 of 4 objects not valid!' with an unchecked checkbox for 'Only show invalid objects'. A table below lists five rows of data:

Line	Part Number	Revision	Type	Status
2	000010	A	Part	Valid
3	000005	C	Part	No object found
4	000011	A	Part	Valid
5	000015	A	Part	Valid

Figure 47: ACI Web – List – Aras – List partially validated.

4.5 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.

The screenshot shows the ACI Web interface for 'Tools - Process'. At the top, there are tabs for 'Aras', '3DEXPERIENCE', 'LIST', 'Process', 'Monitor', and 'Tools'. A message 'Logged in as 'xci-admin'' is shown. Below this, a search form includes fields for 'Started after' (calendar), 'User search' (with placeholder 'use % as wildcard'), 'Started before' (calendar), 'Description search' (with placeholder 'use % as wildcard'), and checkboxes for 'complex processes' and 'running processes'. It also includes a 'find' button, a 'PID' input field, and a 'max results' dropdown set to 25. Below the form is a table of process activities:

Activity	Status	Description	Start	End	User	Info	Downloads
RUNNING ✖	RUNNING	TRANSFER_PDM_TO_3DX 000016	27.06.2023 14:58:40		xci-admin		
FINISHED	SUCCESS	UPDATE_IN_3DX 000016	26.06.2023 17:04:12	26.06.2023 17:04:13	aci	Log Info Report	

Figure 48: ACI 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 . 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.

Activity	Status	Description	Start	End	User	Info	Downloads
RUNNING 	RUNNING	TRANSFER_LIST_TO_3DX sendListTo3DX-f958ecef-df14-4bdc-9ff6-4699501f71e0	27.06.2023 15:08:25		xci-admin		
FINISHED 	SUCCESS	TRANSFER_LIST_TO_3DX sendListTo3DX-4acb443f-ab0d-42bb-9e40-8b0401d4bf1	27.06.2023 15:06:50	27.06.2023 15:06:59	xci-admin	Log Info	Report

Figure 49: ACI 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 ACI yet).

Description	Status	id
sendListTo3DX-db75f5e7-2987-4f73-8338-6fa9dec8e74b	RUNNING	4fdf3dc2-ab72-4b13-a312-f53acc0ccfc2c
000005	WAITING	625ab0b5-a91f-4155-9c69-438eea6a2f78
000010	WAITING	ace7ad6f-86a9-45bb-8a19-ef0681ad69df
000015	WAITING	47fda92d-c93c-4edf-8db6-0282125670d0

Figure 50: ACI Web – Tools – Process – Show queued jobs for a list process.

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

FINISHED	SUCCESS	STRUCTURE_COMPARE_3DX_JOB prd-97996872-00000774 A.1 Engine	17.03.2023 18:56:16	17.03.2023 18:56:16	xci-admin	Log Info	Report
FINISHED	SUCCESS	STRUCTURE_COMPARE_PDM_JOB 000016	17.03.2023 18:45:26	17.03.2023 18:45:27	xci-admin	Log Info	Report
FINISHED	SUCCESS	TRANSFER_3DX_TO_PDM prd-		17.03.2023	17.03.2023	conwitti	Report

Figure 51: ACI Web – Tools – Process – open log info

The open Info link provides more information about the process.

