

**CATIA
Teamcenter
Interface
RII**

CMI RII Release 2.2

Installation Manual

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Preface

About this Guide

This guide provides installation and configuration information for the CATIA Teamcenter (CMI RII) Interface. Before using this guide, be sure you understand:

- the operating system
- the administration of the CATIA system
- the administration of the Teamcenter system

Related Documents

The following manuals contain information about installation and usage of CATIA Teamcenter Interface RII:

Manual Title	Version
<i>CATIA Teamcenter Interface RII Installation Manual</i>	2.2
<i>CATIA Teamcenter Interface RII User Manual</i>	2.2

Your Comments are Welcome

Your comments on our publications are welcome. Please write us at:

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CHAPTER 1

Overview

The installation of the CATIA Teamcenter Interface RII consists of three parts.

The first step is to modify and extend your Teamcenter server installation. This is done by deploying a new custom template to the Teamcenter database, which will add several new dataset types to the database schema. The library of the custom server will be installed.

The second step is to install the client side components. This includes the installation of:

- CMI RII CATIA V5 module
- CMI RII Teamcenter Rich Client application
- RC CMI listener, a program responsible for the communication between CATIA and Teamcenter Rich Client

The third step is to import a set of CMI RII specific preferences.

System and Software Requirements

CATIA V5 Version V5R18, V5R19, and V5R20 (other revisions on request):

CATIA V5 Client	OS Supported by CATIA V5
-----------------	--------------------------

Teamcenter 8.0/8.1 Rich Client Installation:

Teamcenter Rich Client	OS Supported by Teamcenter
------------------------	----------------------------

In order to use the functionality “Create Dataset Interactive” for Teamcenter 8.1 the patch 8.1.0.2 is required.

Teamcenter 8.0/8.1 Server Installation:

Teamcenter Server	OS Supported by Teamcenter
CMI custom library	Solaris 10 and Windows XP other OS on request

T-Systems licman20 license manager:

T-Systems licman20	please refer to the licman documentation
--------------------	--

CHAPTER 2

Server Side Installation

CMI RII Custom Template Installation

Pre-Installation task

It is recommended to stop Teamcenter Rich Clients and Teamcenter Servers which are connected to the database where the new template will be deployed.

How to deploy the CMI RII Custom Template to the Teamcenter Configuration



For more information about deploying templates, see the Teamcenter *Business Modeler IDE Guide*.

Use the Teamcenter Environment Manager (TEM) to deploy the CMI RII custom template.

The initial deployment is done using the “Add/Remove Features” option. Once the CMI RII custom template has been installed, newer versions of the template will be installed using the “Update the database” option.

Initial deployment of the CMI RII Custom Template

1. Download the software from <http://www.cmi-support.com/>. Choose “Download” → “CMI RII” → “CMI RII Server Software / Teamcenter 8 (unified)” → “CMI RII Server Template Package for Teamcenter 8”.
2. Locate the downloaded archive (e.g. CMIRII_Server_Template_V220.zip) that contains the four template feature files. Unpack the archive, for example to “C:\temp\template”.
3. Launch the TEM from *TC_ROOT/install* directory. Select “Configuration Manager” and click Next:

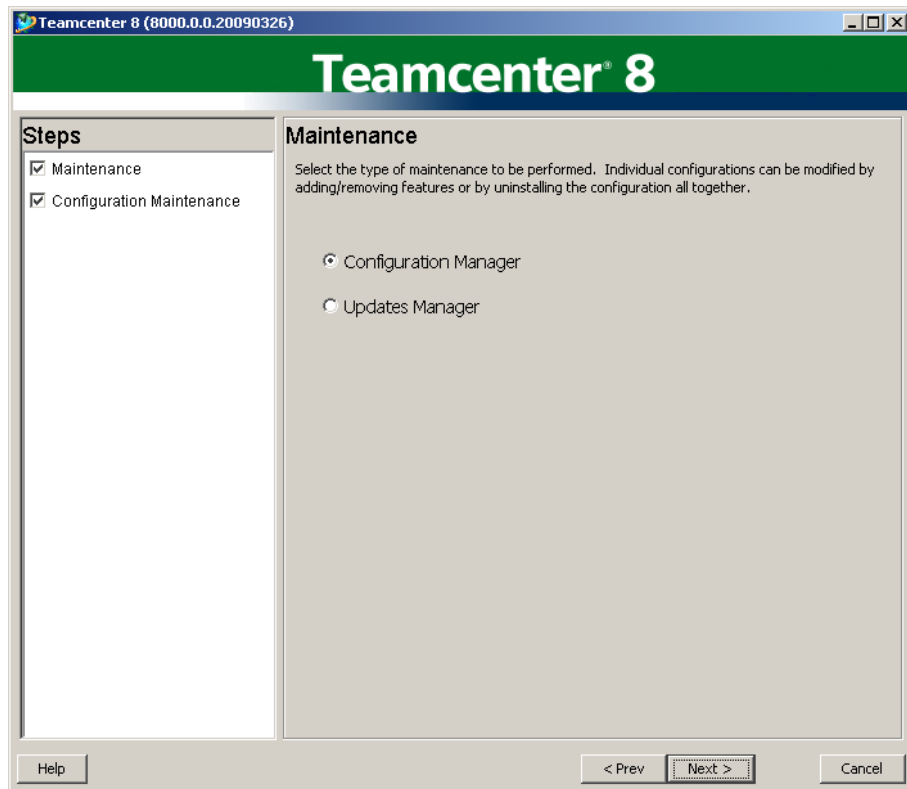


Figure 1: TEM - Maintenance page

4. Select "Perform maintenance on an existing configuration" and click Next:

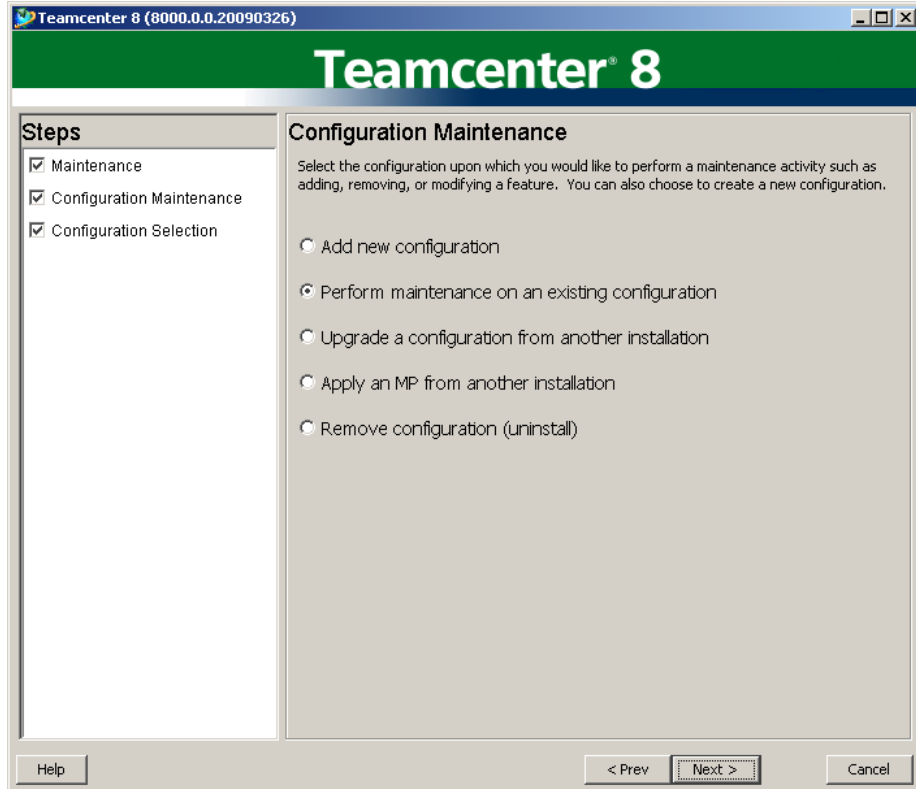


Figure 2: TEM - Configuration Maintenance page

5. On the Configuration Selection page, select the Configuration which you want to modify and click Next:

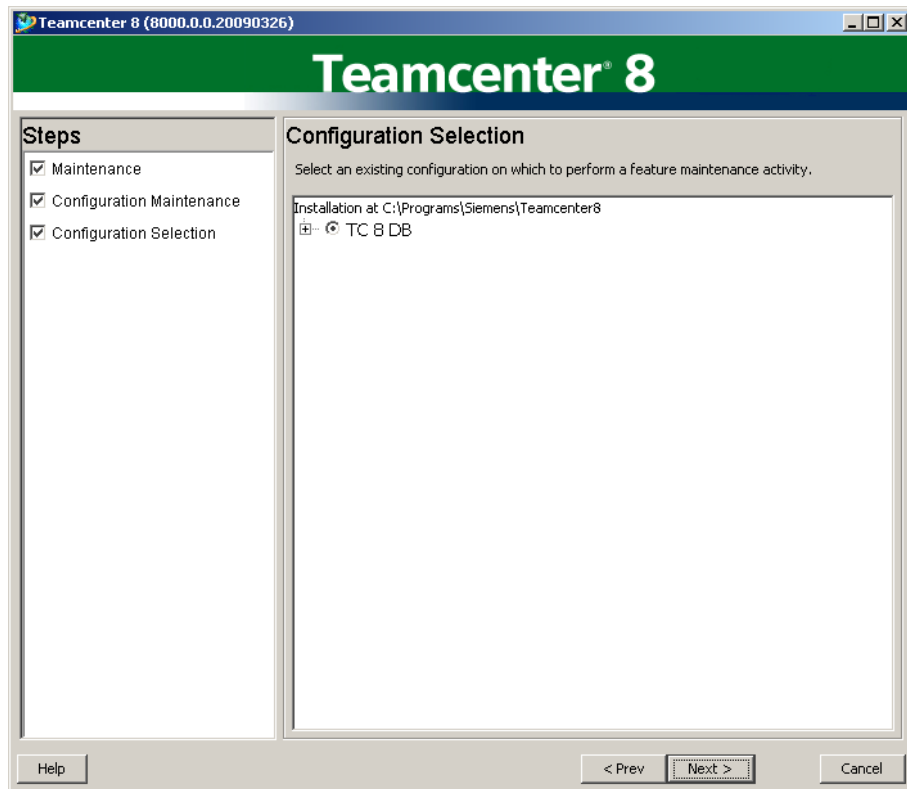


Figure 3: TEM - Configuration Selection page

6. Select “Add/Remove Features” and click Next:

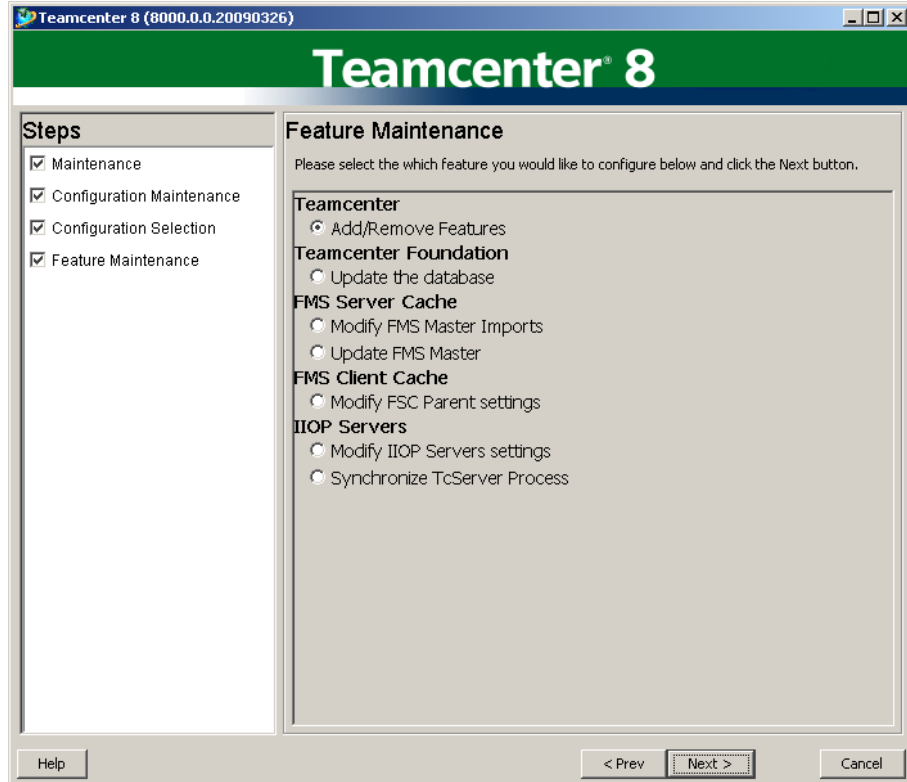


Figure 4: TEM - Feature - Maintenance page

7. The Select Features lists all features which are available with the default Teamcenter installation and maybe also already installed custom templates:

