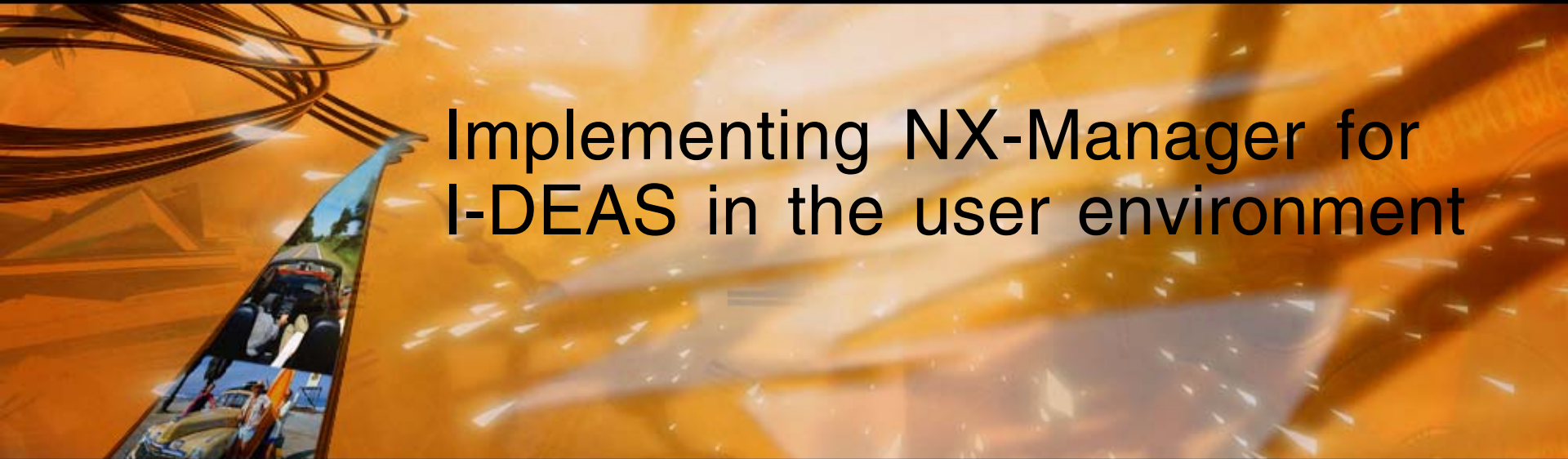




# Implementing NX-Manager for I-DEAS in the user environment

Tord Dennis

Georgia Institute of Technology

[tord.dennis@coe.gatech.edu](mailto:tord.dennis@coe.gatech.edu)

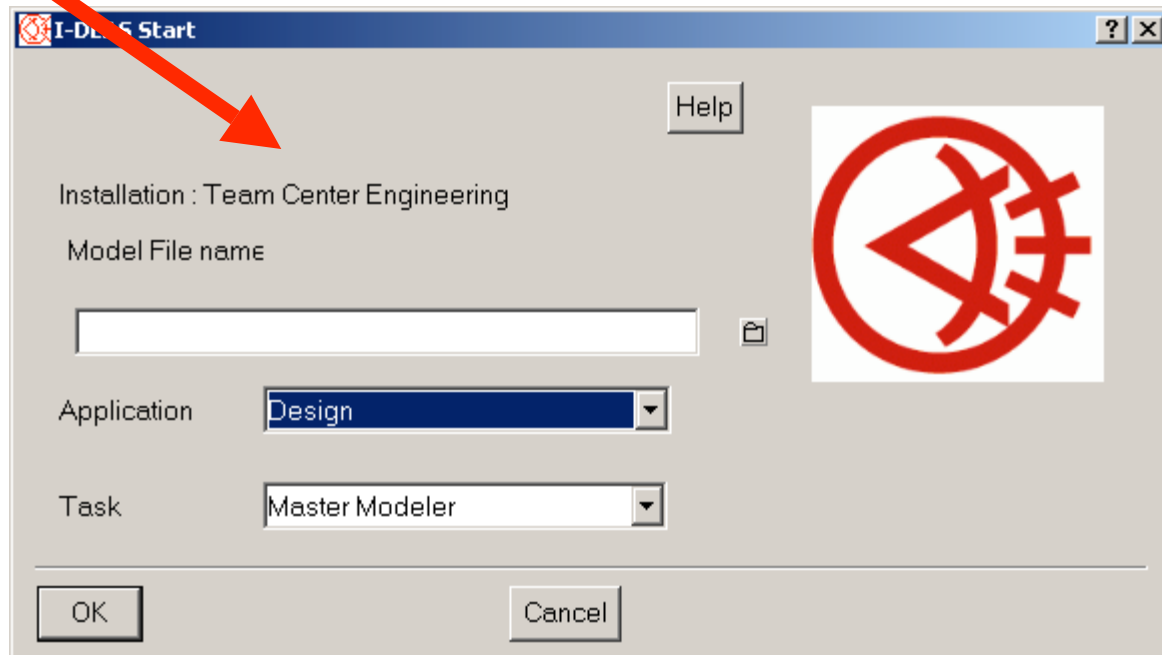
404.894.7752

# Overview

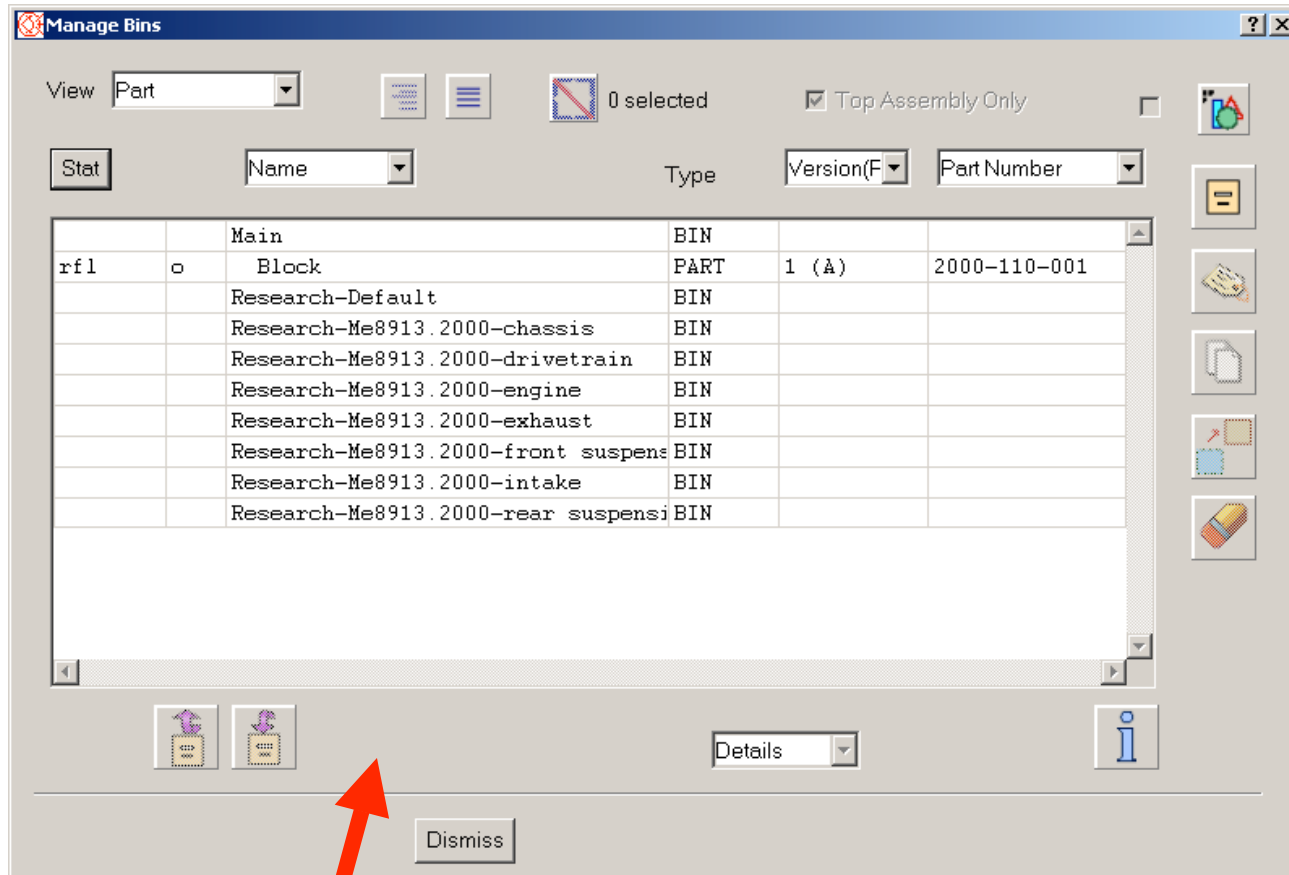
- I-DEAS interface changes
- TCEng interface
- Managing I-DEAS data
- Importing UG data from TCEng
- Supplemental slides for installation & troubleshooting
- Software
  - I-DEAS 10m2
  - TCEng 8.1.1.6
  - NX Manager 2.0