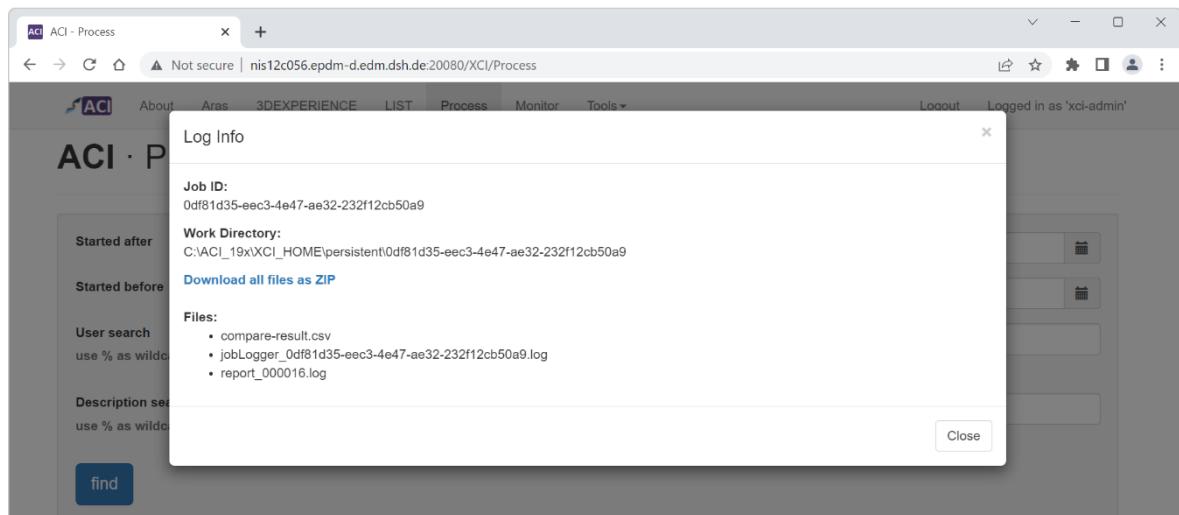


Figure 52: ACI Web – Tools – Process – Log Info dialog

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.