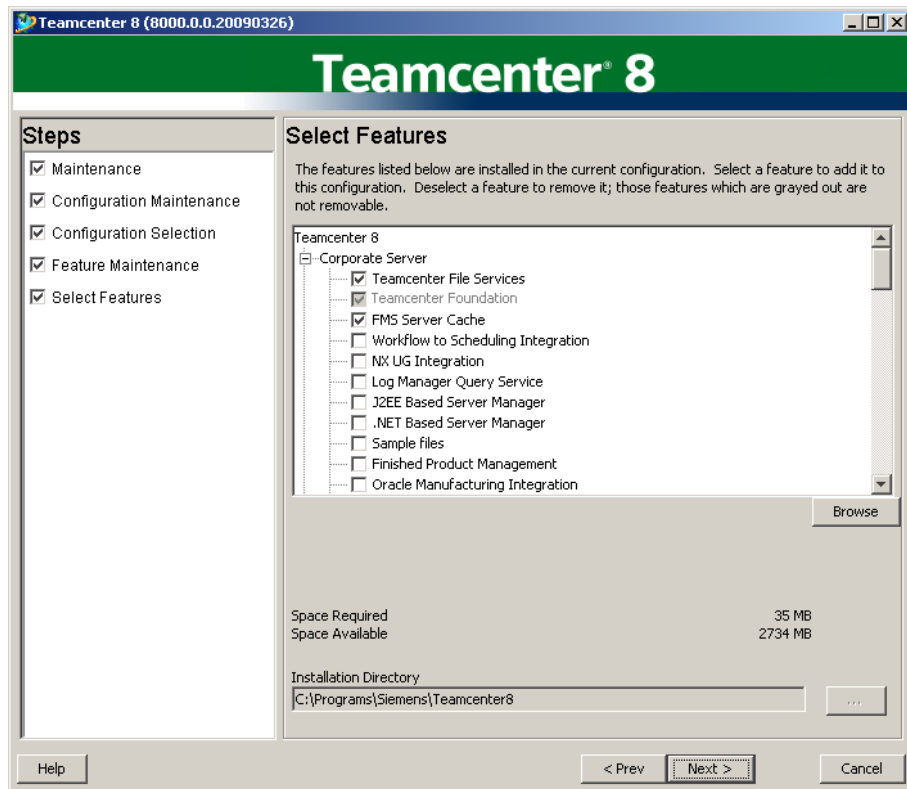


Figure 5: TEM - Select Features page

Most likely this list does not contain your new custom template, because it is not a part of the default Teamcenter installation. To install the template, TEM needs to be made aware of it. You do this by clicking on the Browse button (right below the feature list). In the following dialog, find the directory that contains the template feature files (for example “C:\temp\template” - see Chapter 2, step 2), select the “feature_cmrii.xml” and press the Select button:

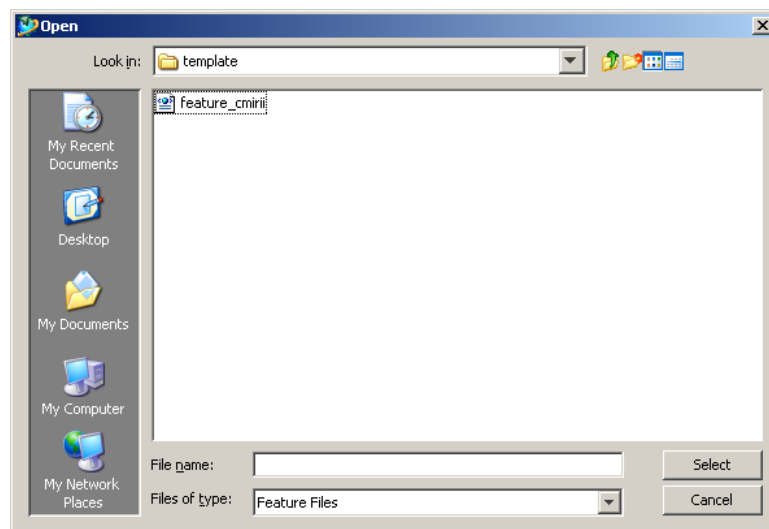


Figure 6: TEM - feature selection dialog

Now the Select Features page shows the new custom template below the “Teamcenter Corporate Server” section:

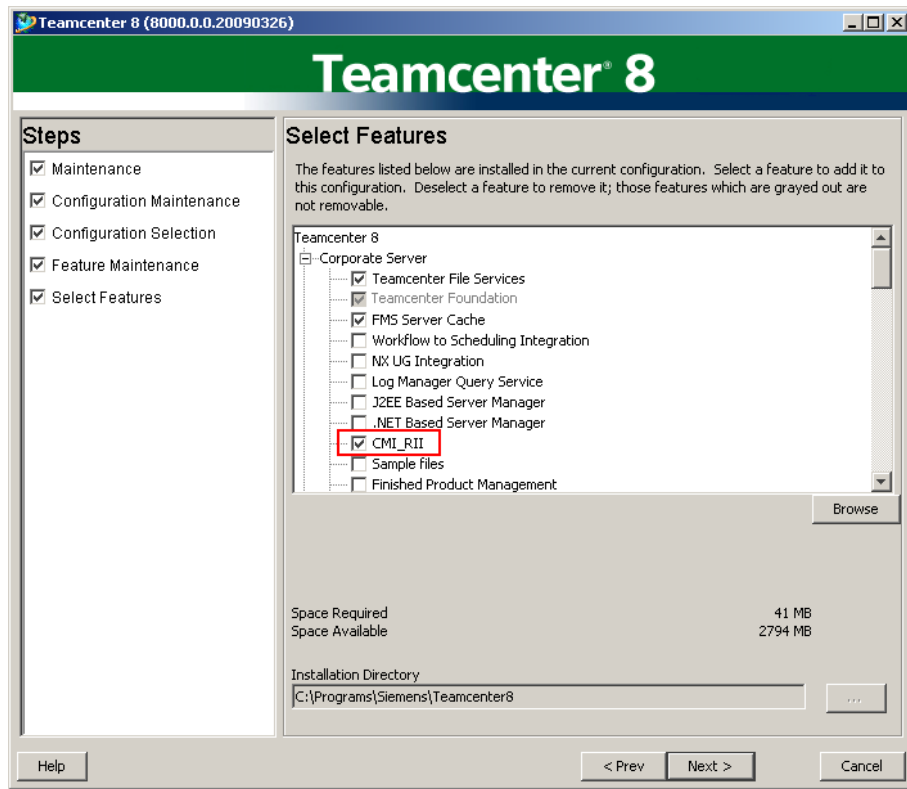


Figure 7: TEM - Select Features page

8. Check the feature in the list and click Next. Enter a valid Teamcenter Administrative user and password. Click Next:

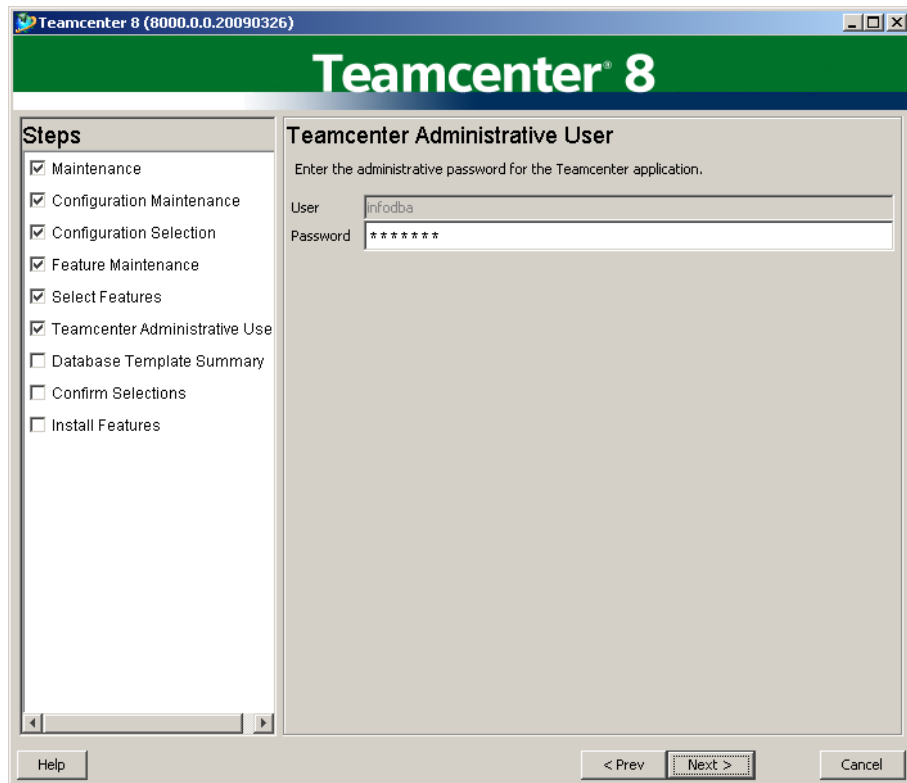


Figure 8: TEM - Teamcenter Administrative User page

9. The Database Template Summary displays a list of the templates which will be applied to the database. Click Next to proceed:

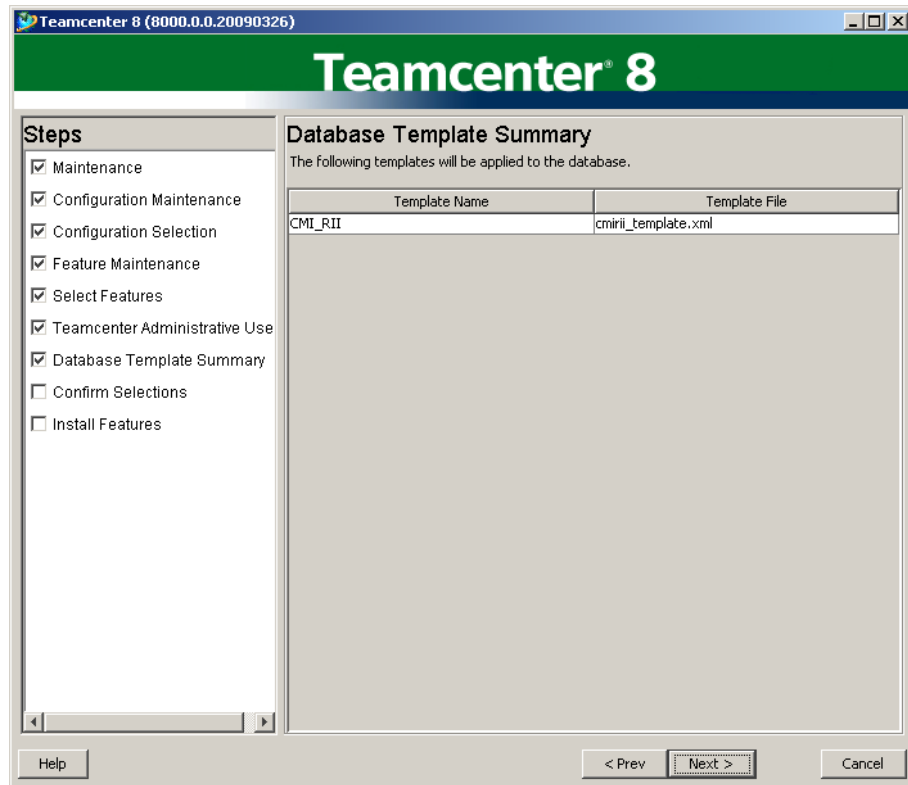


Figure 9: TEM - Database Template Summary page

10. On the Confirm Selections page, click Next:

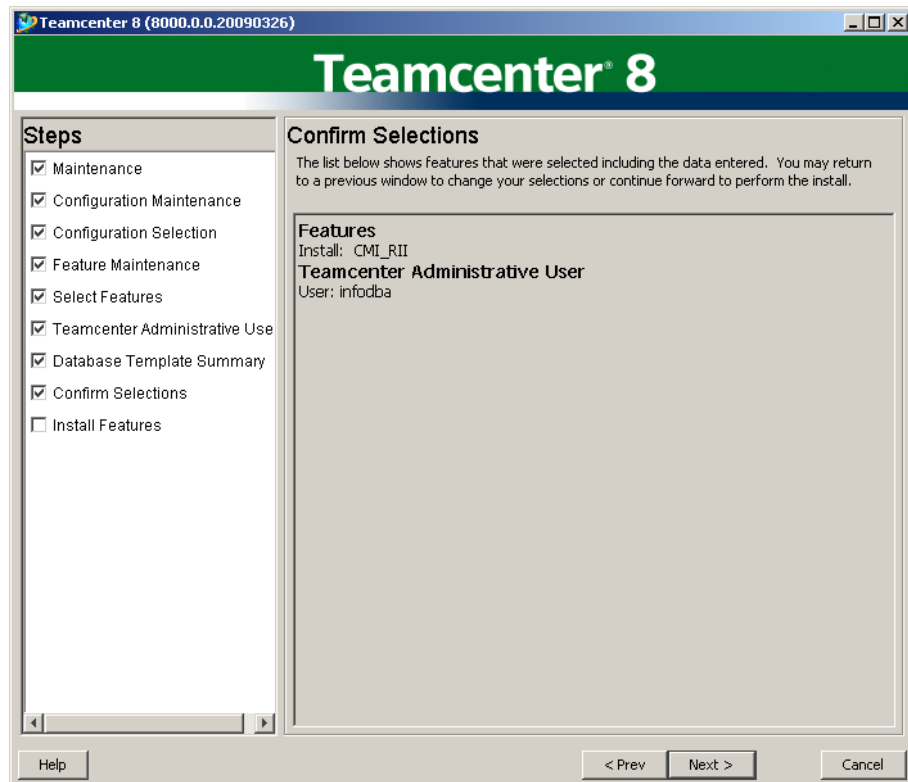


Figure 10: TEM - Confirm Selections page

11. The last page Install Features shows the progress of the installation and, finally, the installation success:

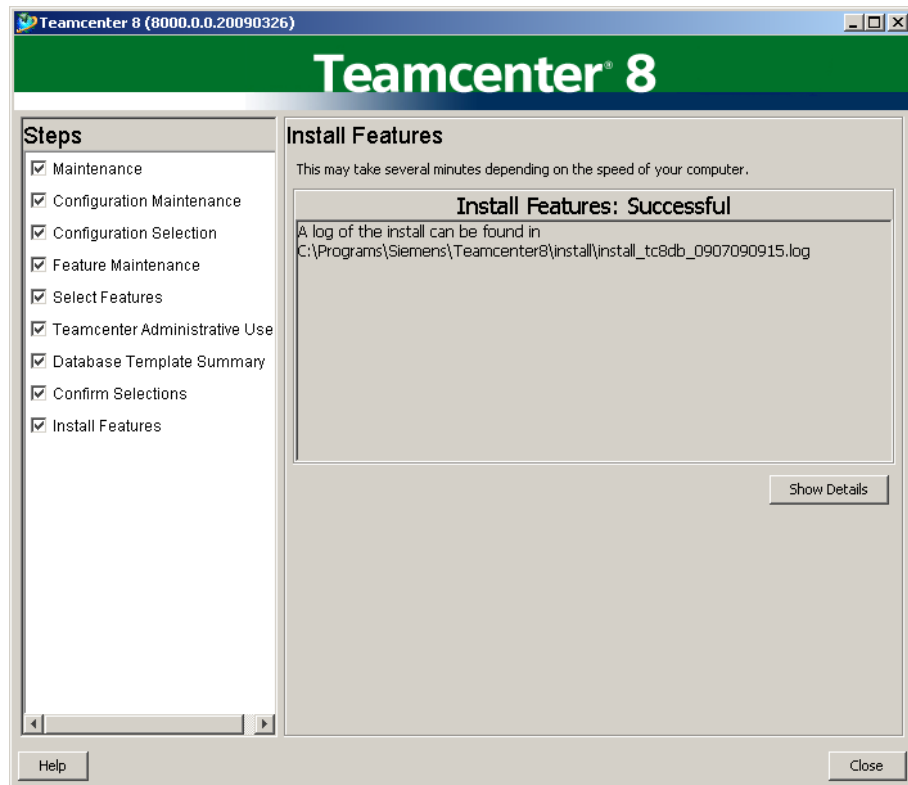


Figure 11: TEM - Install Features page

12. Restart the Teamcenter database to activate the changes. Restart also possibly running Teamcenter Rich Clients and Teamcenter Servers, which are connected to this database.

Updating an installed CMI RII Custom Template

1. Download the software from <http://www.cmi-support.com/>. Choose “Download” → “CMI RII” → “CMI RII Server Software / Teamcenter 8 (unified)” → “CMI RII Server Template Package for Teamcenter 8”.
2. Locate the downloaded archive (e.g. CMIRII_Server_Template_V220.zip) that contains the four template feature files. Unpack the archive, for example to “C:\temp\template”.
3. Launch the TEM from *TC_ROOT/install* directory. Select “Configuration Manager” and click Next:

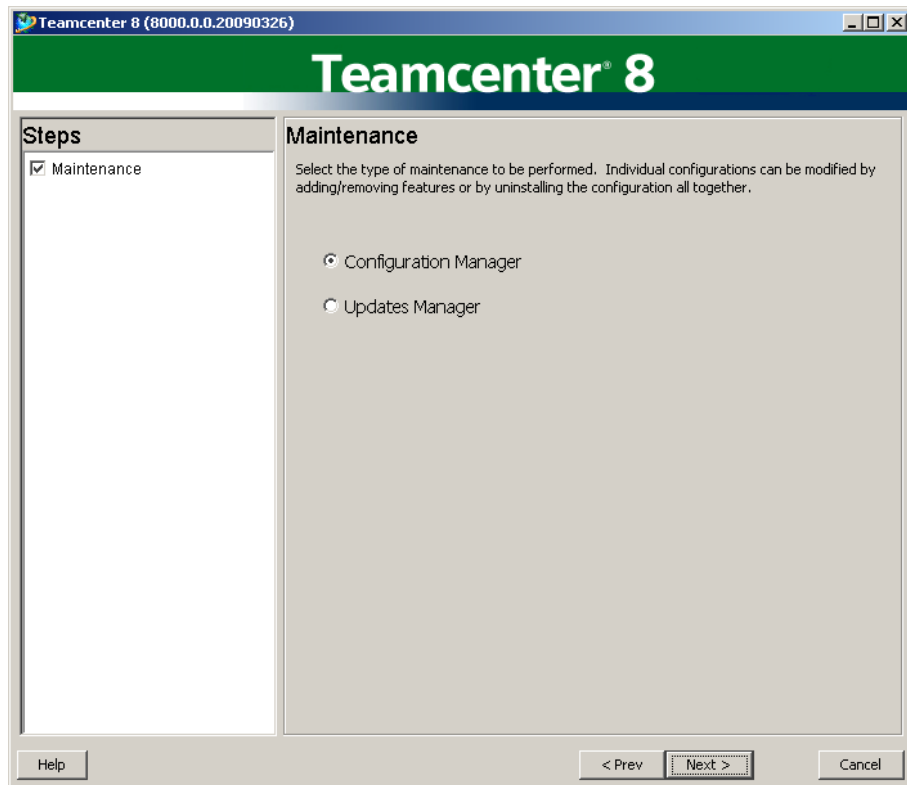


Figure 12: TEM - Maintenance page

4. Select "Perform maintenance on an existing configuration" and click Next:

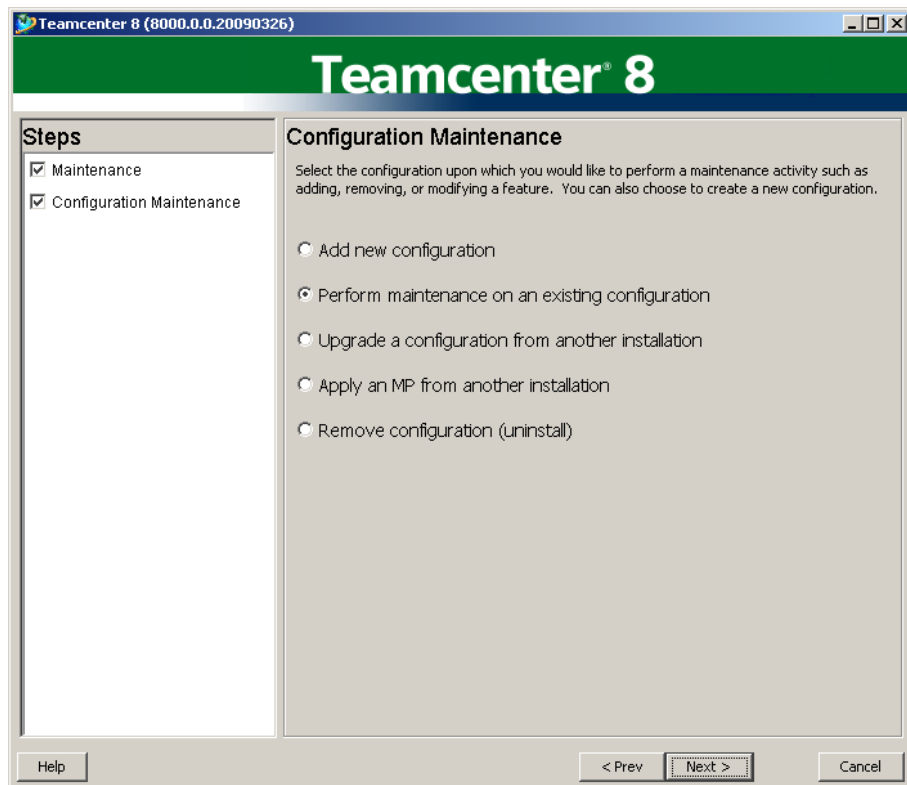


Figure 13: TEM - Configuration Maintenance page

5. On the Configuration Selection page, select the Configuration which you want to modify and click Next:

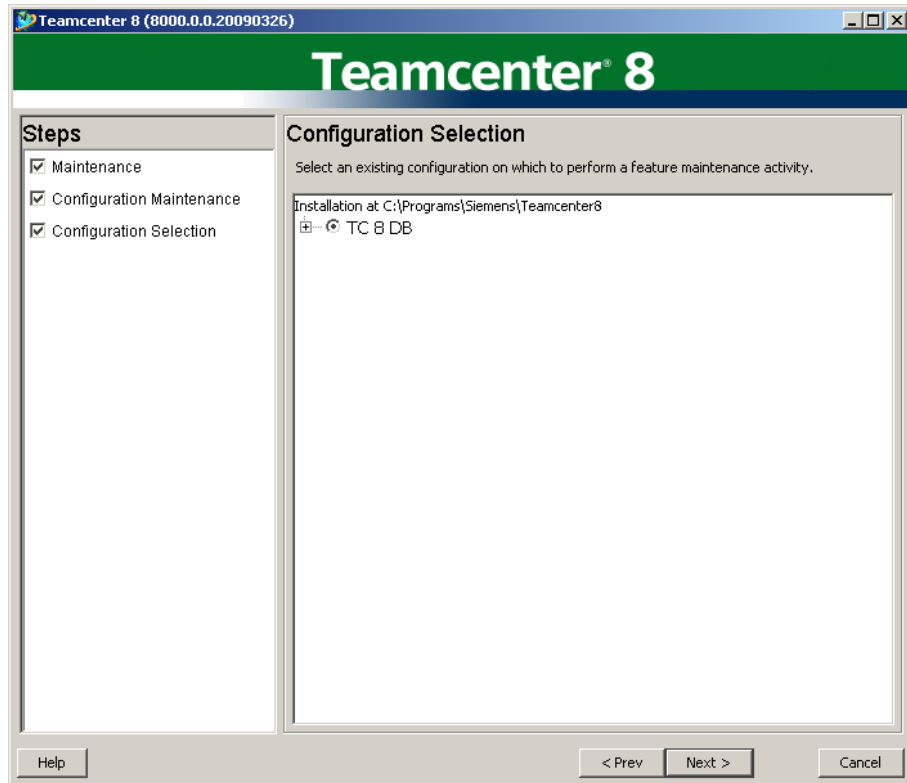


Figure 14: TEM - Configuration Selection page

6. Select "Update the database" and click Next:

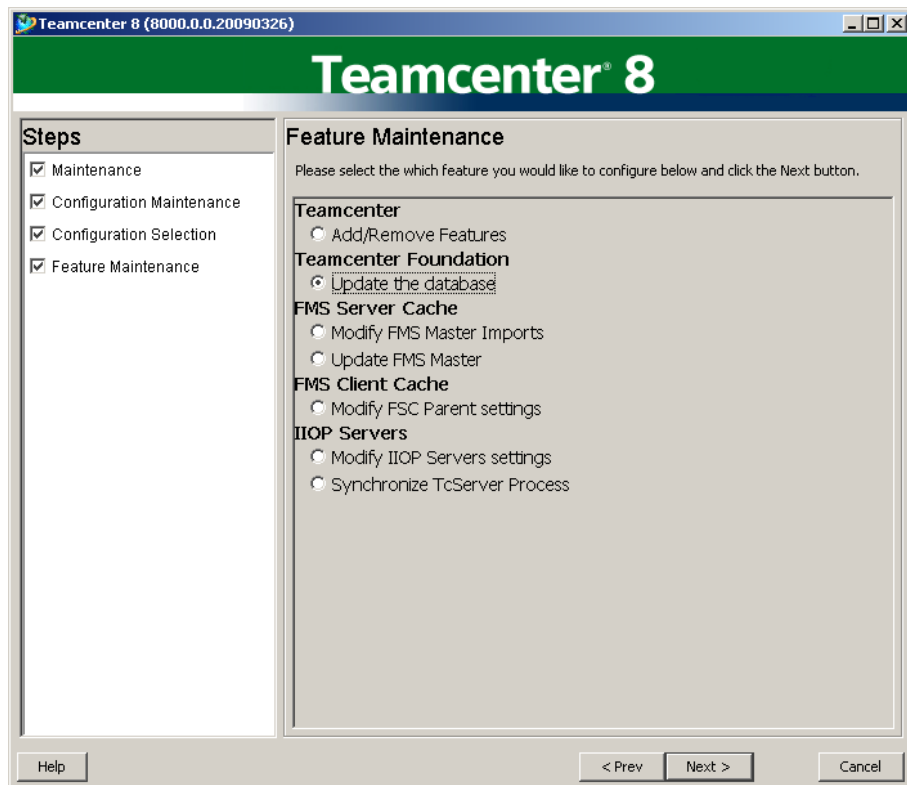


Figure 15: TEM - Feature - Maintenance page

7. Enter a valid Teamcenter Administrative user and password. Click Next:

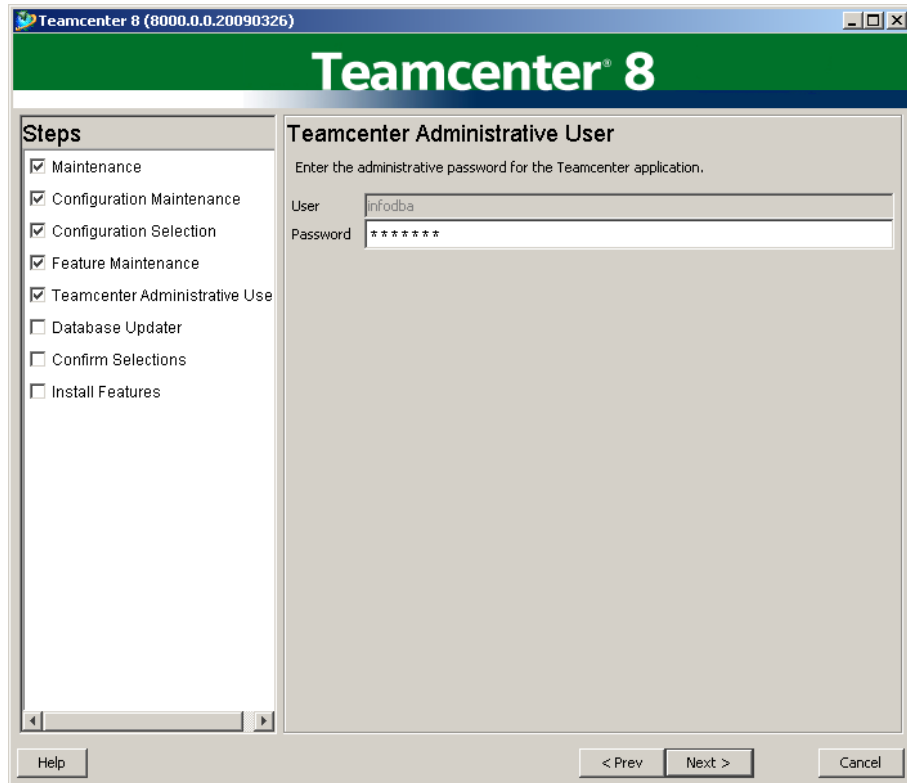


Figure 16: TEM - Teamcenter Administrative User page

8. TEM will display a list of all installed templates. To update the CMI RII custom template, click the Browse button. In the following dialog, find the directory that contains the template feature files (for example “C:\temp\template” - see Chapter 2, step 2), select the “cmirii_template.zip” and press the Select button. Mark the template by checking the box in the column “Apply”. Press Next:

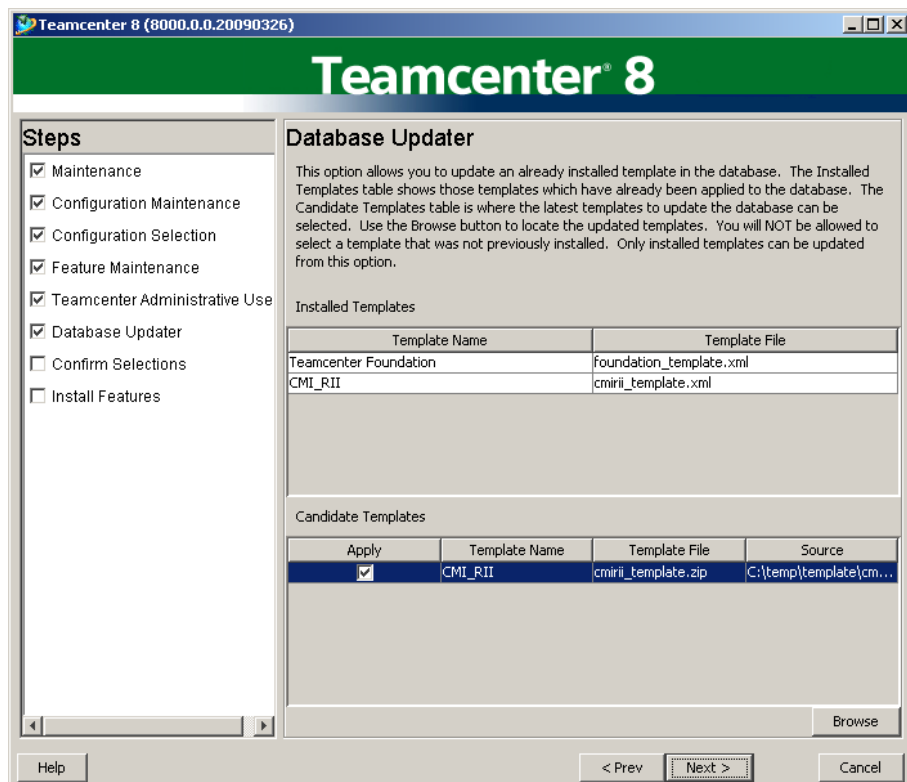


Figure 17: TEM - Database Updater page

9. On the Confirm Selections page, click Next:

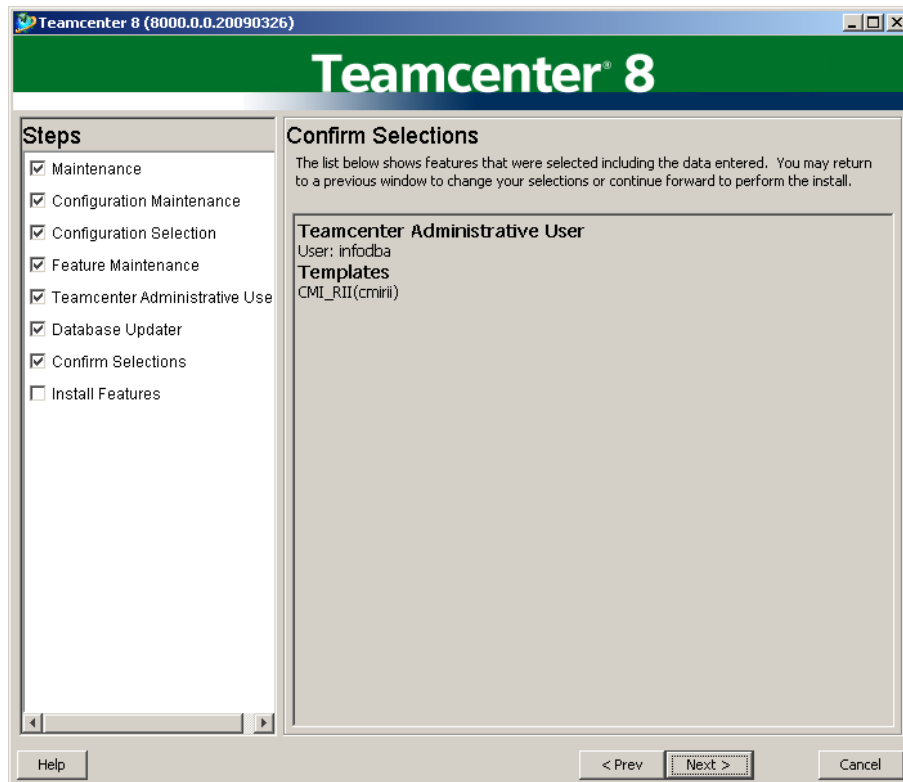


Figure 18: TEM - Confirm Selections page

10. The last page Install Features shows the progress of the installation and, finally, the installation success:

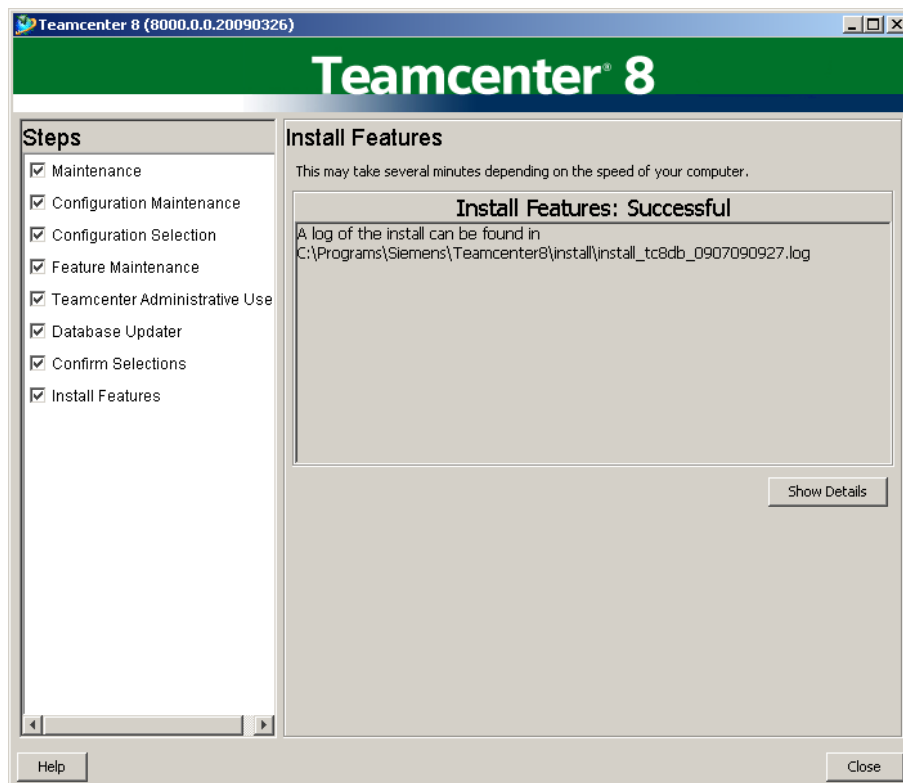


Figure 19: TEM - Install Features page

CMI RII Custom Library Installation

The standard installation of CMI RII does not require the installation of server side libraries. However, it may be necessary to extend server side functionality for CMI RII customization purposes. In such a case, you have to deploy the libraries which contain the custom functionality on the server. The following steps describe how to do that.

Download the software from <http://www.cmi-support.com/>. Choose “Download” → “CMI RII” → “CMI RII Server Software / Teamcenter 8 (unified)” → “CMI RII Custom Server Library Package for Teamcenter 8”.

Locate the downloaded archive (e.g. CMIRII_Custom_Server_Library_V220.zip). Unpack the archive to a directory, for example to “C:\temp\customlib”. Inside this you will find several sub-directories, which contain the CMI RII custom libraries for the supported server operating systems.

Locate the sub-directory for the appropriate operating system, for example “WindowsXP”, if your server operating system is Windows XP.

If you are using Windows XP, copy the files from the sub-directory to the directory `%TC_ROOT%\bin\` of your Teamcenter 8 server installation. If you are using UNIX, copy the files to the `TC_USER_LIB` directory. Using UNIX, you can alternatively add the custom library directory to the shared library path (HP: `SHLIB_PATH`, Solaris: `LD_LIBRARY_PATH`).

Subsequently, you have to create or modify the `TC_customization_libraries` preference. You can do this by using the Teamcenter 8 Rich Client.

In the Rich Client, select “Edit” → “Options” and check, if this preference already exists. If it doesn't, you have to create it. Afterwards, add the value “cmi” to the set of current values:

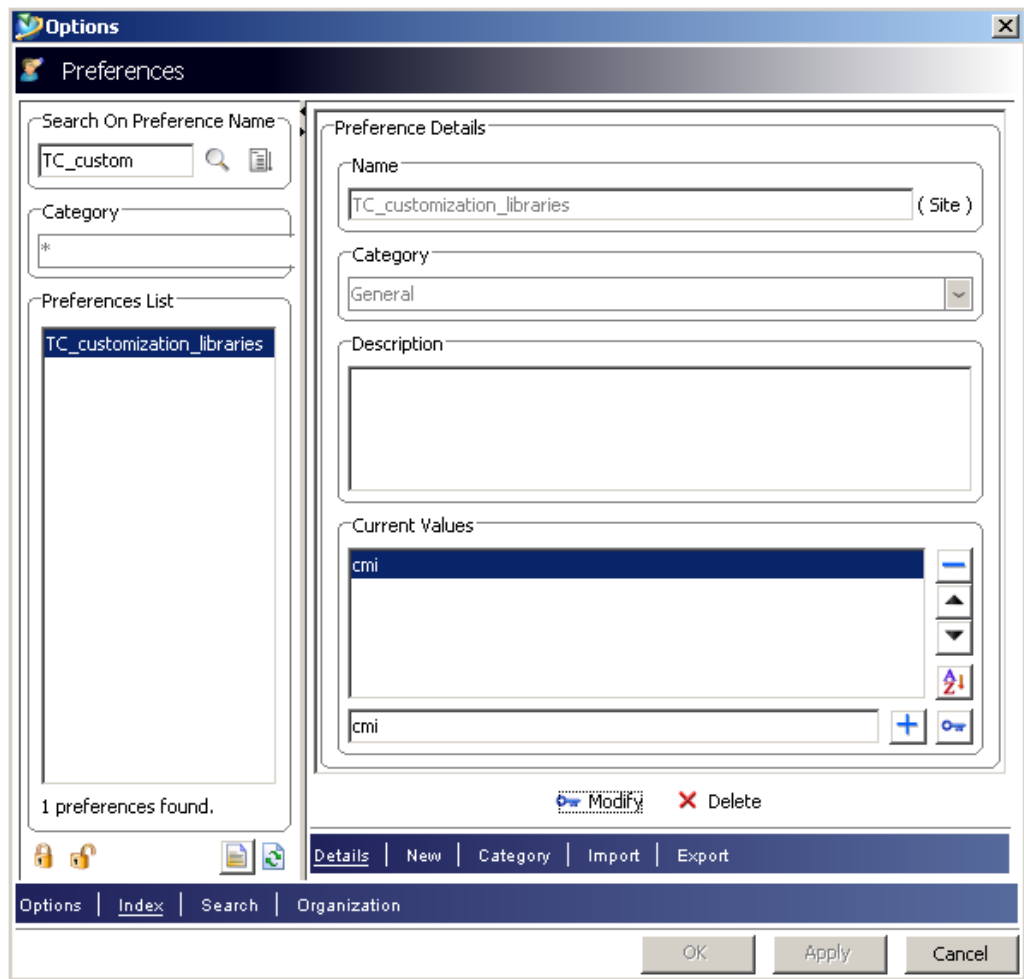


Figure 20: Preferences Dialog of Teamcenter Rich Client

CHAPTER 3

Client Side Installation

Pre-Installation task

Before you start the installation of CMIRIICATV5 (**CMI RII CATIA V5** Integration), please make sure that there is no other/previous version of the software installed on the client system.

An already installed version has to be de-installed. To de-install, select "Add or Remove Programs" from menu "Start" → "Settings" → "Control Panel". Find the CMI RII CATIA V5 installation in the displayed list and de-install the software using the "Change/Remove" button.

How to install the CMI

The CMIRIICATV5 (**CMI RII CATIA V5** Integration) module provided by T-Systems Enterprise Services GmbH extends the CATIA V5 functionality to communicate with the Teamcenter PDM system.

You should perform the following steps with your CATIA system administrator. The CMIRIICATV5 module includes all of the supported platform data in a compressed file. Thus, you should choose an installation location for all CATIA V5 clients.

Download the software from <http://www.cmi-support.com/>. Choose "Download" → "CMI RII" → "CMI RII Client Software / Teamcenter 8 (unified)" and select the appropriate version (CMI RII Client Package for V5R1x / Teamcenter 8).

Locate the downloaded archive file (CMIRIICATV5_R[xx]_V[xxx].zip). Extract the content of the archive file to a temporary installation location, e.g. "c:\temp\CMIRIICATV5_R19_V220".

Inside the temporary installation location, locate the folder "CMIRIICATV5_R[xx]_V[xxx]\install\windows" for an installation on a client with Windows 32-bit or the folder "CMIRIICATV5_R[xx]_V[xxx]\install\windows_64" for an installation on a client with Windows 64-bit.

Start the installation by double-clicking "Setup.exe".

The "CMI RII CATIA V5 Installation Setup" wizard appears. Click Next:

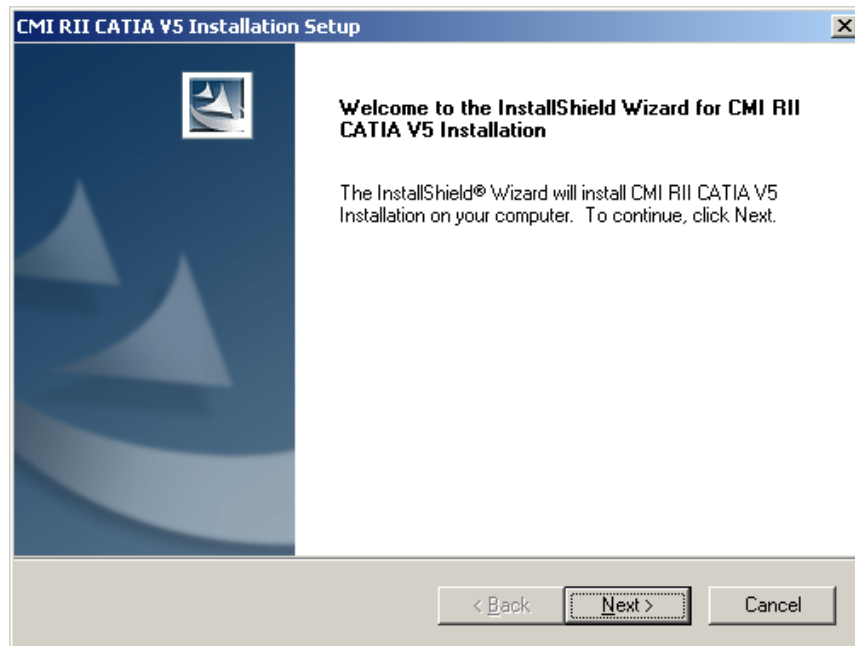


Figure 21: Setup - start page

The License Agreement page displays the general terms and conditions of software purchase of T-Systems International GmbH. Proceed with Next:

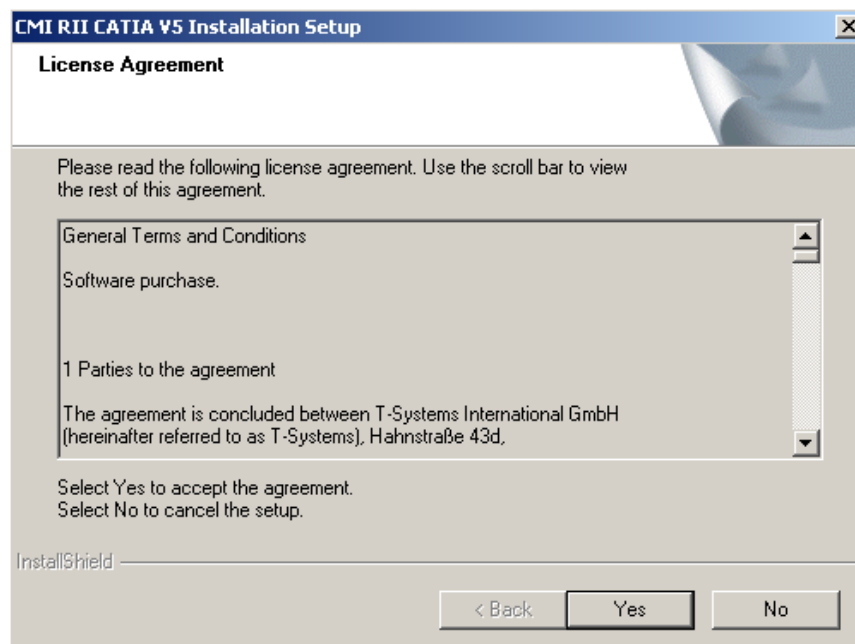


Figure 22: Setup - License Agreement page

The Information page displays a short text with information, such as contacts. Proceed with Next:

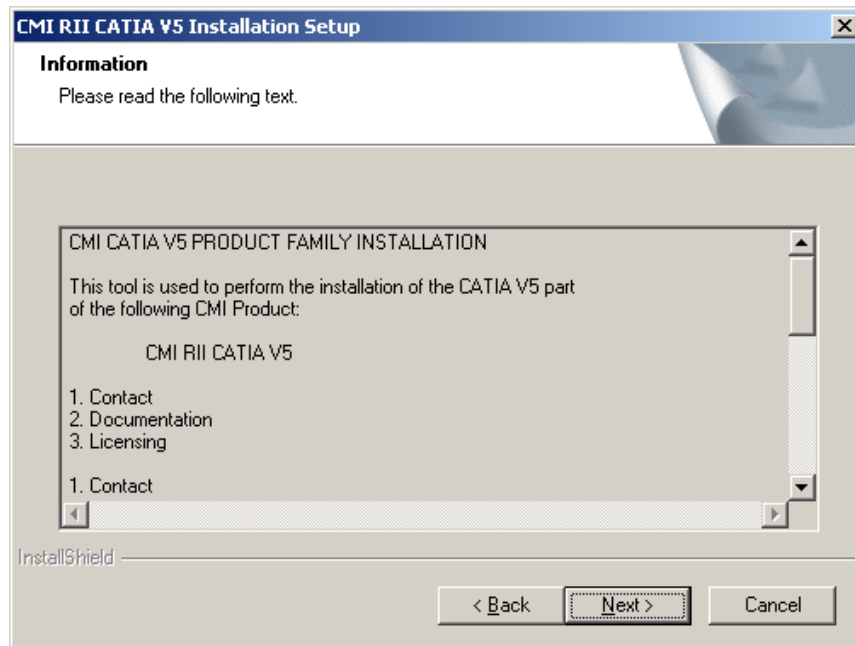


Figure 23: Setup - Information page

On the CATIA V5 Installation Path page you will be asked for the CATIA V5 installation path. If the path was not found in the Windows registry, select the path using the Browse button and proceed with Next:

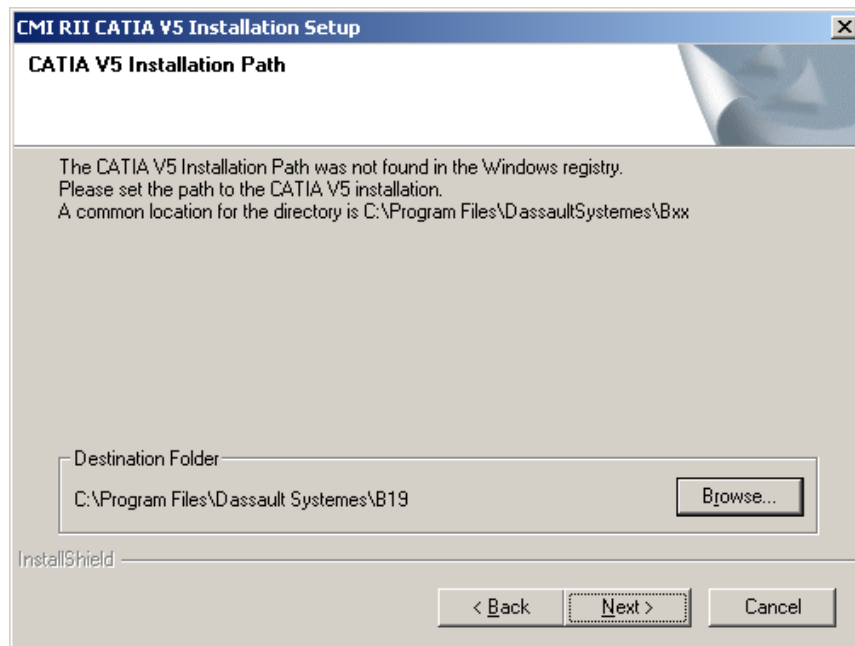


Figure 24: Setup - CATIA V5 Installation Path

On the Choose Destination Location you have to enter the folder where setup will install CMI RII CATIA V5. Select the path using the Browse button and proceed with Next:

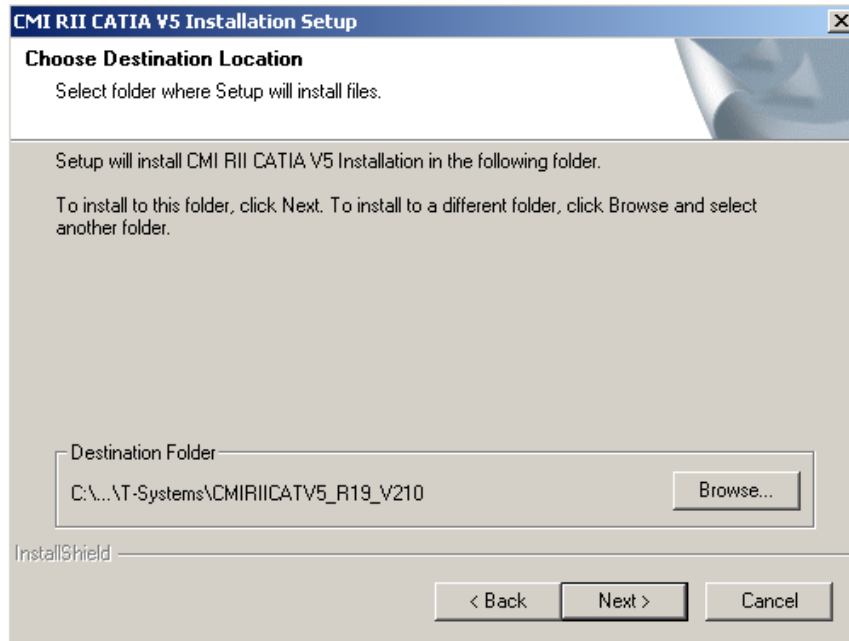


Figure 25: Setup - CMI RII CATIA V5 Setup Destination Location Chooser

To perform file exchange between Teamcenter and CATIA, CMI RII CATIA V5 needs a local directory. Please create this directory (e.g. "C:\CMI_XMAP") and ensure

- that this directory exists for every CMI RII user and
- that every CMI RII user has full access to it.

Select the path using the Browse button and proceed with Next:

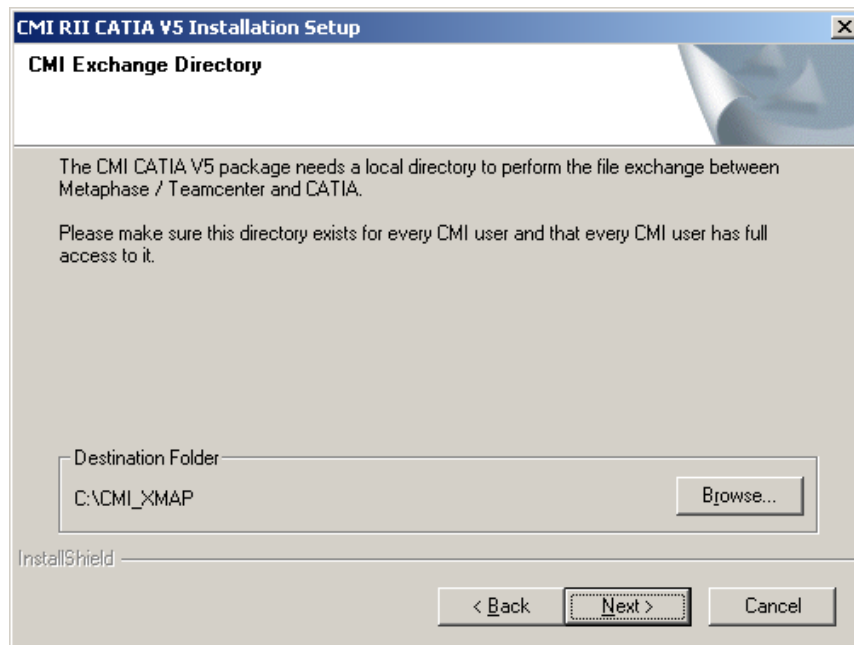


Figure 26: Setup - CMI Exchange Directory

On the next page you will be asked for the folder, where the Teamcenter Rich Client resides (TC_PORTAL_ROOT). The Rich Client folder is usually named "portal" (2-tier client) or "rac" (4-tier client) and contains also the Rich Client start script "portal.bat".



During the Rich Client installation, a line is added to the Rich Client start script where the TC_PORTAL_ROOT is set as an environment variable named “TPR” (which is short for TC_PORTAL_ROOT). Example:

```
set TPR=C:\Programs\Siemens\Teamcenter8\portal
```

Please contact your Teamcenter system administrator to make sure that the selected path is correct. Select the folder using the Browse button and proceed with Next:

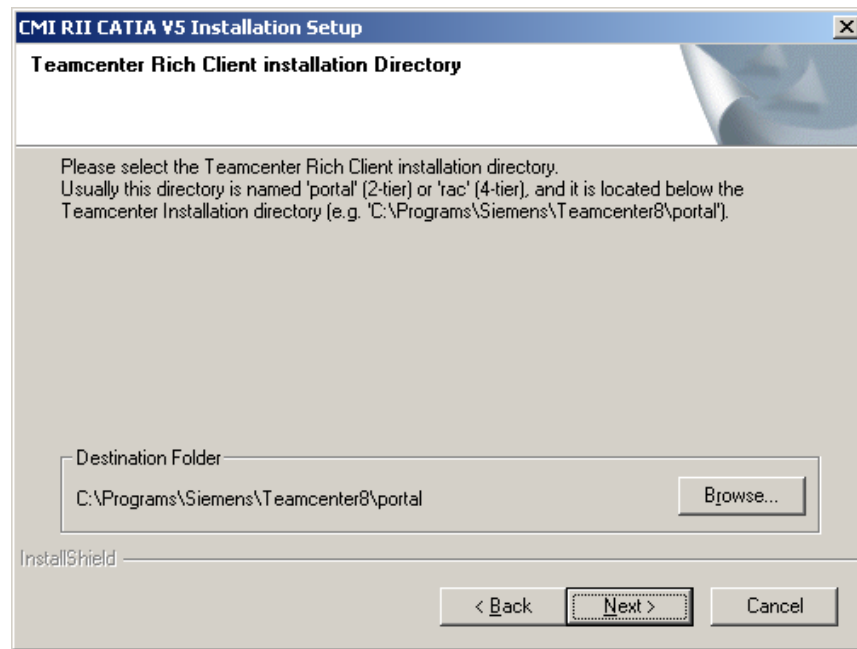


Figure 27: Setup - TC_PORTAL_ROOT Location

Select the Teamcenter Rich Client start file. This is a batch script that is located in the Rich Client folder (the one you have selected in the previous step). The file is usually named “portal.bat”. Please contact your Teamcenter system administrator to make sure that you have selected the correct file. Select the file using the Browse button and proceed with Next:

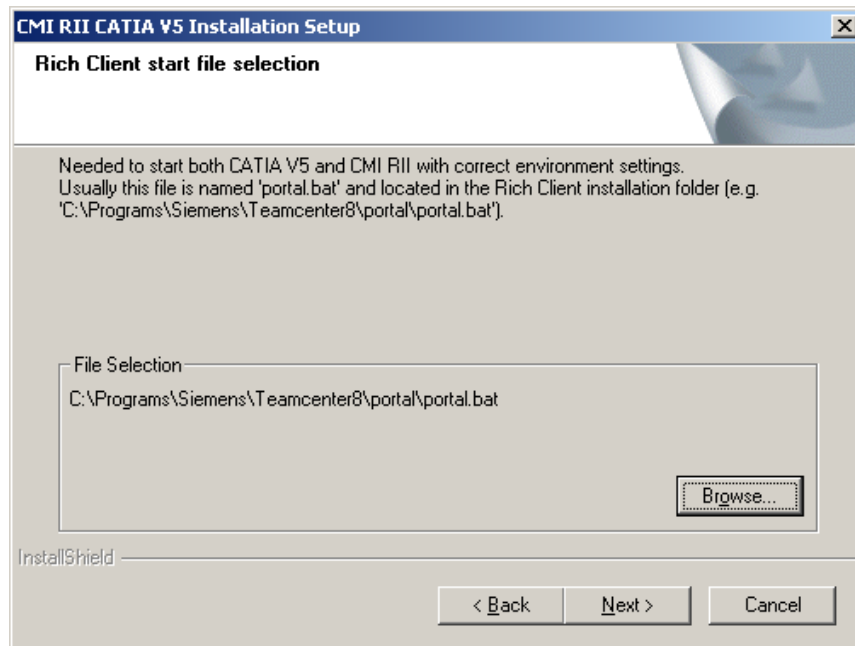


Figure 28: Setup - Teamcenter Rich Client Start Script Selection

During the installation, CMI RII generates a new CATIA environment file, which is based on the currently used CATIA environment file. Please select the currently used CATIA environment file using the Browse button. Proceed with Next:

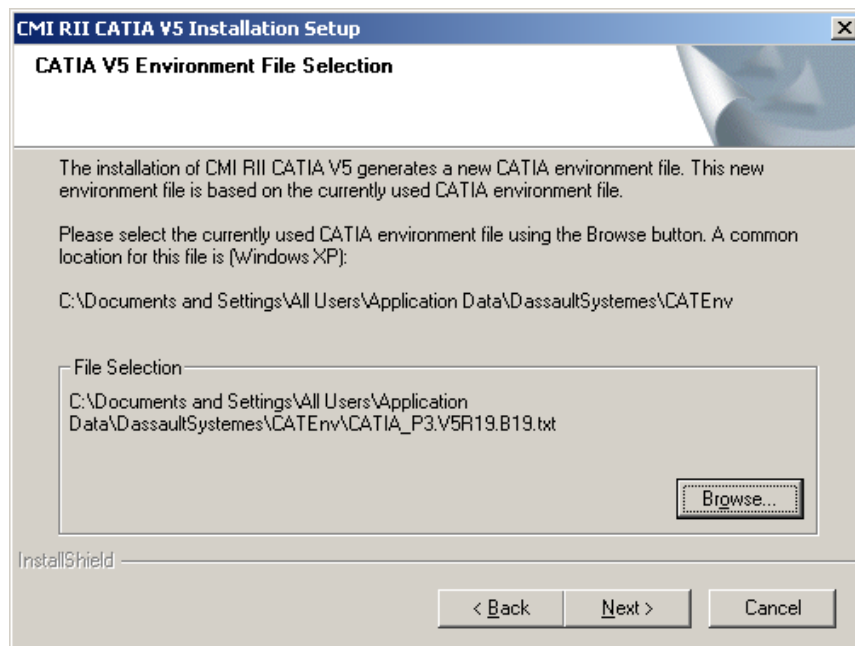


Figure 29: Setup - CATIA V5 Environment File Selection

The Check Setup Information page lists all information which you have entered. If you detect some wrong information, please use the Back button to enter correct information, otherwise start the installation with click on the Next button:

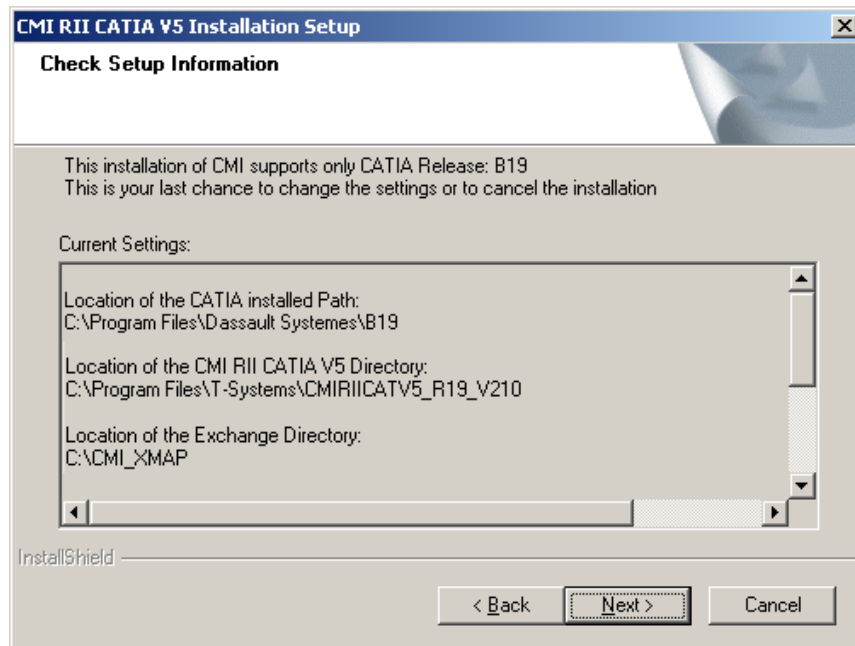


Figure 30: Setup - List of entered information

Once the wizard has successfully completed, click Finish:

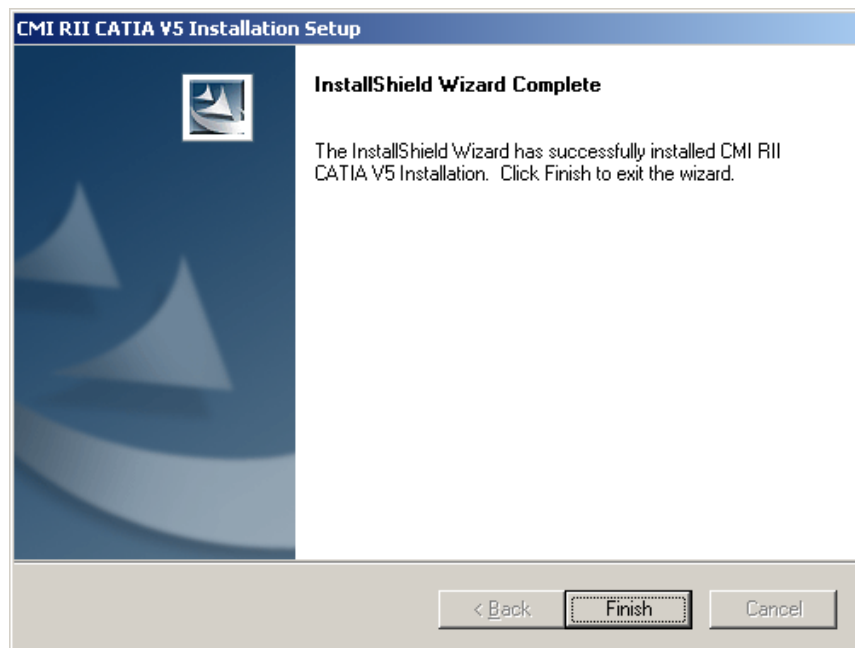


Figure 31: Setup - Finished

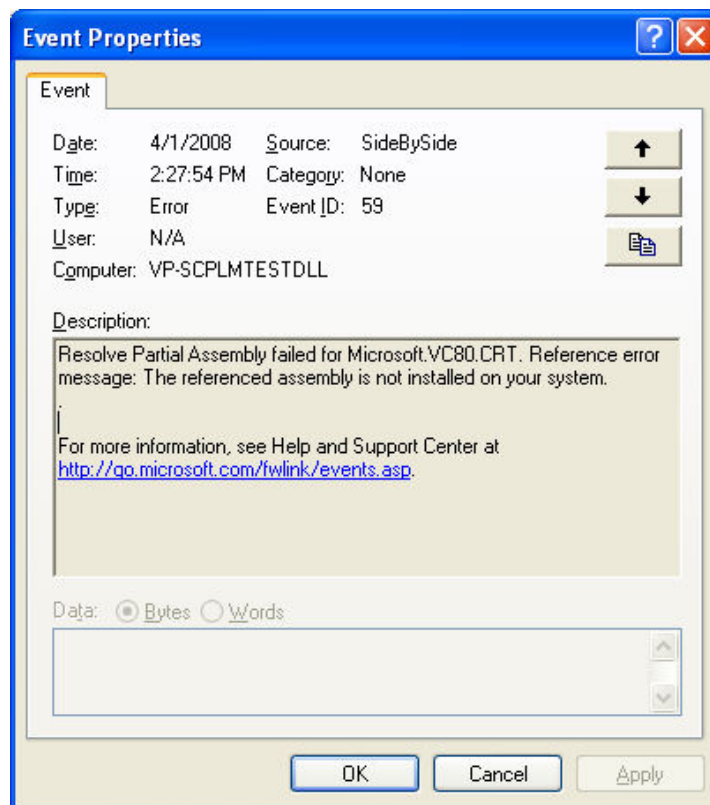
Post-Installation task

By default, the amount of memory, which can be used by the Teamcenter Rich Client, is limited to 512 MB of RAM. This may be not enough to handle large product structures with a huge amount of CAD data. Therefore it is recommended to increase the limit to 1024 MB of RAM or more. This can be done by changing the “-Xmx” parameter in the Teamcenter Rich Client initialization file “Teamcenter.ini”. This step should be performed by your Teamcenter system administrator.

By default, the CMI preferences of the Teamcenter Rich Client are cached. In order to switch off this caching functionality you have to set the environment variable "CMI_CACHE_PREFERENCES" to "OFF".

Troubleshooting R18

If your CMI RII Toolbar does not appear when starting up CATIA V5, please check Windows Event Viewer→System. Check if there is a SideBySide error like this.



This error indicates that you need additional Windows runtime libraries.

You can find these runtimes in one of the following directories:

```
CMIRIICATV5_R18_V220\Windows_Runtime\x64\  
(64 Bit Catia)  
CMIRIICATV5_R18_V220\Windows_Runtime\x86\  
(32 Bit Catia)
```

There are two possibilities to install the new runtime:

Install the runtime libraries into the Windows XP installation (recommended)

This may need system privileges.

For 32-bit CMI RII/CATIA you have to extract the package `vcredist_x86.zip` and execute the setup routine `vcredist_x86\vcredist_x86.exe`

For 64-bit CMI RII/CATIA you have to extract the package `vcredist_x64.zip` and execute the setup routine `vcredist_x64\vcredist_x64.exe`

or

Copy the additional libraries in a sub directory of the CMI RII CATIA V5 installation

For 32-bit CMI RII/CATIA you have to extract the package
Microsoft.VC80_x86.zip. Copy the folder Microsoft.VC80.CRT to the binary
location of the CMI RII CATIA module:

```
<...>\CMIRIICATV5_R18_V220\intel_a\code\bin\Microsoft.VC80.CRT
```

For 64-bit CMI RII/CATIA you have to extract the package
Microsoft.VC80_x64.zip. Copy the folder Microsoft.VC80.CRT to the binary
location of the CMI RII CATIA module:

```
<...>\CMIRIICATV5_R18_V220\win_b64\code\bin\Microsoft.VC80.CRT
```

CATIA V5 R19 already contains the correct runtime libraries.