# Start Window

No list of Projects

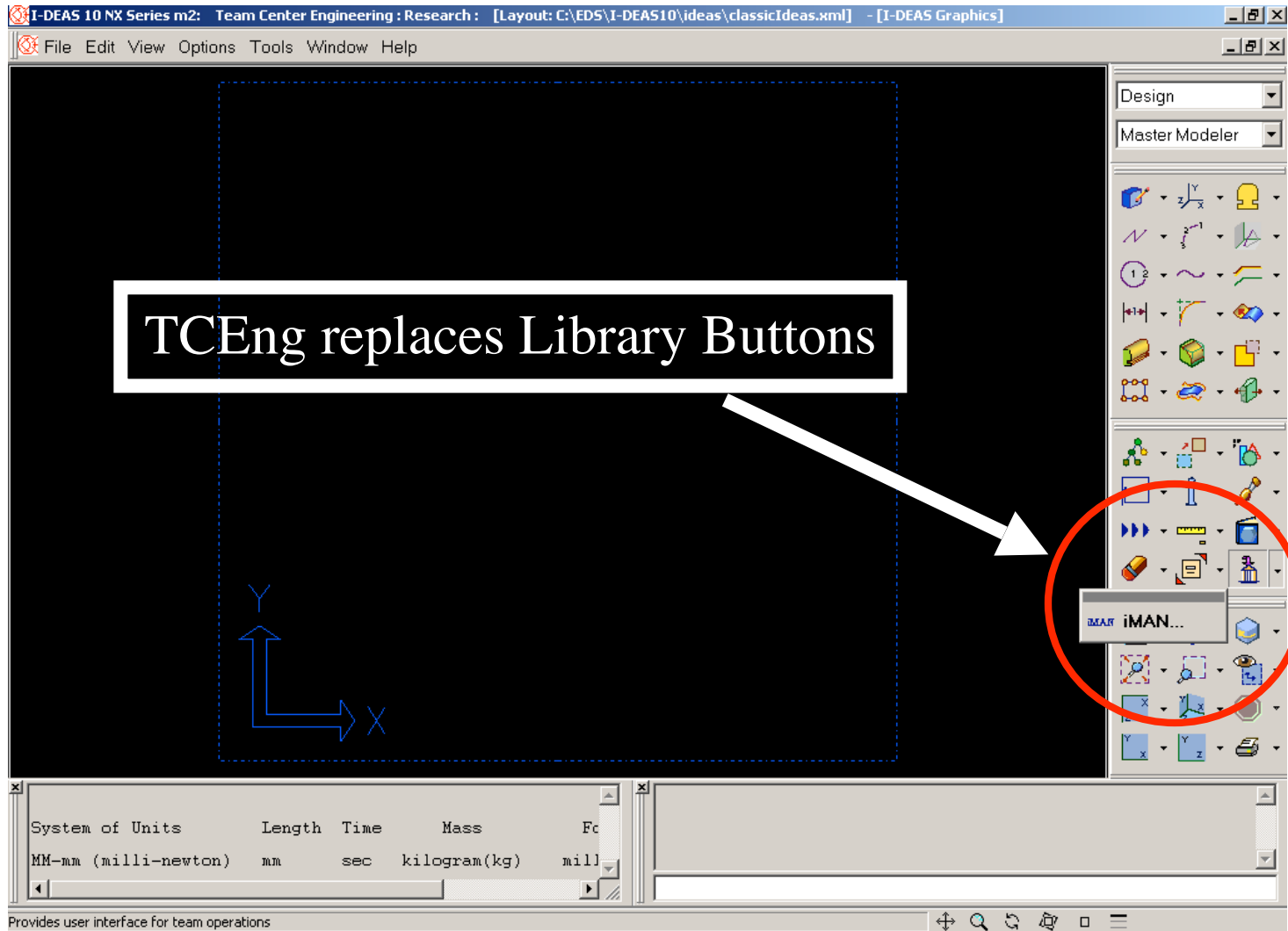


# Manage Bins



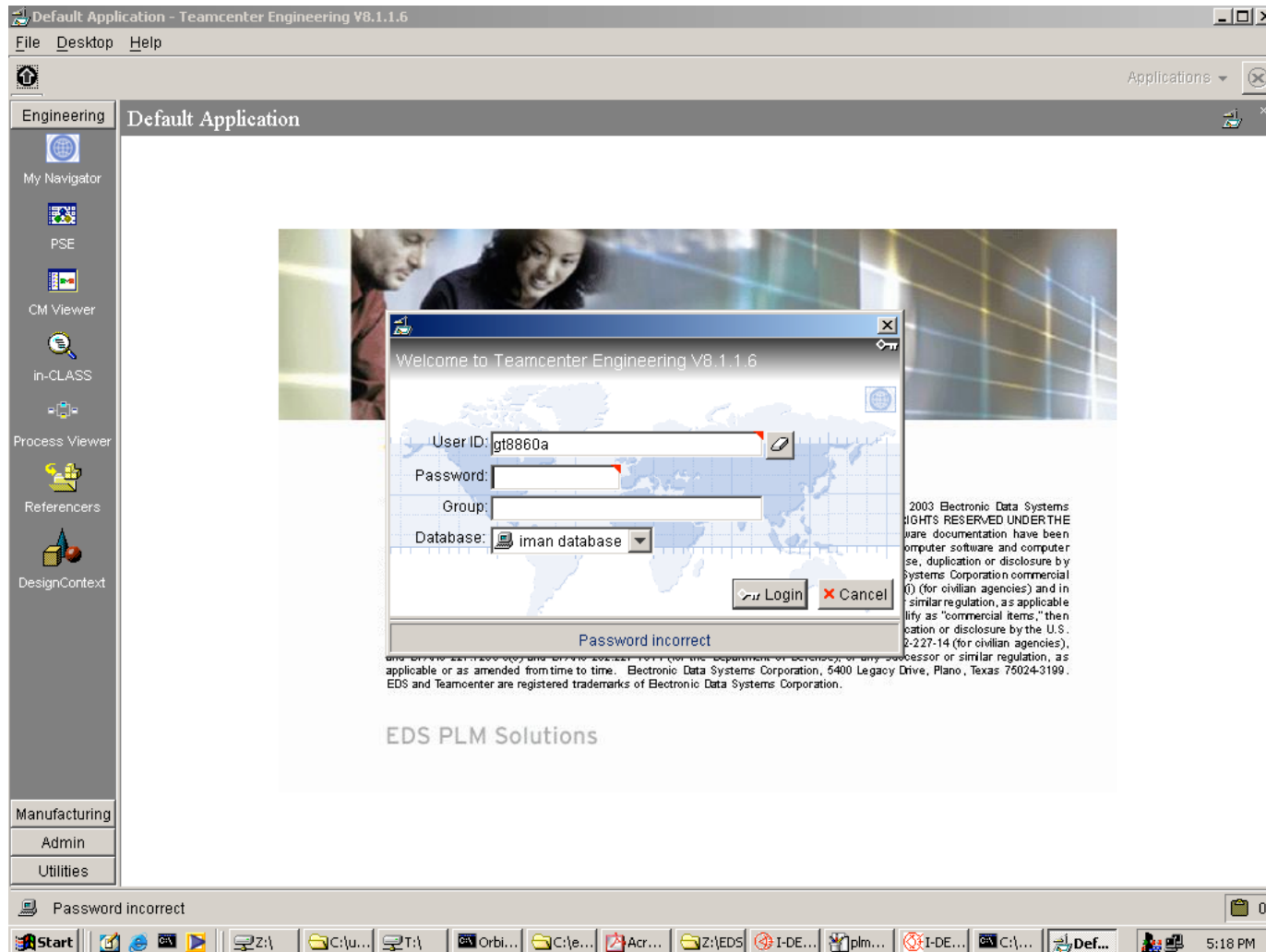
Library function buttons gone

# Starting TCEng



{Icon can be modified, see supplemental slides}

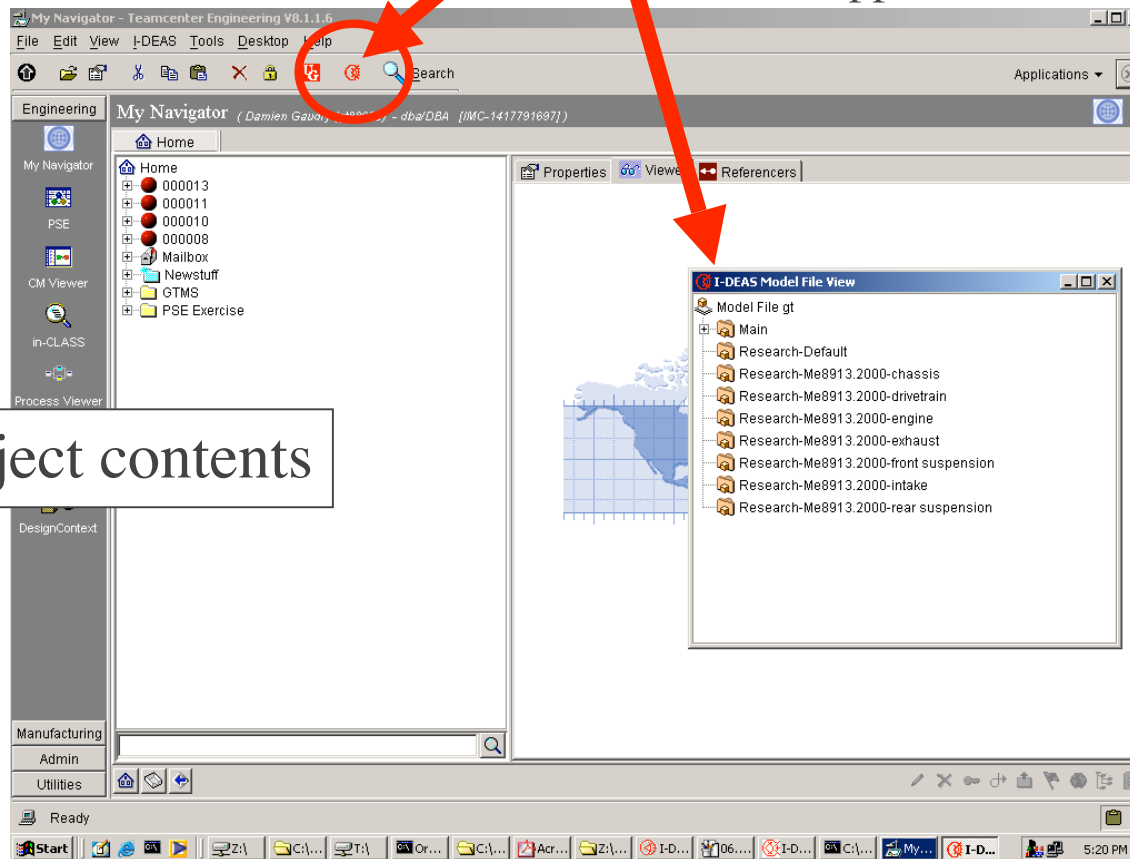
# Starting TCEng



# TCEng Contents

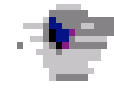
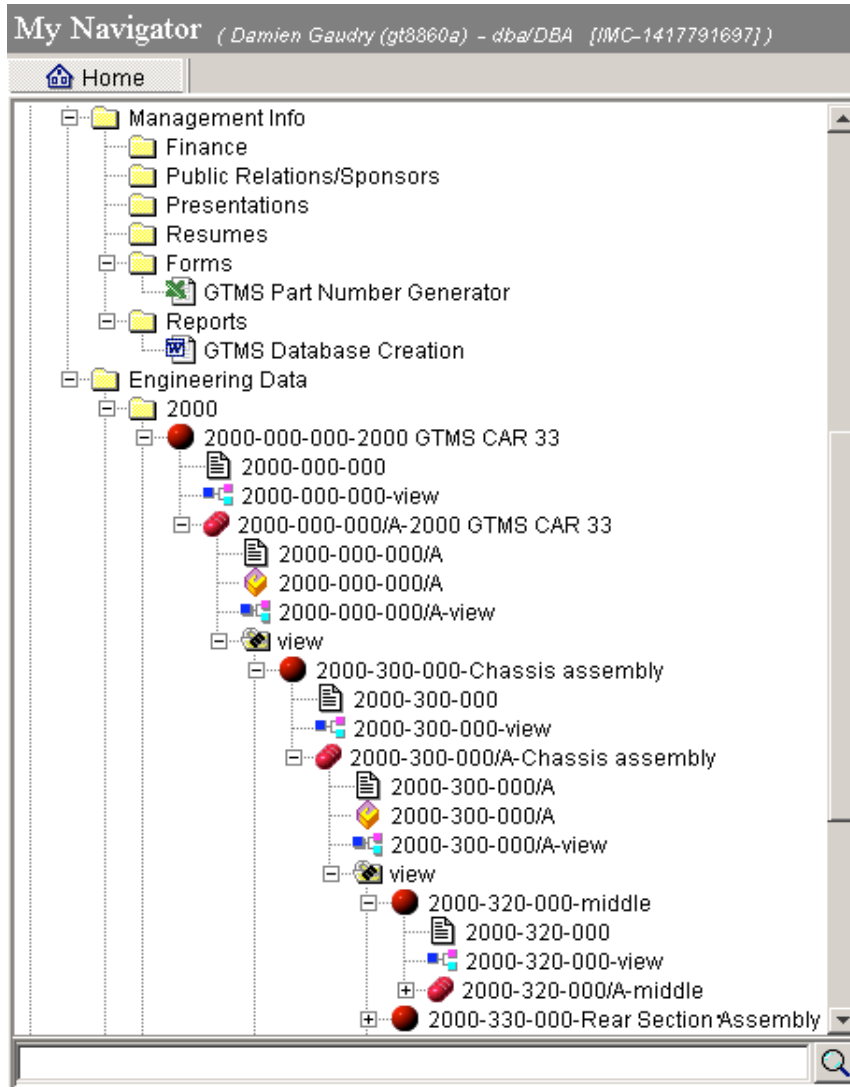
Launches TCEng version of Manage Bins

{Icon controlled by variable in .iman\_env file,  
see supplemental slides}



Project contents

# Sample TCEng database structure



Viewable .jt file



Text document



I-DEAS part



Change information



I-DEAS assembly



BOM object



item (CAD) package)



item revision package)