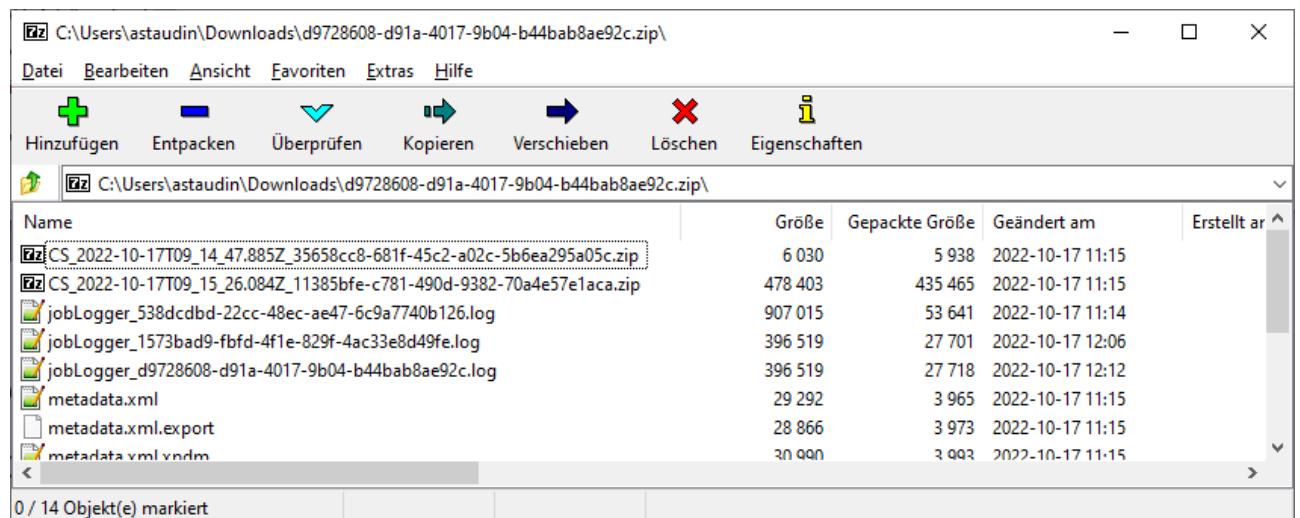


Figure 53: ACI Web – downloaded ZIP file

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

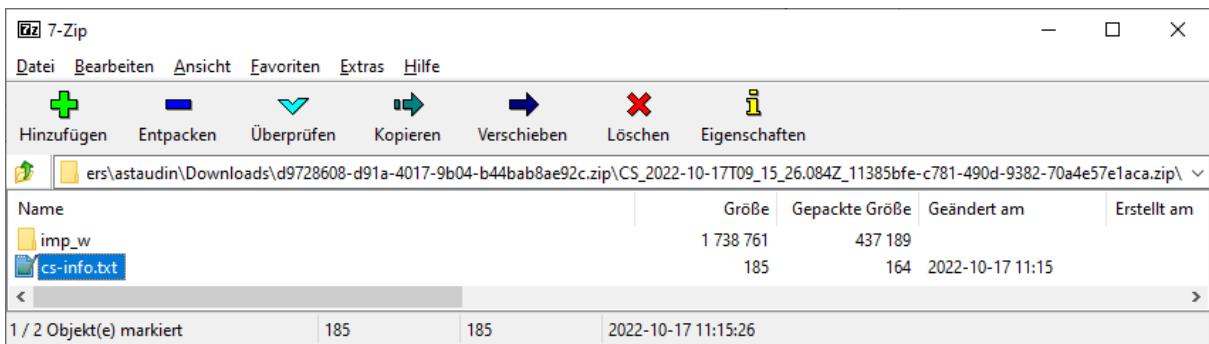


Figure 54: ACI Web – downloaded CS ZIP file

The “cs-info.txt” contains the following info:

```
Date: 2022-10-17T09:15:26.084Z
CS-Host: NIS07C203.epdm-d.edm.dsh.de
CS-Port: 17080
Working directory: C:\XCI\XCI_CS_HOME\workdir\11385bfe-c781-490d-9382-70a4e57e1aca
Type: v6XPDMImport
```

4.6 Monitor

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

Figure 55: ACI 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.

4.7 Tools

There are several tools available in the *Tools* menu.

Operations	
Build version	2.01-r27920:219762
Build date	3-03-13T08:18:42.250+0100
XCI_HOME	ACI_19x\XCI_HOME
Settings path	ACI_19x\XCI_HOME\XCISettings.xml
PDM adapter version	Aras
PDM version	Aras Innovator Version 12.0 SP9 Build: 24090
3DEXPERIENCE adapter version	3DEXPERIENCE R2019x
3DEXPERIENCE version	3DEXPERIENCE R2019x HotFix 7

Figure 56: ACI 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 ACI settings.

4.7.1 Operations

Select *Tools* → *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.

The screenshot shows the ACI Web - Operations interface. At the top, there is a header bar with the ACI logo, navigation links (About, Aras, 3DEXPERIENCE, LIST, Process, Monitor, Tools), and user information (Logout, Logged in as 'xci-admin'). Below the header is a title 'ACI · Operations'. The main area contains a search form with fields for 'Start date' (with a calendar icon), 'End date' (with a calendar icon), 'Related object search' (containing '000016' with a note 'use % as wildcard.'), and a blue 'find' button.

Figure 57: ACI Web – Operations – Query

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

The screenshot shows the ACI Web - Operations interface after a query has been run. The search form is identical to Figure 57. Below it is a table titled 'Entry Point' showing the results of the search. The table has two entries:

Entry Point		Activity		
		Root object	Start date	End date
0df81d35-eec3-4e47-ae32-232f12cb50a9	+	[XCI_56_ACI_000016 A][000016 A]	17.03.2023 18:45:26	17.03.2023 18:45:27
AFAFF4CCA16940D5B1986F3E5200B585	+	Root object	Start date	End date
		[XCI_56_ACI_000016 A][000016 A]	17.03.2023 18:17:36	17.03.2023 18:18:17

Figure 58: ACI Web – Operations – Query result

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

The screenshot shows the ACI Web interface for Operations. The main title bar says "ACI - Operations". The menu bar includes "About", "Aras", "3DEXPERIENCE", "LIST", "Process", "Monitor", "Tools", "Logout", and "Logged in as 'xci-admin'". Below the menu, there's a table with two rows. The first row is for the "Root object" [XCI_56_ACI_000016 A][000016 A] with columns for "Start date" (17.03.2023 18:17:36) and "End date" (17.03.2023 18:18:17). The second row is for the entry point "AFAFF4CCA16940D5B1986F3E5200B585_-1_UNDEFINED_1" with a detailed table of 12 operations: PDM_EXPORT, CONVERT_PDM_3DX, PROCESS_COEXISTENCE_XPDMXML, PDM_DOWNLOAD, PREPROCESS_PREPARE, PREPROCESS_DO, PREPROCESS_FINISH, CONVERT_PREPARE, DIRECT_IMPORT_PRODUCTSTRUCTURE, and POSTPROCESS, all with status "SUCCESS" and specific dates.