CATIA V4 Client

The installation of the CATIA V4 module consists of two steps, the configuration, and the installation.

Configuration:

```
> cd /<...>/METAPHSE_5.0.0/install  
> ./configure
```

```
Configuration of CMI CATIA V4  
-----
```

```
The configuration procedure will try to find out installation  
paths and flags. This will not modify anything within your  
system.
```

```
In general we propose to install the complete software in a  
separate directory. The directory should be readable by each  
user. You do not need to have root privileges.  
Press Return to continue
```

```
Which configuration do you want to install?
```

```
1) Classic CMI (Teamcenter Enterprise / OMF Client)  
(default)  
2) CMI RII (Teamcenter Unified Architecture / Rich Client)  
2
```

```
What is your main installation path?  
[/home/catusr/metaphse_5.0.0]:
```

```
To continue the installation of CMI CATIA V4 an  
installation of the T-Systems license manager  
Licman20 is required.
```

```
Note: It is not possible to use multiple licman  
installations on a single machine at the same time.
```

```
Is the T-Systems license manager Licman20 installed Y/[N]  
Y
```

```
Please enter the full path of the Licman20 start  
script.example:  
<licman20 installation directory>/licman20 []:  
/opt/Licman20/bin/licman20
```

Please enter the license information for licman20
(LICMAN_LICENSE_PATH_LLD).

If you use nodelocked licenses please enter the full path of
the license file.

If you use floating licenses please enter
<licman20_port>@<license_server_host>

For more information about LICMAN_LICENSE_PATH_LLD please
refer to the licman20 manual []:
22224@mylicenseserver

Which kind of help visualisation do you prefer? [XPDF | ACROBAT
| NETSCAPE]:

Pay attention: CMI context help is only available with XPDF!
XPDF

Where should binaries go? [/home/catusr/metaphse_5.0.0/bin]:

Where should binaries go? [/home/catusr/metaphse_5.0.0/bin]:

Where should the catia load modul go?
[/home/catusr/metaphse_5.0.0/ etc]:

Where should program data files go?
[/home/catusr/metaphse_5.0.0/data]:

Where should doc files go? [/home/catusr/metaphse_5.0.0/doc]:

Where should example files go?
[/home/catusr/metaphse_5.0.0/examples]:

Where should html- files go?
[/home/catusr/metaphse_5.0.0/htdocs]:

Where should pdf- files go?
[/home/catusr/metaphse_5.0.0/pdfdoc]:

The CATIA EDM Integration includes a CATIA Load Modul (CATIA
EXTENSION). Its name must be unique within your CATIA
installation an can only use 8 characters. You may call it e.g.
EDM, CATEDM, ...

What should be the name of the load modul ? [METAPHSE]:
CMI_RII

CATIA and the EDM system have to exchange CATIA models.
Therefore a user specific directory is needed. You can specify
the name of the subdir. The HOME-Path of the user is always set
as a prefix (e.g. if you specify "maps/catiaexmap" the path
"\$HOME/maps/catiaexmap" is used).

What should be the name of the subdir ? [catiaexmap] :

What is the path and name of your CATIA environment file?
[/catia424/v4r1/prod/START.env]:

/app/catia/cat424/catadm/env/YOUR.env

It is recommended to use a CATIA swap model

Use a CATIA swap model Y|N ? [Y]:

It is recommended to use an empty startmodel

containing the standards of the actual project.
If there is no template defined, CMI CATIA generates an empty model using ISO standards.
What template model for TMPAXIS.model should be used? :

Summary of configuration results

```
CATEDM_ROOT:      /home/catusr/metaphse_5.0.0
CATEDM_ROOT_BIN:  /home/catusr/metaphse_5.0.0/bin
CATEDM_ROOT_ETC:  /home/catusr/metaphse_5.0.0/etc
CATEDM_ROOT_DAT:  /home/catusr/metaphse_5.0.0/data
CATEDM_ROOT_DOC:  /home/catusr/metaphse_5.0.0/doc
CATEDM_ROOT_EXAM: /home/catusr/metaphse_5.0.0/examples
CATEDM_ROOT_PDFDOC: /home/catusr/metaphse_5.0.0/pdfdoc
CATEDM_ROOT_HDOC: /home/catusr/metaphse_5.0.0/htdocs
prefered helper:  XPDF
CATEDM_LOADM:     CMI_RII
CATEDM_EXMAP:     $HOME/catiaexmap
CATEDM_CATIA_ENV: /app/catia/cat424/catadm/env/YOUR.env
CATEDM_LICMAN_VERSION      20
CATEDM_LICMAN_STARTSCRIPT  /opt/Licman20/bin/licman20
CATEDM_LICMAN_LICENSEPATH  22224@mylicenseserver
```

```
configure: creating ./config.status
config.status: creating ./config.env
```

Configuration is finished, you may now check pathes in ./config.env
This pathes are used by the installation procedure.
You may run installation now by typing

```
> install_catedm
```

Installation:

```
./install_catedm
for which architecture do you wish to make this installation?
type one of the following or enter for all:
AIX HP-UX IRIX SunOS :
AIX
```

Installation of the CATIA V4 module for
CMI RII (Teamcenter Unified Architecture / Rich Cilent)
is started now.

This software was developed by T-Systems.

Press return to review your environment
...

CHAPTER 4

Importing CMI RII preferences

The CMI RII application needs several specific preferences. These preferences are provided in an XML files and have to be imported before the first start of the CMI RII application.

To import, locate the folder “CMIRIICATV5_R[xx]_V[xxx]\data\cmirii\preferences\” inside the temporary installation location (created with steps described in chapter 3). Import the files “cmi_preferences.xml” and “cmi_dialog_preferences.xml” using the Teamcenter Rich Client (“Edit” → “Options”) or using the **preferences_manager** utility.

You should perform this step with your Teamcenter system administrator. For more information about preferences, see the Teamcenter *Preferences and Environment Variables Reference*.

CHAPTER 5

Setup the CMI RII icons

The CMI RII application has defined new dataset types in the data model. For these classes you can define the icons. Otherwise the standard icons will be used.

The icons for the data model are included and defined in the file *common.properties* in the directory *com\teamcenter\rac\common* with the common definitions (e.g. *com.teamcenter.rac.common_8000.0.0.jar* for Teamcenter 8). This jar file is stored in the installation path *TC_PORTAL_ROOT\plugins*.

In order to customize the definitions and to use existing or new icons for user classes you have to do the following steps:

In the directory *TC_PORTAL_ROOT\portal\plugins\com.tsystems.cmi.resources_X.Y.Z\com\teamcenter\rac\common* you can find the file *common_user.properties*, where X.Y.Z indicates the version of CMI RII, e.g. "2.2.0".

Figure 32 shows the preconfigured icons in the *common_user.properties* file.

```
# CMI RII icons
# -----

CMI2DGeo.ICON=/images/cmi_2dgeo_16.png
CMI3DGeo.ICON=/images/cmi_3dgeo_16.png
CMICatalog.ICON=/images/cmi_catalog_16.png
CMICacheCGR.ICON=/images/cmi_cachecgr_16.png
CMIAux3DGeo.ICON=/images/cmi_aux3dgeo_16.png
CMIStructure.ICON=/images/cmi_structure_16.png
CMIModOn3Dgeo.ICON=/images/cmi_modon_3dgeo_16.png
CMIModOnStructure.ICON=/images/cmi_modon_structure_16.png
CMIV4Derived.ICON=/images/cmi_v4derived_16.png
```

Figure 32: Setup CMI RII icons

The icons are located in the *TC_PORTAL_ROOT\portal\plugins\com.tsystems.cmi.resources_X.Y.Z\images* directory. X.Y.Z indicates the version of CMI RII, e.g. "2.2.0".

CHAPTER 6

Setup the CMI RII Create dialogs

In the CMI Synchronize an interactive create can be used for items/item revisions and datasets.

The dimension (in pixel) of these dialogs can be customized.

The default values for the Create Item Dialog are: width=500; height=150

The names of the integer preferences have the following format:

“CMICreateItemDialog_” plus the name of the class plus “_Height” respectively “_Width”, where the name of the class can be “Item”, etc.

The default values for the Create Dataset Dialog are: width=500; height=150

The names of the integer preferences have the following format:

“CMICreateDatasetDialog_” plus the name of the class plus “_Height” respectively “_Width”, where the name of the class can be “CMIStructure”, “CMI2DGeo”, etc.

The display names for the classes in the create dialogs can be customized.

In the CMI RII application the following display names are used as default:

```
BasicPanel.LABEL=Basic Information
ItemPanel.LABEL={0} Information
ItemRevisionPanel.LABEL={0} Information
DatasetPanel.LABEL={0} Information

// for the Create Item Dialog
Item.LABEL=Item
ItemRevision.LABEL=Item Revision

// for the Create Dataset Dialog
CMI2DGeo.LABEL=CMI 2D Geo Dataset
CMI3DGeo.LABEL=CMI 3D Geo Dataset
CMIAux3DGeo.LABEL=CMI Auxiliary 3D Geo Dataset
CMICacheCGR.LABEL=CMI Cache CGR Dataset
CMICatalog.LABEL=CMI Catalog Dataset
CMIModOn3DGeo.LABEL=CMI ModOn 3D Geo Dataset
CMIModOnStructure.LABEL=CMI ModOn Structure Dataset
CMIV4Derived.LABEL=CMI V4 Derived Dataset
CMIStructure.LABEL = CMI Structure Dataset# CMI RII icons
```

Figure 33: Default Create Dialog Displays

In order to customize the display names for the classes in the create dialogs you have to do the following change:

In the directory *TC_PORTAL_ROOT/portal/plugins/com.tsystems.cmi.resources_X.Y.Z/com/tsystems/cmi/ui/dialogs* you can find the file *dialogs_locale.properties*, where X.Y.Z indicates the version of CMI RII, e.g. “2.2.0”.

Figure 34 shows a sample configuration of your own classes in the *dialogs_locale.properties* file.

```
// for custom classes

// for the Create Item Dialog for the Classes cus_Part, cus_PartRevision
cus_Part.LABEL=Custom Part
cus_PartRevision.LABEL=Custom Part Revision

// for the Create Dataset Dialog for the Class cus_Dataset
cus_Dataset.LABEL=Custom Dataset
```

Figure 34: Customized Create Dialog Displays

CHAPTER 7

Starting Client Side Components

During client side installation, the install wizard generates two script files: `cmi_start.bat` and `rii_start.bat`. The wizard also generates start menu entries for both files. The files are located in the CMI RII CATIA V5 installation folder (see Chapter 3, step 8).

`cmi_start.bat`

This file starts CMI CATIA V5. The CMI RII CATIA V5 installation wizard creates a shortcut to this file in the start menu: "Start" → "T-Systems" → "CMIRIICATV5_R[xx]_V[xxx]" → "CATIA_START".

`rii_start.bat`

This file starts the CMI RII Teamcenter Rich Client. The CMI RII CATIA V5 installation wizard creates a shortcut to this file in the start menu: "Start" → "T-Systems" → "CMIRIICATV5_R[xx]_V[xxx]" → "CMI_RII_START".

CHAPTER 8

CMI License manager

CMI RII requires licman20 as it's license manager.

For the installation of licman 2.0 please refer to the licman documentation.