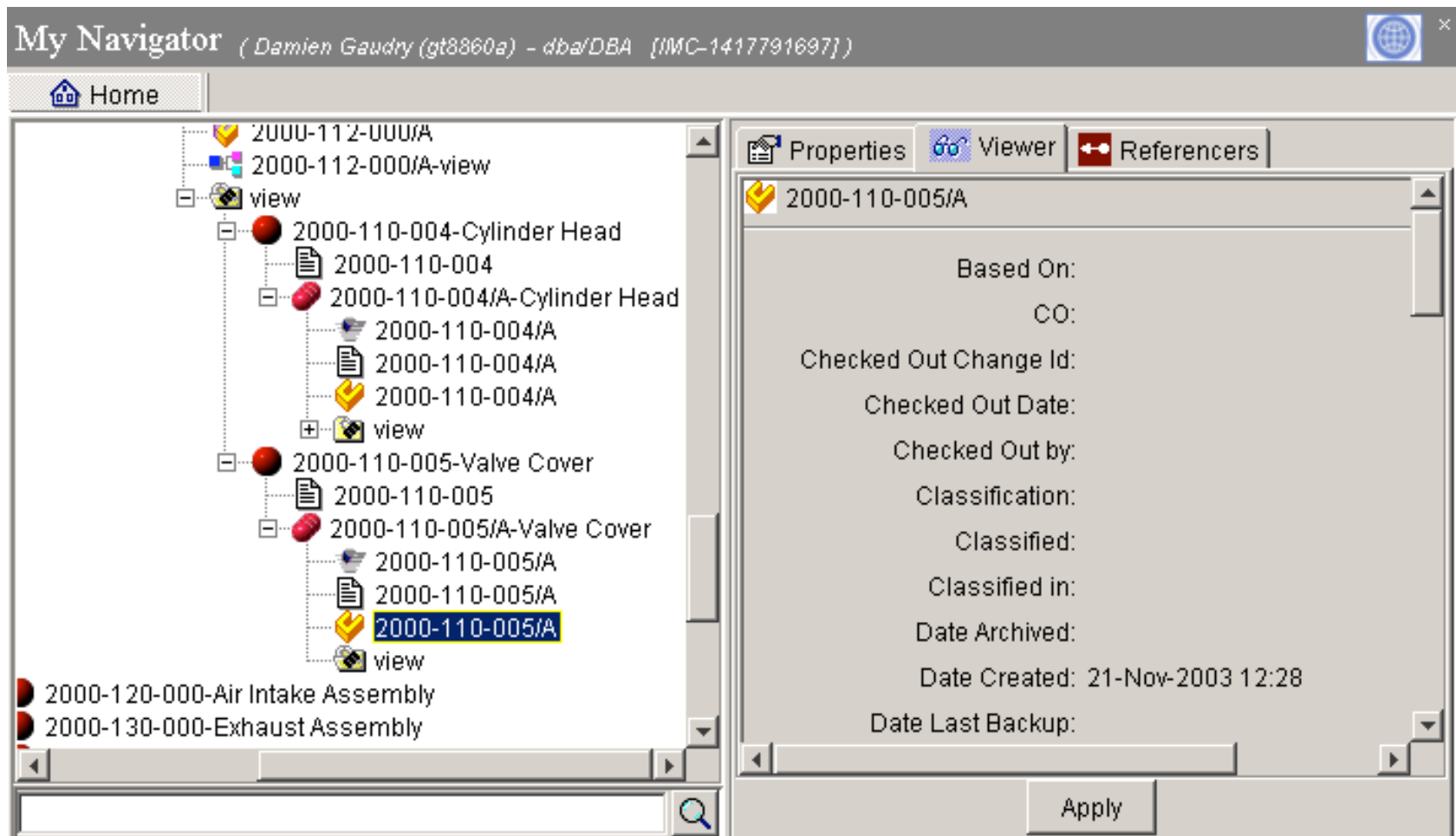
UG part

# File properties

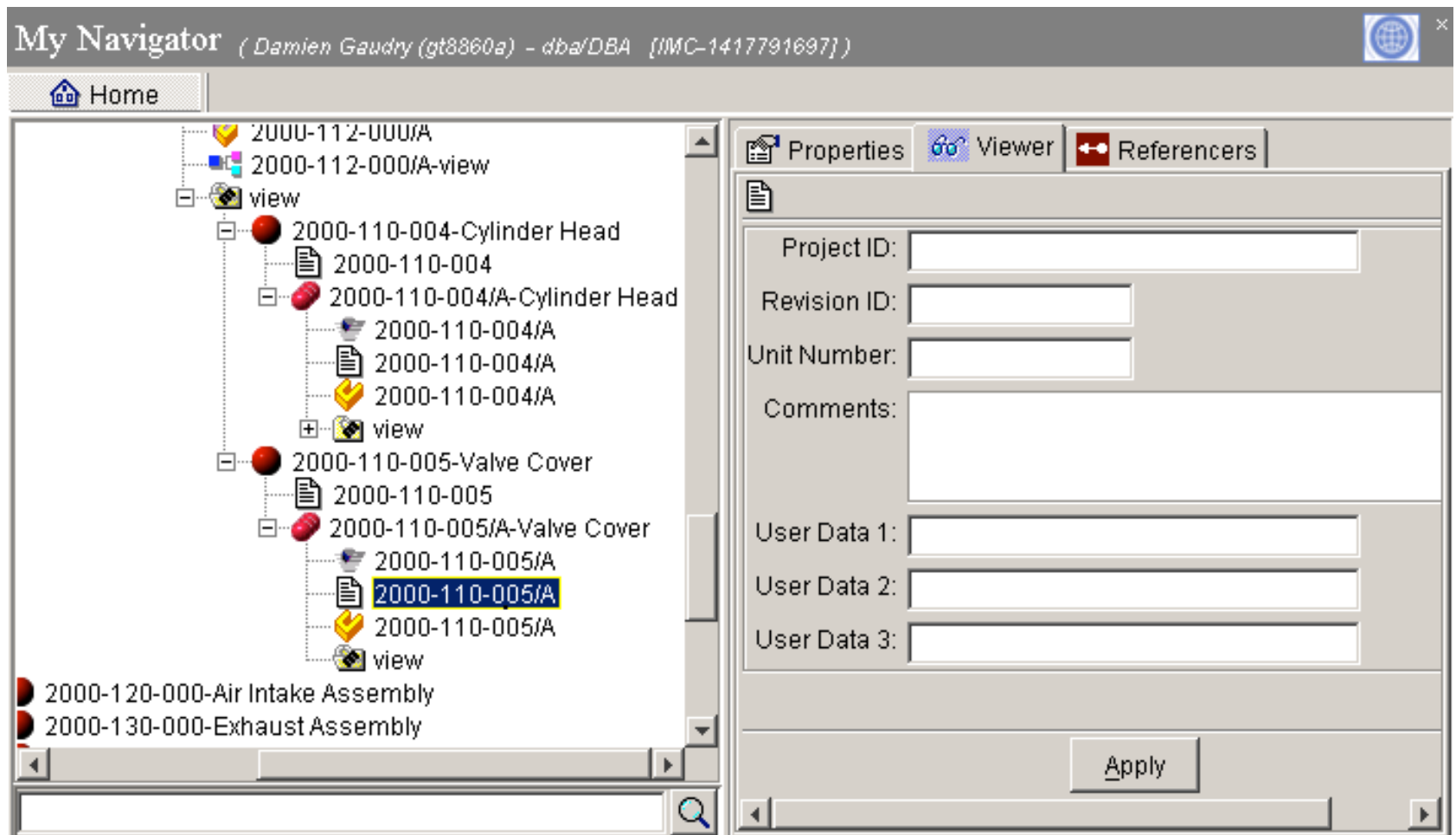
The screenshot displays a CAD software interface with a file tree on the left and a properties panel on the right. The file tree shows a hierarchy starting from 'GTMS' down to '2000-110-004/A-Cylinder Head'. The properties panel shows the 'Contents of: 2000-110-004/A-Cylinder Head' with a table of objects.

| Object         | Type              | Relation      | Owner    | Group ID | Date Modified |
|----------------|-------------------|---------------|----------|----------|---------------|
| 2000-110-004/A | DirectModel       | IMAN_Ren...   | Damie... | dba      | 21-Nov-2003   |
| 2000-110-004/A | ItemRevision M... | IMAN_mast...  | Damie... | dba      | 21-Nov-2003   |
| 2000-110-004/A | IdeasPart         | IMAN_spec...  | Damie... | dba      | 21-Nov-2003   |
| view           |                   | pseudo_fol... |          |          |               |

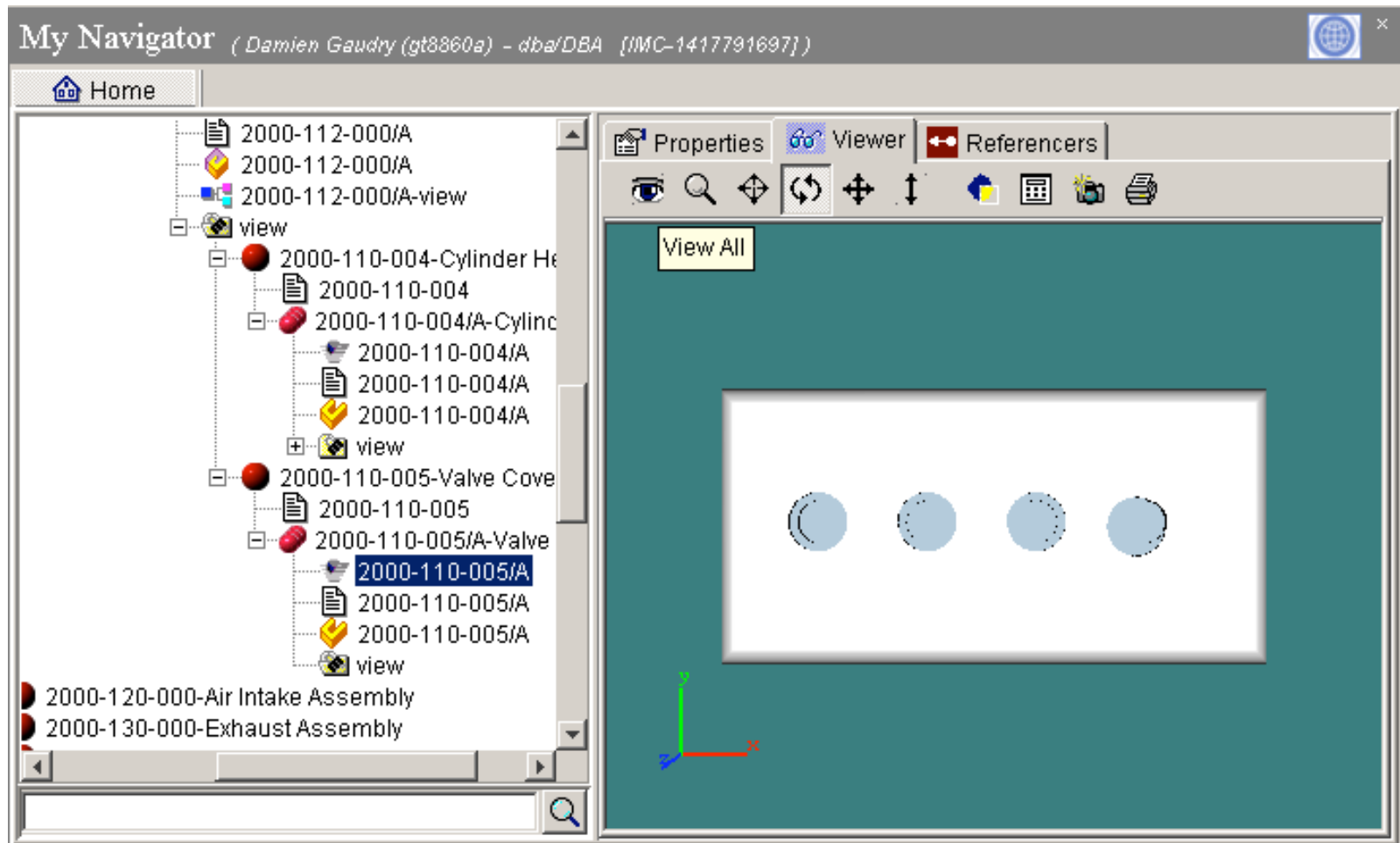
# File properties



# File properties



# File properties



# PSE (Product Structure Editor)

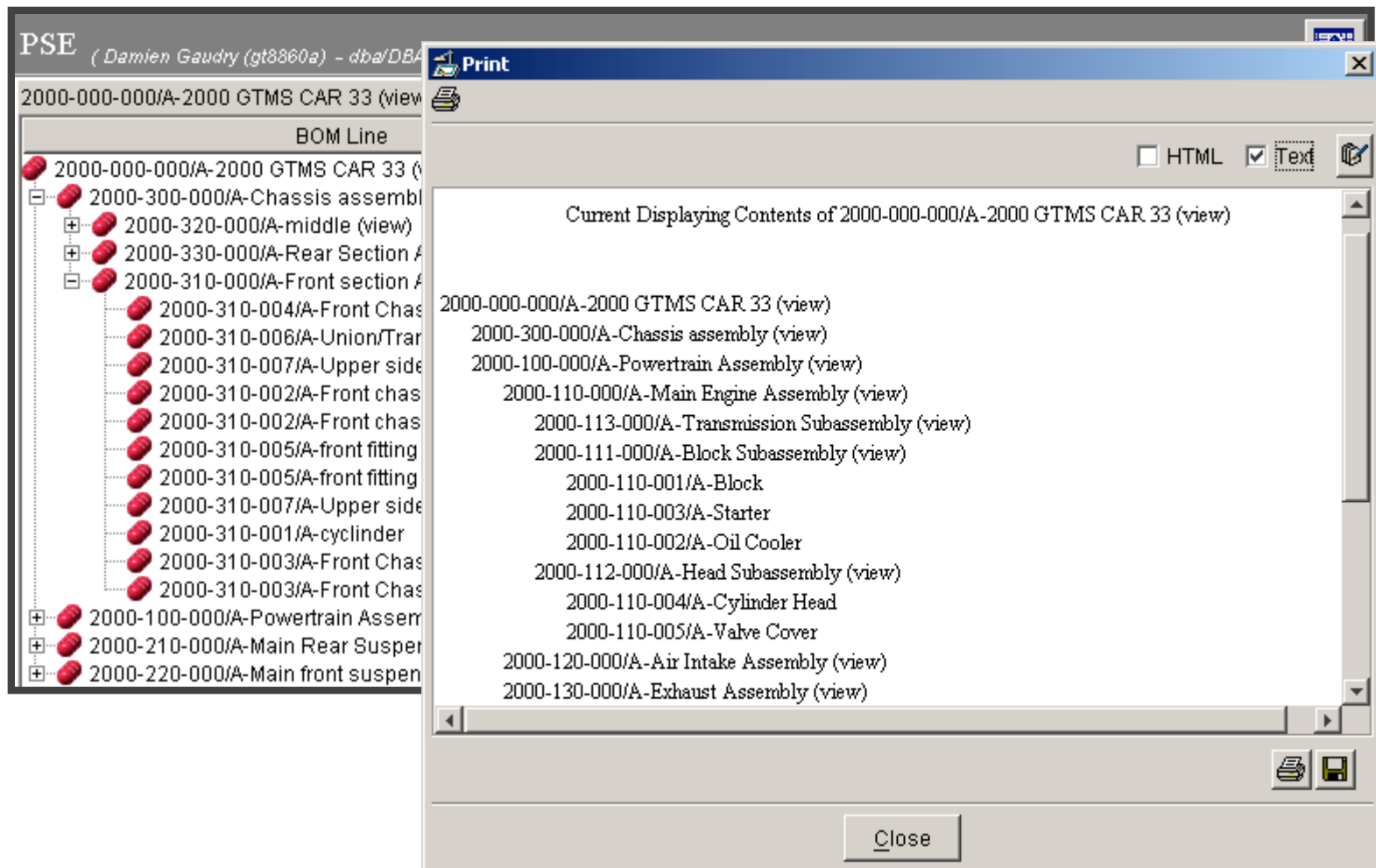
PSE (Damien Gaudry (gt8860a) - dba/DBA [IMC-1417791697])

2000-000-000/A-2000 GTMS CAR 33 (view) - Latest Working - Date - "Now"