Figure 59: ACI Web – Operations – Details

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

The screenshot shows the ACI Web interface for the Entry Point. The title bar says "ACI - EntryPoint". The menu bar is identical to Figure 59. The main content area displays the entry point "AFAFF4CCA16940D5B1986F3E5200B585_-1_UNDEFINED_1". Below it, a section titled "Related objects for [XCI_56_ACI_000016 A][000016 A]" lists 15 related objects, all of which are "VPMReference" type and have revision "A".

ARAS Type	ARAS Name	ARAS Revision	3DX Type	3DX Name	3DX Revision
Part	000010	A	VPMReference	XCI_56_ACI_000010	A
Part	000014	A	VPMReference	XCI_56_ACI_000014	A
Part	000008	A	VPMReference	XCI_56_ACI_000008	A
Part	000006	A	VPMReference	XCI_56_ACI_000006	A
Part	000005	A	VPMReference	XCI_56_ACI_000005	A
Part	000012	A	VPMReference	XCI_56_ACI_000012	A
Part	000013	A	VPMReference	XCI_56_ACI_000013	A
Part	000007	A	VPMReference	XCI_56_ACI_000007	A
Part	000003	A	VPMReference	XCI_56_ACI_000003	A
Part	000002	A	VPMReference	XCI_56_ACI_000002	A
Part	000009	A	VPMReference	XCI_56_ACI_000009	A
Part	000015	A	VPMReference	XCI_56_ACI_000015	A

Figure 60: ACI Web – Operations – Entry Point

4.7.2 Persistent

Select *Tools → 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.

The screenshot shows the ACI Web interface for a Persistent directory. At the top, it displays the host name as NIS12C056 and the persistent directory as C:\ACI_19\x\XCI_HOME\persistent. Below this, there is a 'reload' button. The main content area is a table titled 'Entry Point' with two rows. Each row has a plus sign (+) icon followed by 'Root object' and detailed activity logs. The first row's log is: [prd-97996872-00000774 A][prd-97996872-00000774 A] 17.03.2023 18:56:16 17.03.2023 18:56:18. The second row's log is: [XCI_56_ACI_000016 A][000016 A] 17.03.2023 18:45:26 17.03.2023 18:45:27.

Entry Point	Activity	Start date	End date
c1bfa33a-b773-47b1-a372-7d1e0fb2c518	+ Root object [prd-97996872-00000774 A][prd-97996872-00000774 A]	17.03.2023 18:56:16	17.03.2023 18:56:18
0df81d35-eec3-4e47-ae32-232f12cb50a9	+ Root object [XCI_56_ACI_000016 A][000016 A]	17.03.2023 18:45:26	17.03.2023 18:45:27

Figure 61: ACI Web – Persistent directory

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

This screenshot shows the 'Details' view for the entry point 'c1bfa33a-b773-47b1-a372-7d1e0fb2c518'. It displays the same host name and persistent directory information as Figure 61. Below is a table titled 'Activity' with one row: STRUCTURE_COMPARE_3DX, SUCCESS, 17.03.2023 18:56:16, 17.03.2023 18:56:18.

Activity	Status	Start date	End date
STRUCTURE_COMPARE_3DX	SUCCESS	17.03.2023 18:56:16	17.03.2023 18:56:18

Figure 62: ACI Web – Persistent directory – Details

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

ARAS Type	ARAS Name	ARAS Revision	3DX Type	3DX Name	3DX Revision
Part	prd-97996872-00000759	A	VPMReference	prd-97996872-00000759	A
Part	prd-97996872-00000760	A	VPMReference	prd-97996872-00000760	A
Part	prd-97996872-00000761	A	VPMReference	prd-97996872-00000761	A
Part	prd-97996872-00000762	A	VPMReference	prd-97996872-00000762	A
Part	prd-97996872-00000763	A	VPMReference	prd-97996872-00000763	A
Part	prd-97996872-00000764	A	VPMReference	prd-97996872-00000764	A
Part	prd-97996872-00000765	A	VPMReference	prd-97996872-00000765	A
Part	prd-97996872-00000766	A	VPMReference	prd-97996872-00000766	A
Part	prd-97996872-00000767	A	VPMReference	prd-97996872-00000767	A
Part	prd-97996872-00000768	A	VPMReference	prd-97996872-00000768	A
Part	prd-97996872-00000769	A	VPMReference	prd-97996872-00000769	A
Part	prd-97996872-00000770	A	VPMReference	prd-97996872-00000770	A

Figure 63: ACI Web – Persistent directory – Entry Point

4.7.3 Configuration

Select Tools → Configuration to see the ACI configuration.