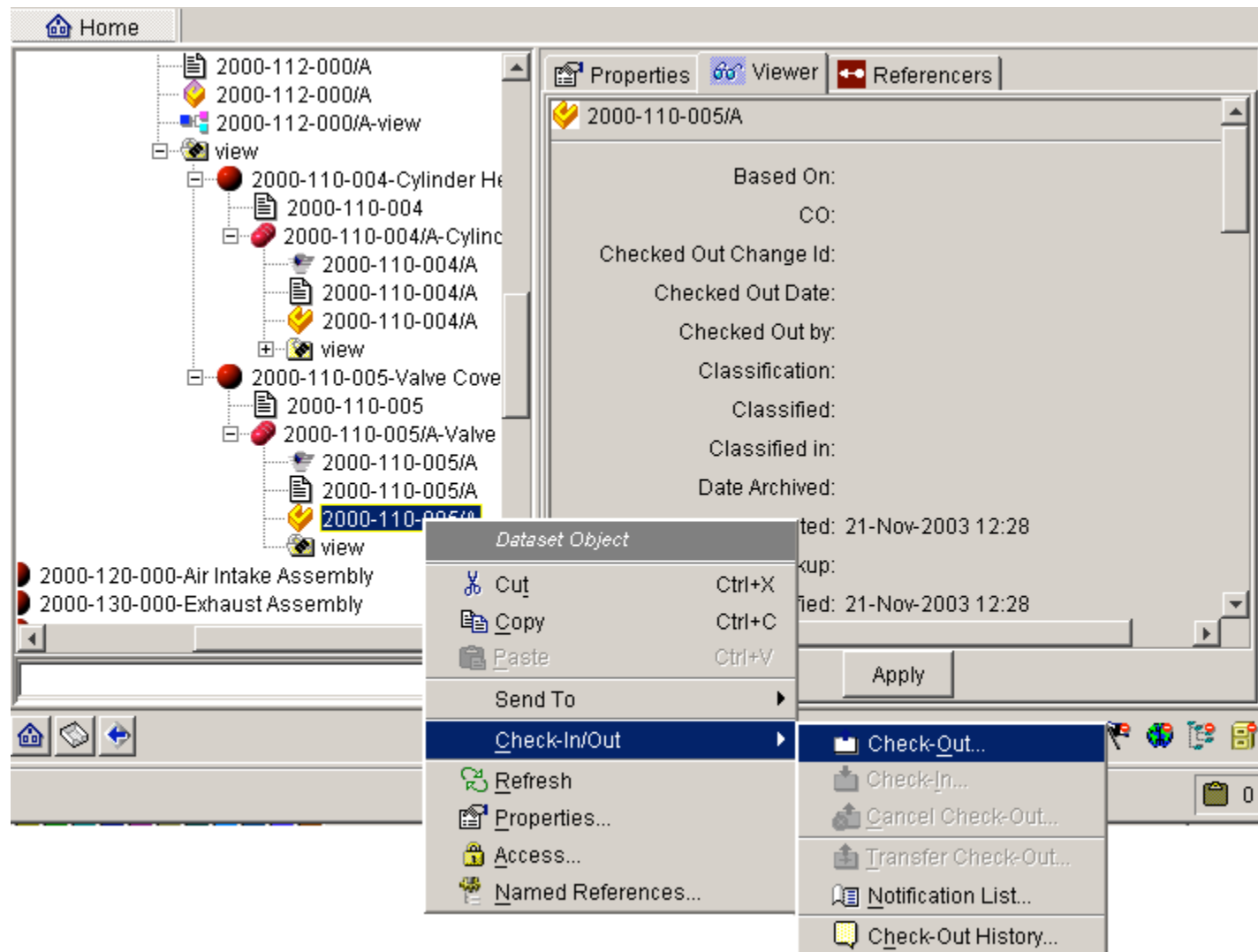
| BOM Line                                             | Rule configure... | Item Rev Status | S... | All Notes        | VO... | HV... |
|------------------------------------------------------|-------------------|-----------------|------|------------------|-------|-------|
| 2000-000-000/A-2000 GTMS CAR 33 (view)               |                   |                 |      |                  | Y     |       |
| 2000-300-000/A-Chassis assembly (view)               | Working( )        |                 | 10   | IDEAS TMTID: 2   | Y     |       |
| 2000-320-000/A-middle (view)                         | Working( )        |                 | 10   | IDEAS TMTID: 9   | Y     |       |
| 2000-330-000/A-Rear Section Assembly (view)          | Working( )        |                 | 20   | IDEAS TMTID: 89  | Y     |       |
| 2000-310-000/A-Front section Assembly (view)         | Working( )        |                 | 30   | IDEAS TMTID: 122 | Y     |       |
| 2000-310-004/A-Front Chassis transverse support      | Working( )        |                 | 10   | IDEAS TMTID: 2   | Y     |       |
| 2000-310-006/A-Union/Transverse Support              | Working( )        |                 | 20   | IDEAS TMTID: 4   | Y     |       |
| 2000-310-007/A-Upper side support Bar                | Working( )        |                 | 30   | IDEAS TMTID: 6   | Y     |       |
| 2000-310-002/A-Front chassis lower support bar       | Working( )        |                 | 40   | IDEAS TMTID: 7   | Y     |       |
| 2000-310-002/A-Front chassis lower support bar       | Working( )        |                 | 50   | IDEAS TMTID: 8   | Y     |       |
| 2000-310-005/A-front fitting                         | Working( )        |                 | 60   | IDEAS TMTID: 9   | Y     |       |
| 2000-310-005/A-front fitting                         | Working( )        |                 | 70   | IDEAS TMTID: 10  | Y     |       |
| 2000-310-007/A-Upper side support Bar                | Working( )        |                 | 80   | IDEAS TMTID: 11  | Y     |       |
| 2000-310-001/A-cyclinder                             | Working( )        |                 | 90   | IDEAS TMTID: 13  | Y     |       |
| 2000-310-003/A-Front Chassis Middle support bar      | Working( )        |                 | 100  | IDEAS TMTID: 16  | Y     |       |
| 2000-310-003/A-Front Chassis Middle support bar      | Working( )        |                 | 110  | IDEAS TMTID: 17  | Y     |       |
| 2000-100-000/A-Powertrain Assembly (view)            | Working( )        |                 | 20   | IDEAS TMTID: 118 | Y     |       |
| 2000-210-000/A-Main Rear Suspension Assembly (view)  | Working( )        |                 | 30   | IDEAS TMTID: 645 | Y     |       |
| 2000-220-000/A-Main front suspension Assembly (view) | Working( )        |                 | 40   | IDEAS TMTID: 860 | Y     |       |

{note, assembly .jt are not automatically created}

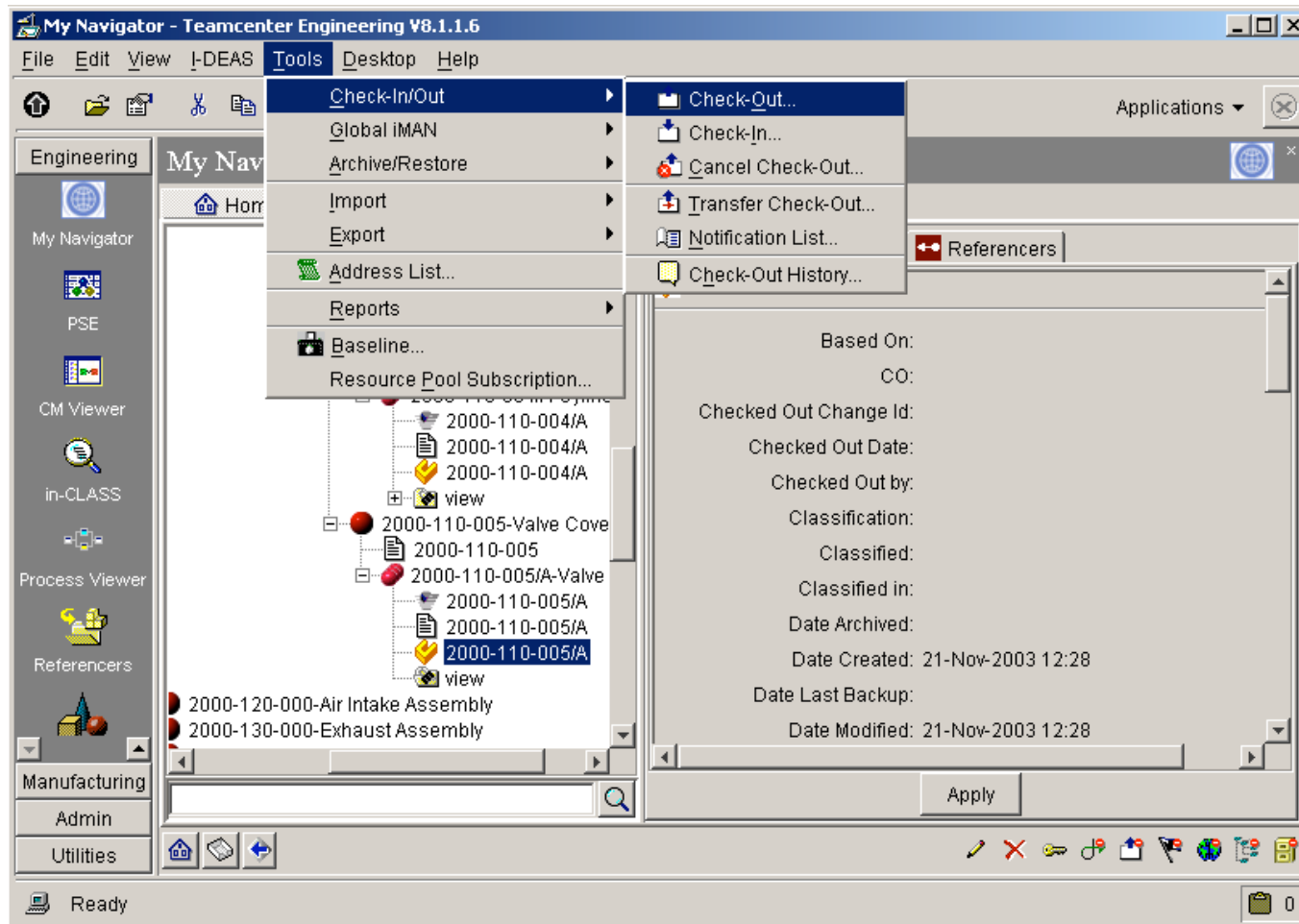
# PSE – Bill of Materials



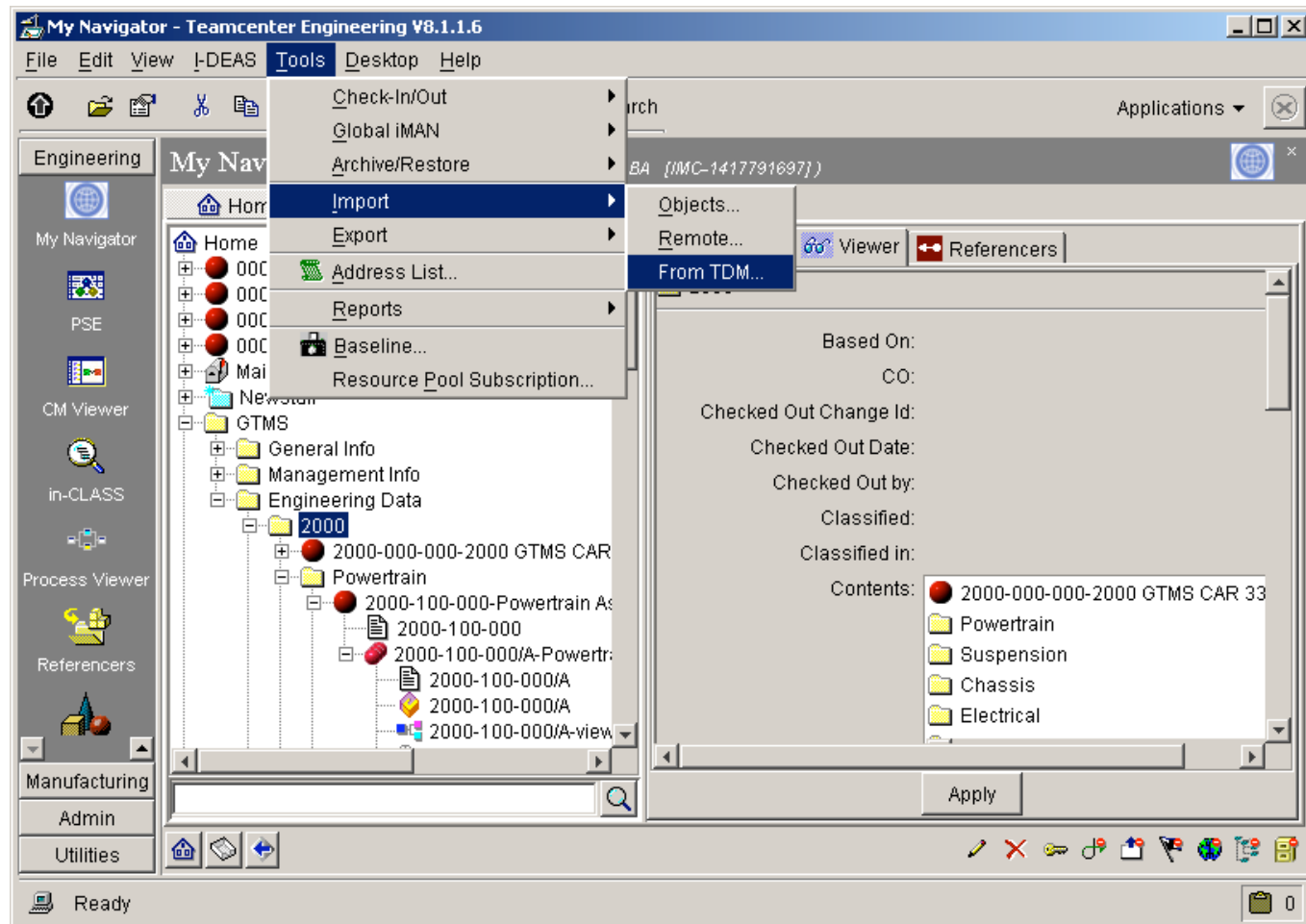
# File management in TCEng



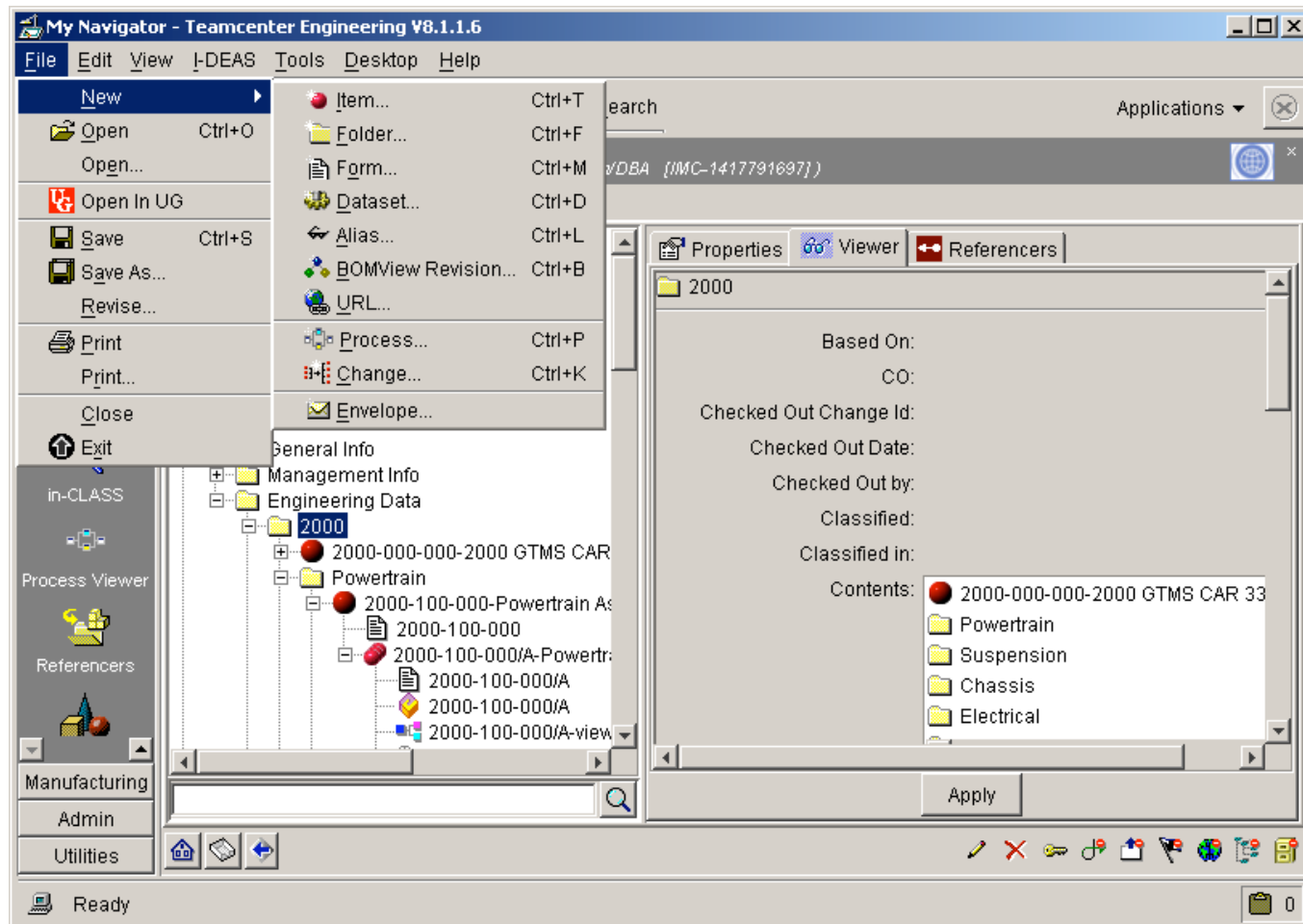
# File management in TCEng



# File management in TCEng



# File management in TCEng



# Check-In parts

**Manage Bins** [?] [X]

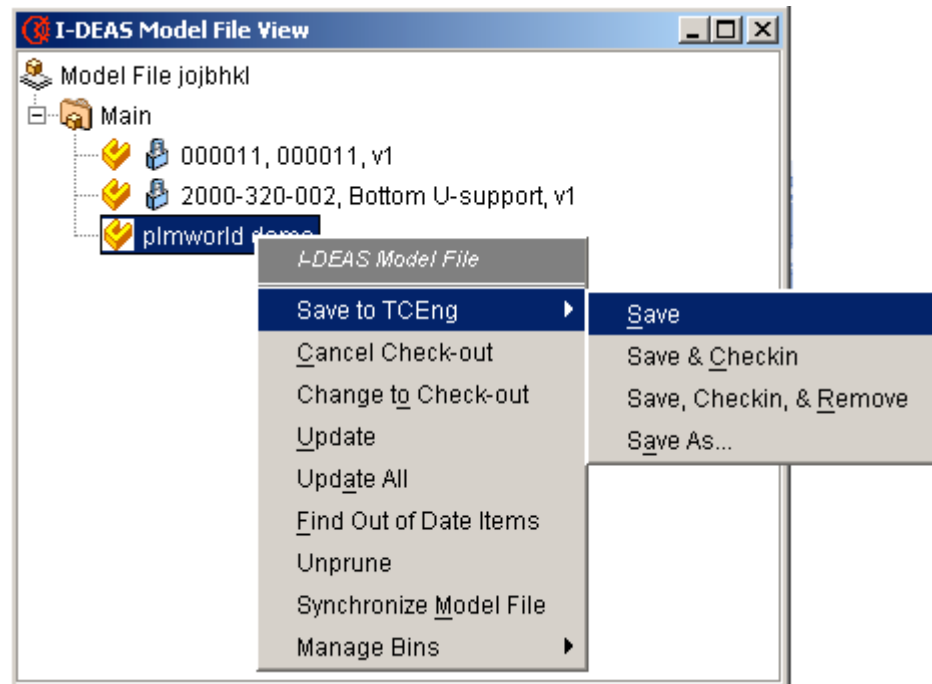
View:  [icon] [icon] [icon] 0 selected ☒ Top Assembly Only [icon]

|     |                       | Main             | BIN  |       |              |
|-----|-----------------------|------------------|------|-------|--------------|
| rfl |                       | 000011           | PART | 1 (A) | 000011       |
| rfl | <input type="radio"/> | Bottom U-support | PART | 1 (A) | 2000-320-002 |
|     | <input type="radio"/> | plmworld demo    | PART |       |              |

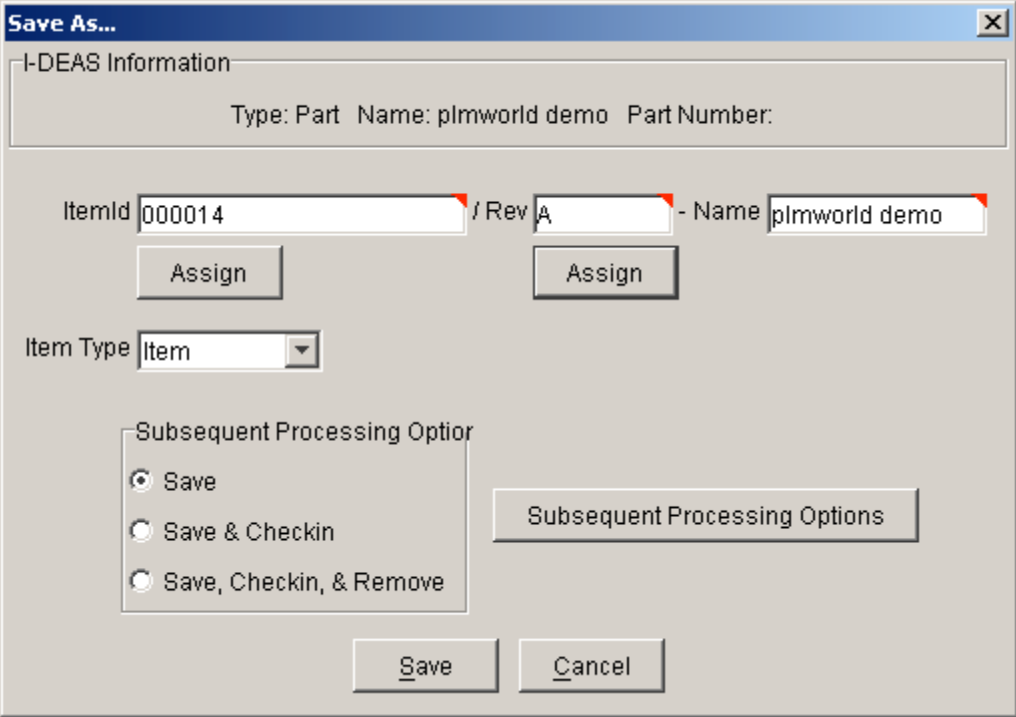
[icon] [icon] [icon] [icon] [icon] [icon] [icon] [icon]

[icon]

# Check-In parts



# Check-In parts



The image shows a 'Save As...' dialog box from the I-DEAS software. The title bar is blue with a close button. The main area is light gray. At the top, there's a section labeled 'I-DEAS Information' with a text box containing 'Type: Part Name: plmworld demo Part Number:'. Below this, there are three text boxes: 'ItemId' with '000014', 'Rev' with 'A', and 'Name' with 'plmworld demo'. Each of these text boxes has an 'Assign' button below it. Below the 'Assign' buttons is a dropdown menu for 'Item Type' with 'Item' selected. At the bottom, there's a group box labeled 'Subsequent Processing Option' containing three radio buttons: 'Save' (selected), 'Save & Checkin', and 'Save, Checkin, & Remove'. To the right of this group box is a button labeled 'Subsequent Processing Options'. At the very bottom are 'Save' and 'Cancel' buttons.

Save As...

I-DEAS Information

Type: Part Name: plmworld demo Part Number:

ItemId 000014 / Rev A - Name plmworld demo

Assign Assign

Item Type Item

Subsequent Processing Option

☒ Save  
☐ Save & Checkin  
☐ Save, Checkin, & Remove

Subsequent Processing Options

Save Cancel

# Check-In parts

The screenshot displays the I-DEAS software interface. The 'Manage Bins' dialog is open, showing a table of parts. The 'View' is set to 'Part'. The 'Top Assembly Only' checkbox is checked. The table lists three parts: '000011', '2000-320-002', and '000014'. The 'I-DEAS Model File View' window is also open, showing a tree structure of the model file 'jojbhkl'. The tree shows a 'Main' folder containing three sub-items: '000011, 000011, v1', '2000-320-002, Bottom U-support, v1', and '000014, pl...'. A red arrow points from a red box containing three blue cube icons to the '000014, pl...' item in the tree.

**Manage Bins**

View: Part

0 selected

☒ Top Assembly Only

Stat: Name: Type: Version(F): Part Number:

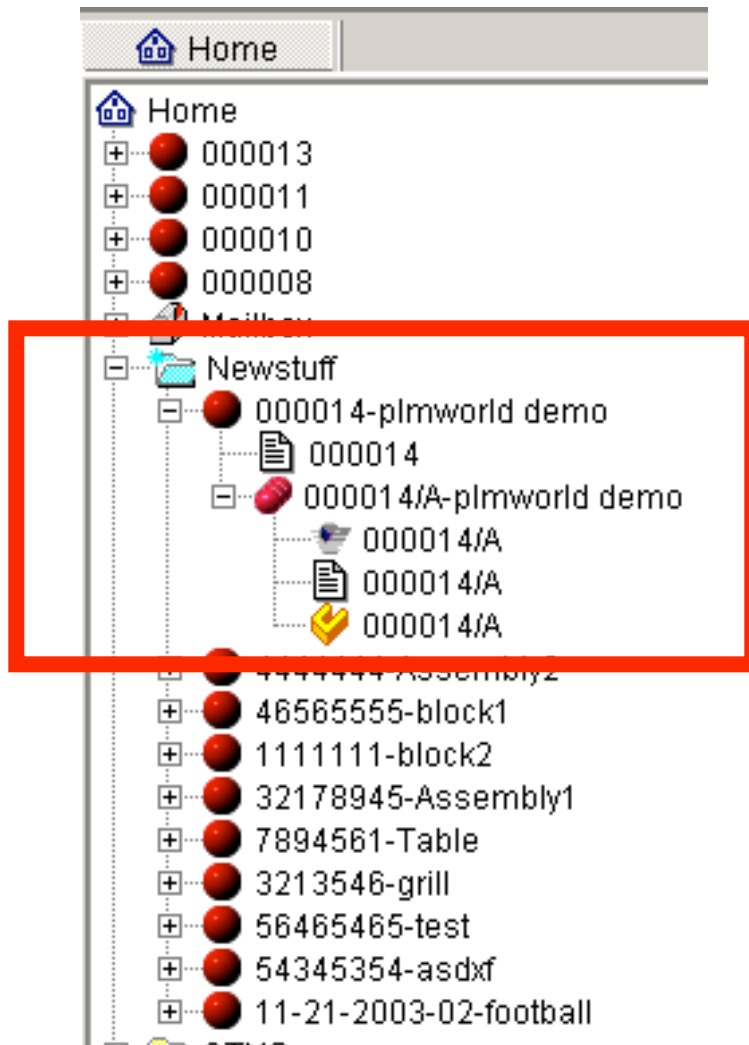
|     |   | Main             | BIN  |       |              |
|-----|---|------------------|------|-------|--------------|
| rfl |   | 000011           | PART | 1 (A) | 000011       |
| rfl | o | Bottom U-support | PART | 1 (A) | 2000-320-002 |
| Ck  | o | plmworld demo    | PART | 2 (A) | 000014       |