XCI_HOME	C:\ACI_19x\XCI_HOME
Settings path	C:\ACI_19x\XCI_HOME\XCISettings.xml
Settings load time	2023-06-22T13:03:23.660+0200

reload settings

Search show only matches

- XCISettings
 - Conversion
 - TempDir: C:\ACI_19x\XCI_HOME\temp
 - PersistentDir: C:\ACI_19x\XCI_HOME\persistent
 - CleanupPersistentDir: true
 - CleanupReportDirDaysToKeep: -1
 - RenameFilesAfterDownload: true
 - DisablePdmImportSkipNotModified: false
 - ImportPdm
 - VRMaturityToPdmStatusMapping

Figure 64: ACI Web – Tools – Configuration

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

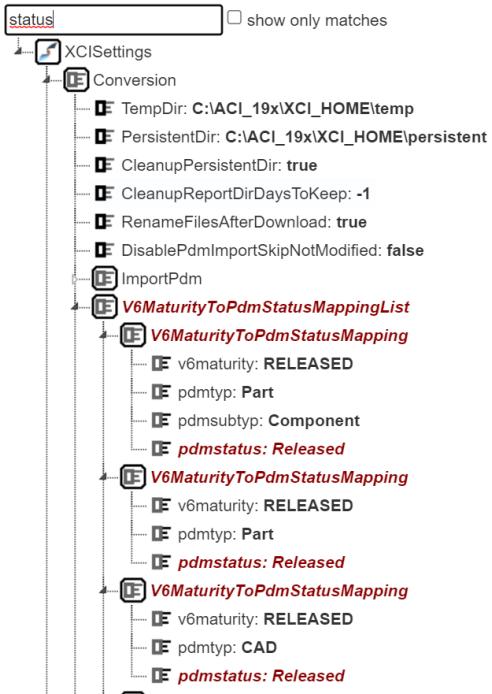


Figure 65: ACI Web – Tools – Configuration: searching configuration values.

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

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

4.7.4 Details

Select *Tools → Details* to get detail information for a given ID. The id can be from Aras or 3DEXPERIENCE.

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

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

ACI - Details

ID search: AFAFF4CCA16940D5B1986F3E5200B585

find

Found object in Aras

Name	Value
Display	000016
Uid	AFAFF4CCA16940D5B1986F3E5200B585
Type	Part
Part Number	000016
Revision	A
Name	Engine
State	Released
Type	Assembly
Release Date	2021-11-26T11:58:42
generation	1

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Figure 66: ACI Web – Details – Query result page

4.7.5 File Cache

Select *Tools* → *File Cache* to get information about File Cache content.

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

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

Object Type

Object Id: 3sh-97996872-00000103

Object Version

Modified

File Type: use "" for empty type

find

	objectType	objectId	objectVersion	modified	fileType
<input type="checkbox"/>	3DShape	3sh-97996872-00000103	A	2020-03-05T11:57:25.000Z	
<input type="checkbox"/>	3DShape	3sh-97996872-00000103	A	2020-03-05T11:57:25.000Z	PNG
<input type="checkbox"/>	3DShape	3sh-97996872-00000103	B	2023-03-17T15:00:01.000Z	
<input type="checkbox"/>	3DShape	3sh-97996872-00000103	B	2023-03-17T15:00:01.000Z	PNG

Remove File Cache Entries

Figure 67: ACI Web – File Cache – Query result page

With the Remove File Cache Entries button the checked entries can be removed from the File Cache. After confirming the request, the entries are removed.

4.7.6 License

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

Licenses consumed by this server

Key	Name	Consumed	Available	Expires
1050	XCI Server License	1	15	Fri, 31 Dec 2027 00:00:00 GMT
1055	XCI Job License	5	85	Fri, 31 Dec 2027 00:00:00 GMT

License servers: 53.118.12.32 (edme010.edm.dsh.de)

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Figure 68: ACI Web – License – Details about the license server and allocated licenses