**I-DEAS Model File View**

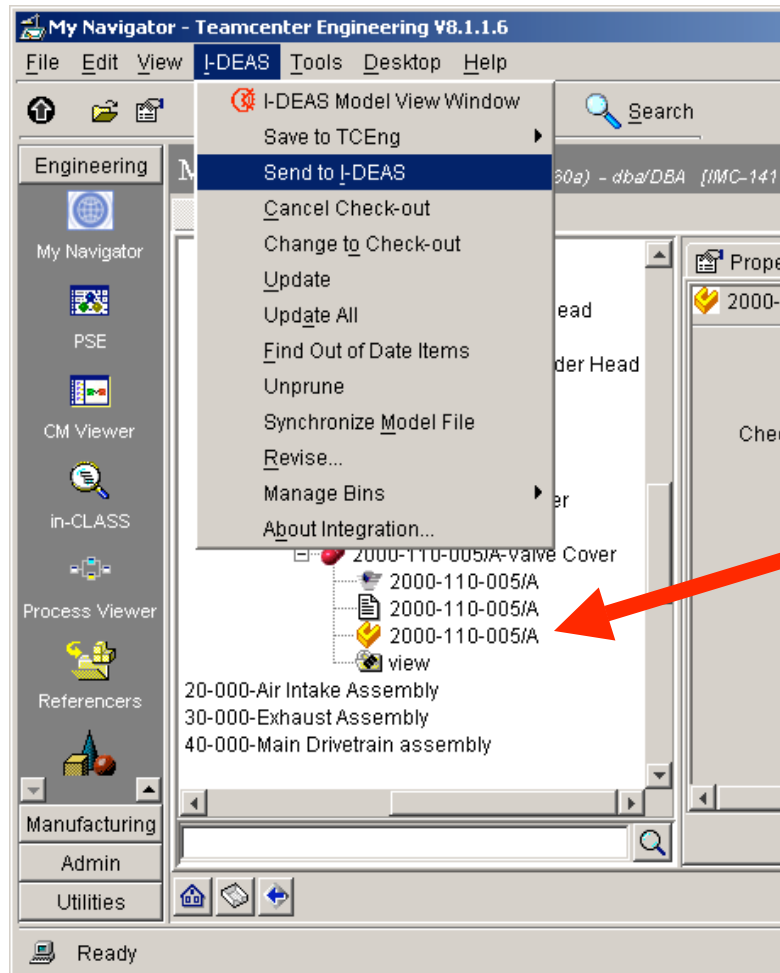
Model File jojbhkl

- Main
  - 000011, 000011, v1
  - 2000-320-002, Bottom U-support, v1
  - 000014, pl...

# Check-In parts



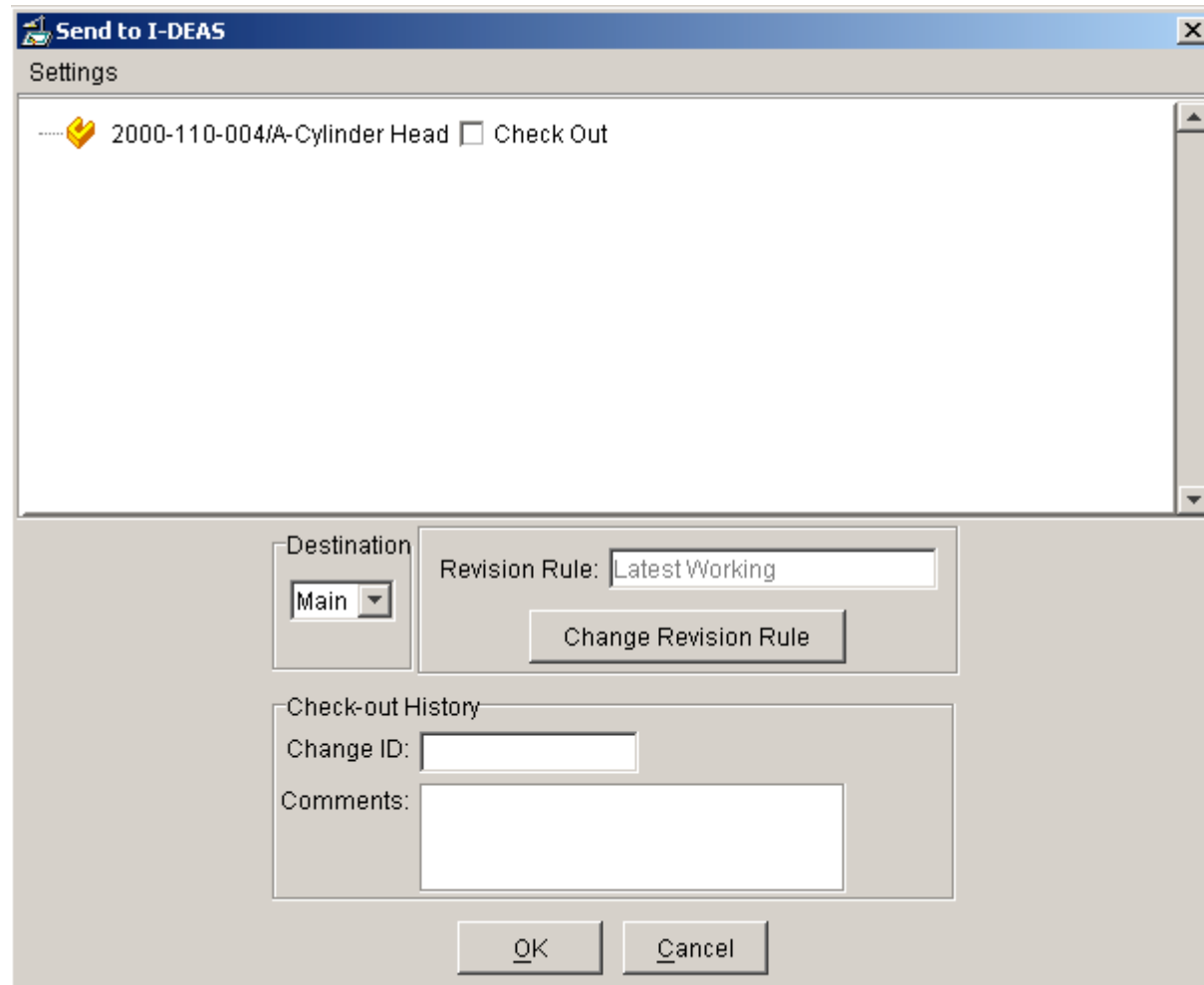
# Checking-Out parts



Or double-click



# Checking-Out parts



The image shows a Windows-style dialog box titled "Send to I-DEAS". It has a "Settings" section with a list box containing one item: "2000-110-004/A-Cylinder Head" with a small yellow cube icon to its left and an unchecked "Check Out" checkbox to its right. Below the list box are three sections: "Destination" with a dropdown menu set to "Main"; "Revision Rule" with a text box containing "Latest Working" and a "Change Revision Rule" button; and "Check-out History" with a "Change ID:" text box and a larger "Comments:" text box. At the bottom are "OK" and "Cancel" buttons.

**Send to I-DEAS**

Settings

.....  2000-110-004/A-Cylinder Head ☐ Check Out

Destination: Main

Revision Rule: Latest Working

Change Revision Rule

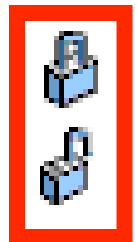
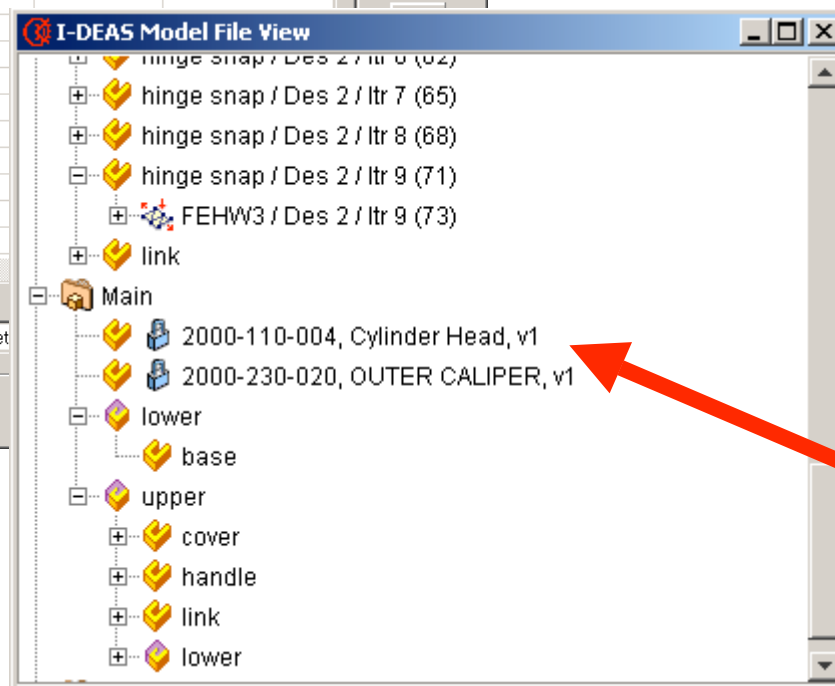
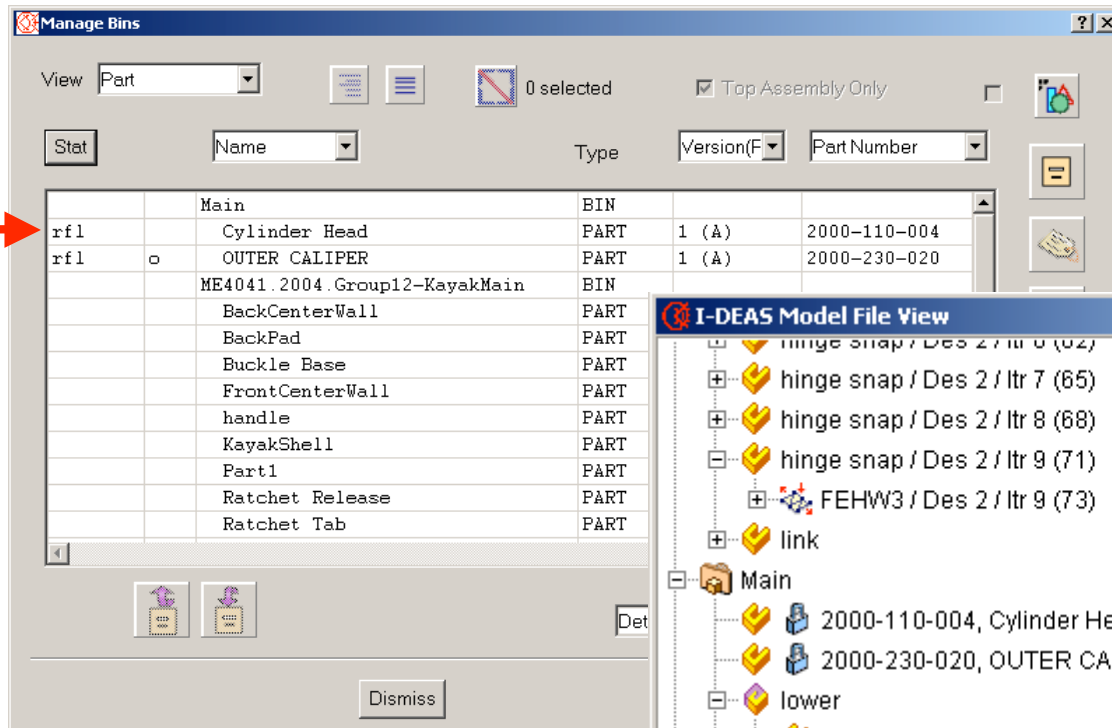
Check-out History

Change ID:

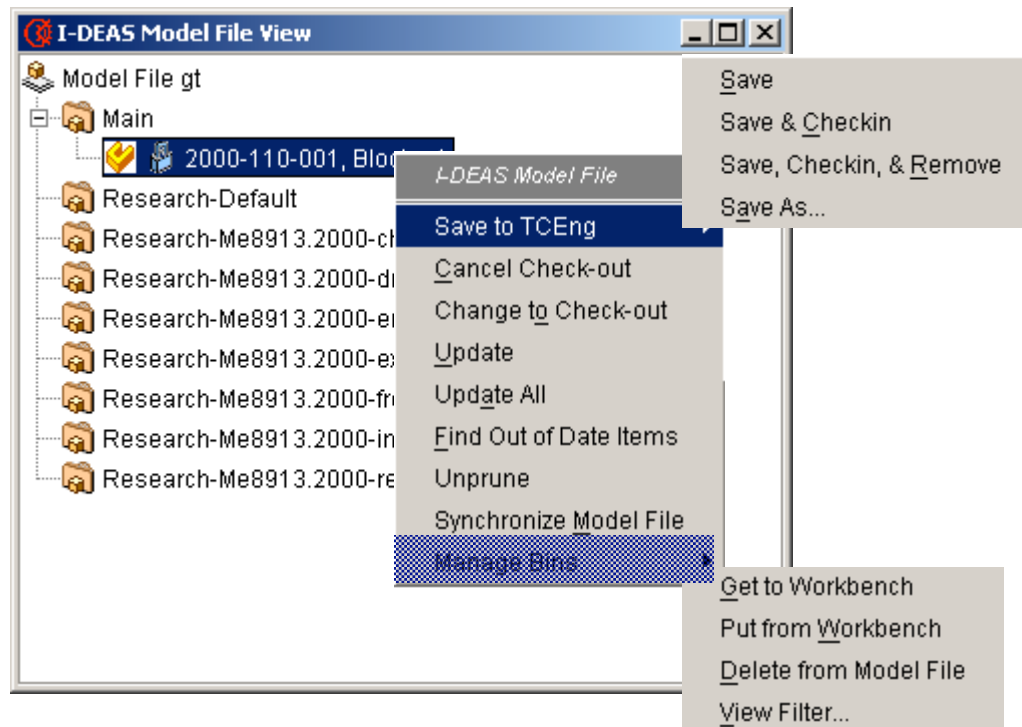
Comments:

OK Cancel

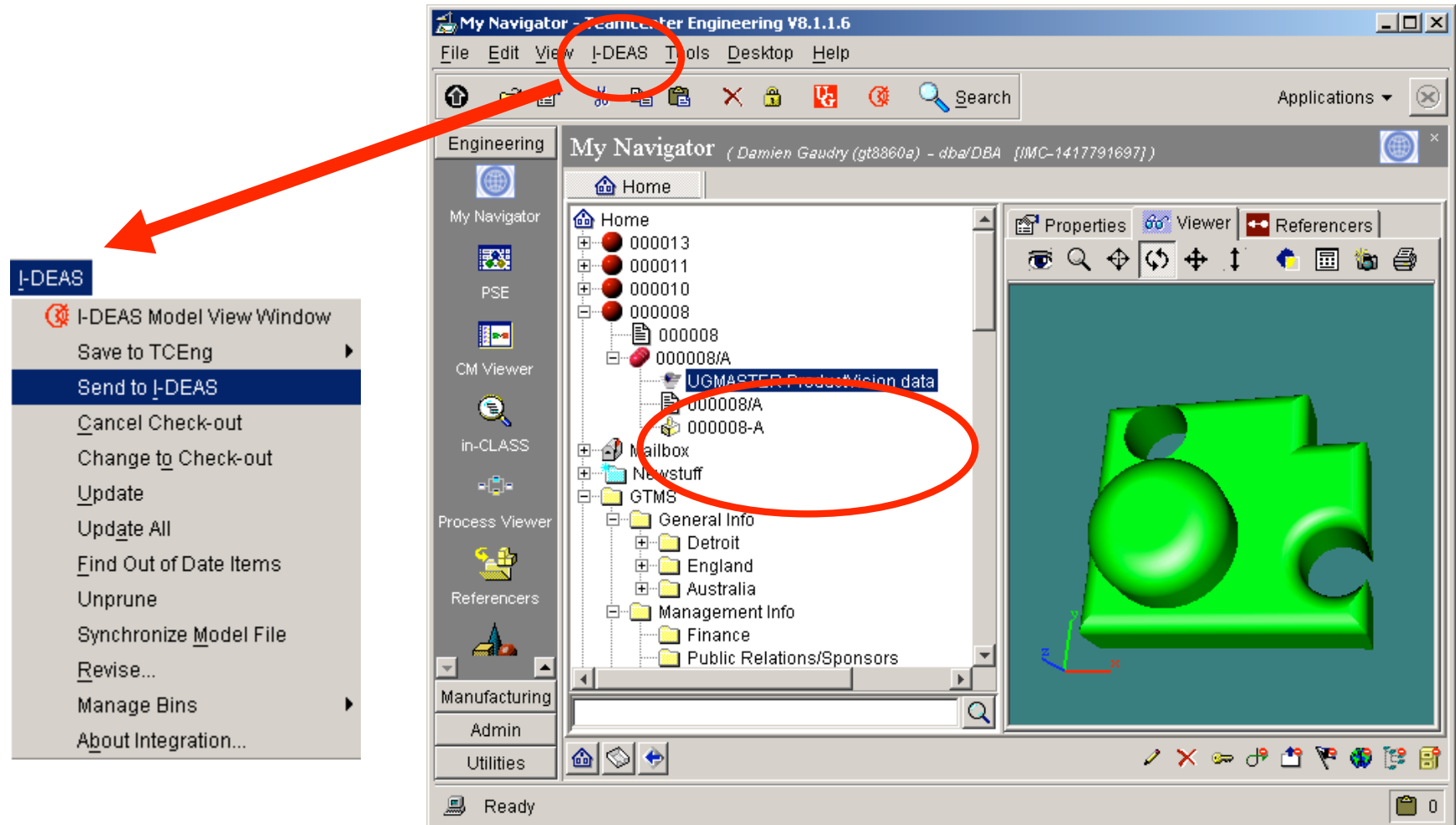
# Checking-Out parts



# File management in I-DEAS

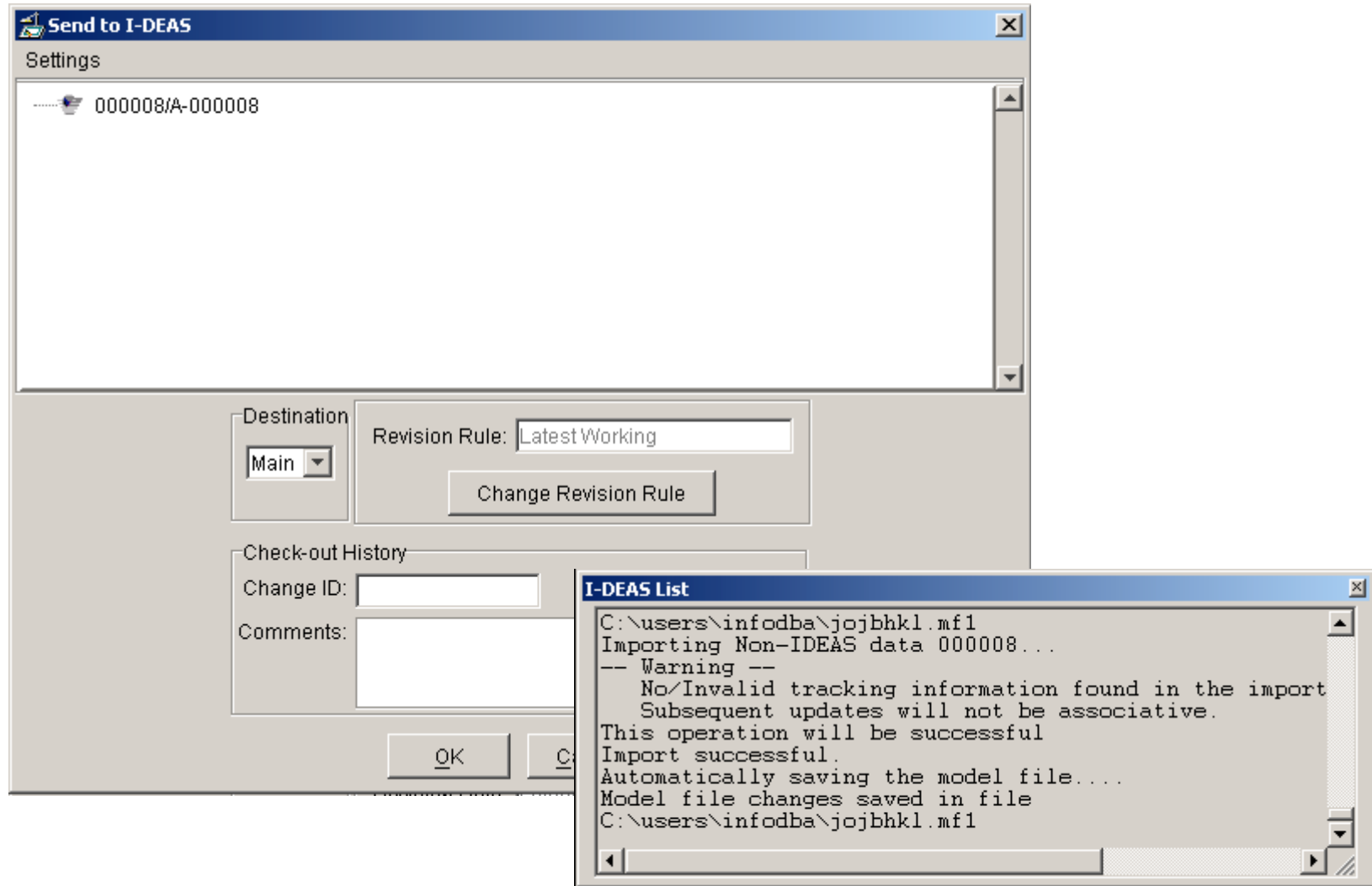


# Importing UG Parts

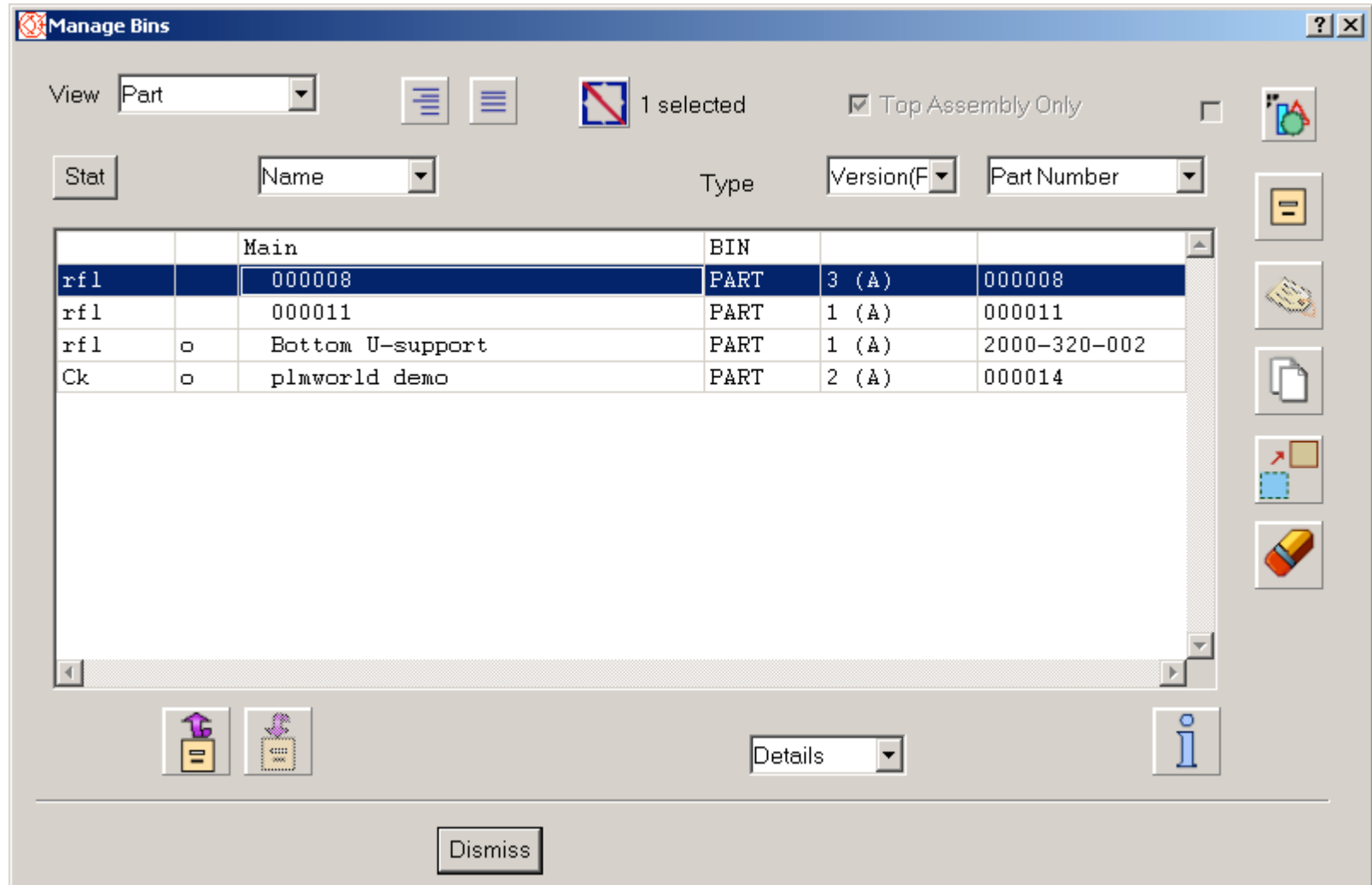


{NOTE: NX Manager version 3 allows direct import of UG Data}

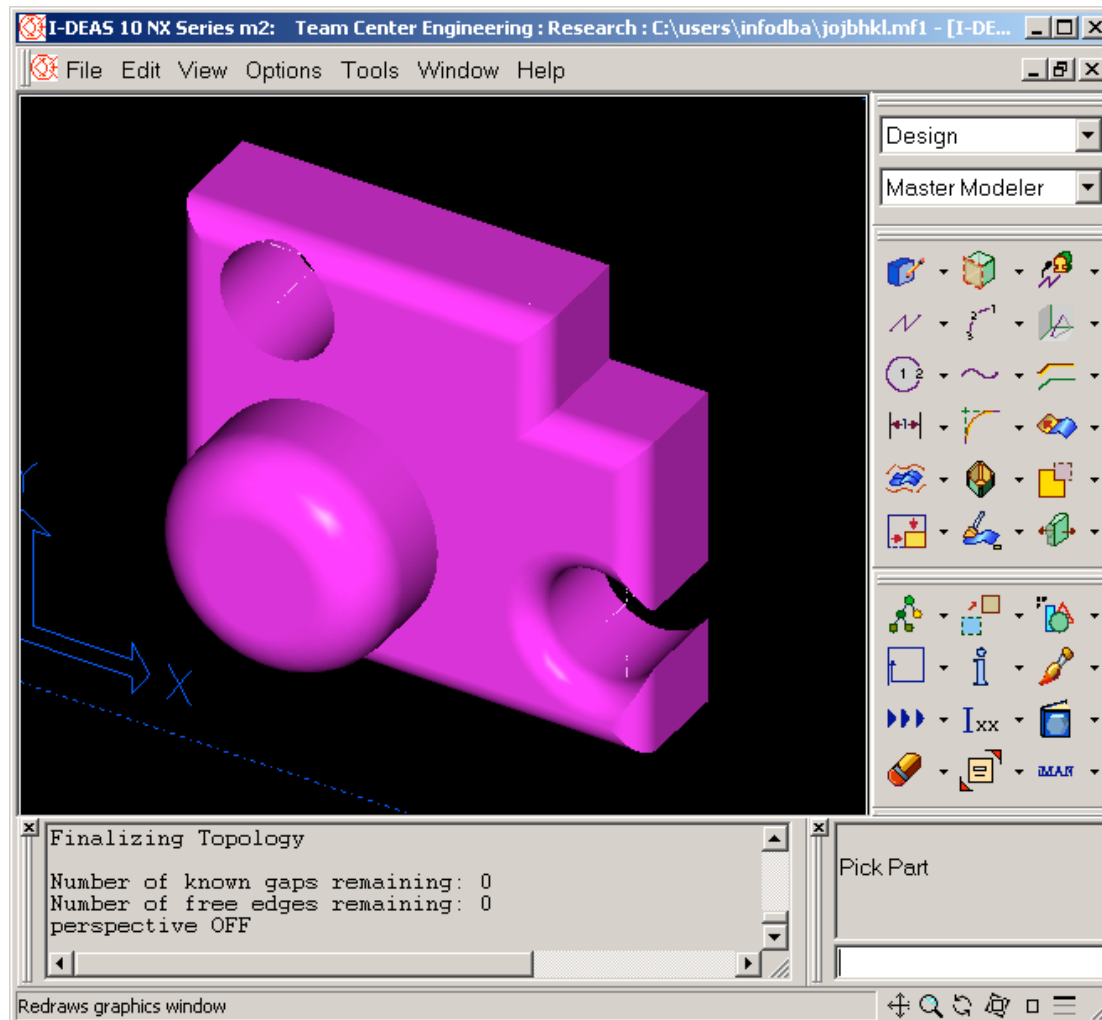
# Importing UG Parts



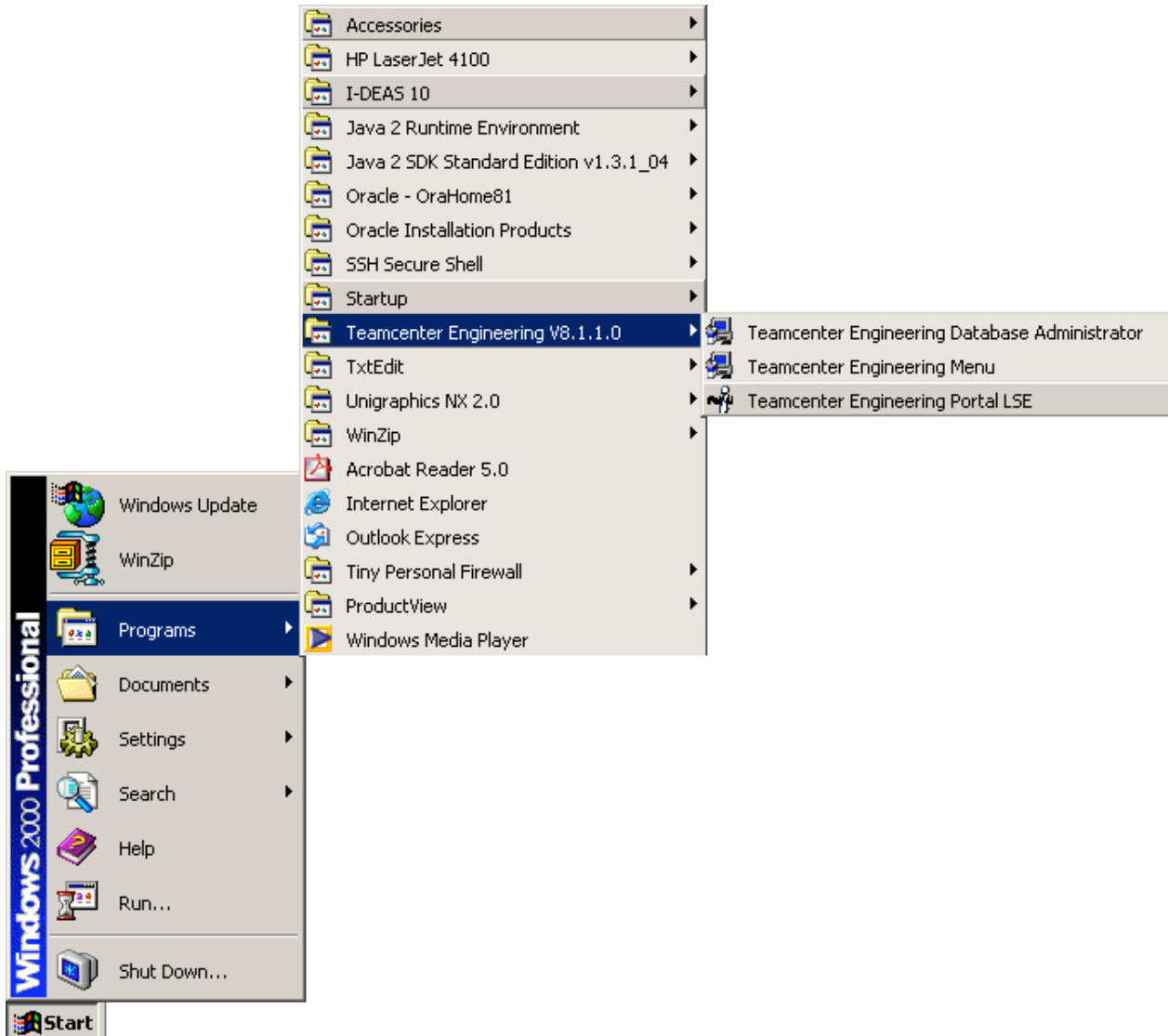
# Importing UG Parts



# Importing UG Parts

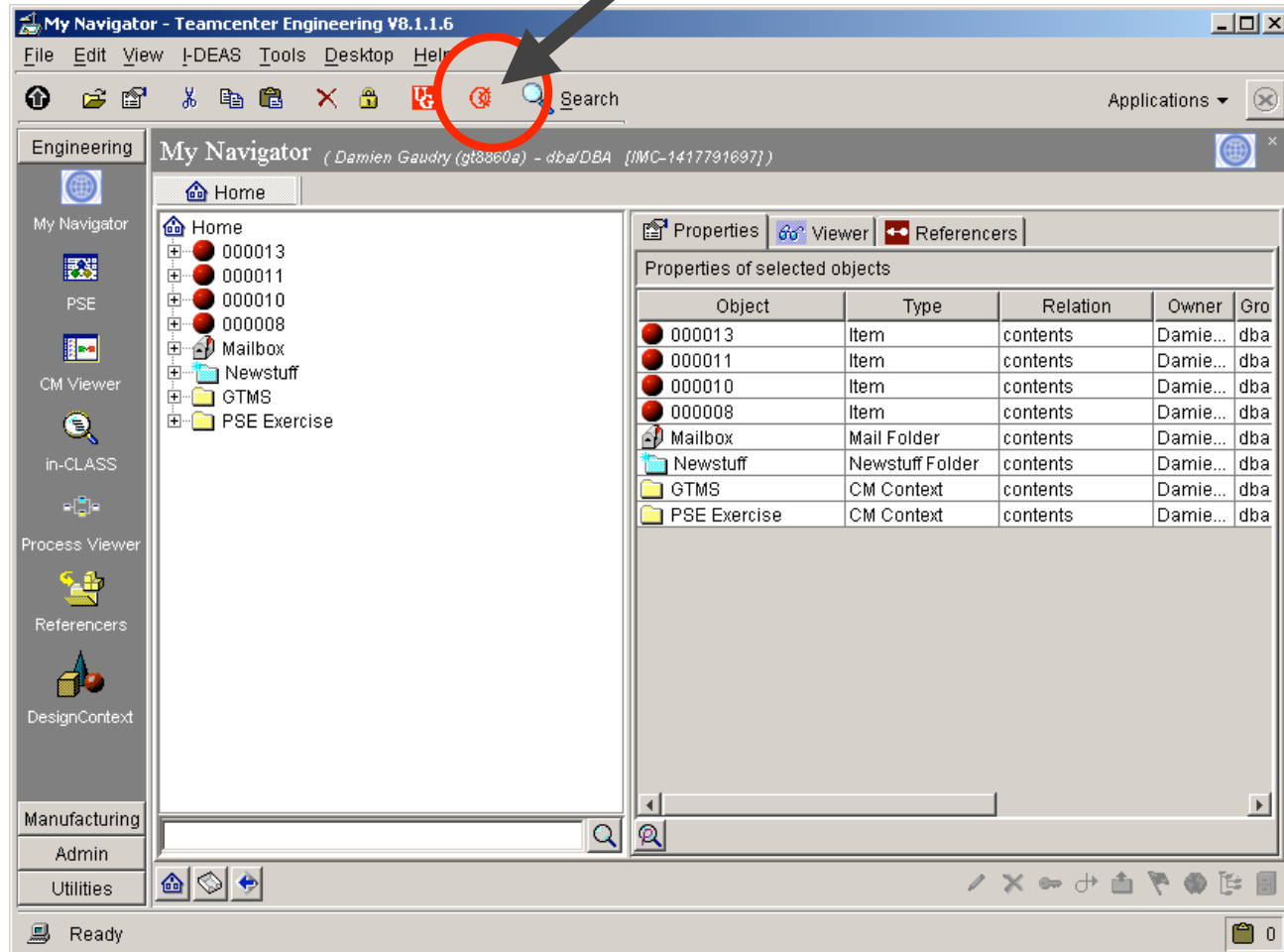


# Starting TCEng from the Start bar



# Starting TCEng from the Start bar

Launches I-DEAS



# Related PLMWorld events

## Presentations

Mon 4:15 – 5:00

|                                                                              |
|------------------------------------------------------------------------------|
| <b>Teamcenter Engineering Overview</b><br><i>Rob Reich, UGS PLM (45 Min)</i> |
|------------------------------------------------------------------------------|

Wed 1:30 – 2:25

|                                                                                          |
|------------------------------------------------------------------------------------------|
| <b>Unigraphics &amp; I-deas CAD Integrations</b><br><i>Lonny Greer, UGS PLM (45 Min)</i> |
|------------------------------------------------------------------------------------------|

Thurs 2:15 – 3:00

|                                                                                                              |
|--------------------------------------------------------------------------------------------------------------|
| <b>From I-DEAS TDM to NX Manager; with a bit of Tce</b><br><i>Susan Despotopoulos, Micro Motion (45 Min)</i> |
|--------------------------------------------------------------------------------------------------------------|

Thurs 4:15 – 5:00

|                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>TC Eng. Multi-CAD Mgmt - Focus on Solid Edge, Catia &amp; Others CAD Integrations</b><br><i>Lonny Greer &amp; Mike Harrison-Lowe, UGS PLM (45 Min)</i> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|

## Training

| UGS T     | UGS New in Simulation                                        | Simulation | End Users      | Intermediate | T |    |
|-----------|--------------------------------------------------------------|------------|----------------|--------------|---|----|
| TcEng 9   | Tc Engineering- Project Creation, Administration and Control | PDM        | Administrators | Intermediate | 2 | TI |
| TcEng 8.1 | Tc Engineering- NX Manager I-deas                            | PDM        | End Users      | New          | 2 | W  |
| TcEng 9   | Tc Engineering- Visualization and Markup                     | PDM        | End Users      | New          | 2 | E  |
| TcEng 9   | Tc Manufacturing- Part Planning/NX CAM Data Management       | PDM        | End Users      | Intermediate | 1 | TI |

## TEAMCENTER ENGINEERING PRODUCT DATA MANAGEMENT-V8

### SOME COURSE TOPICS:

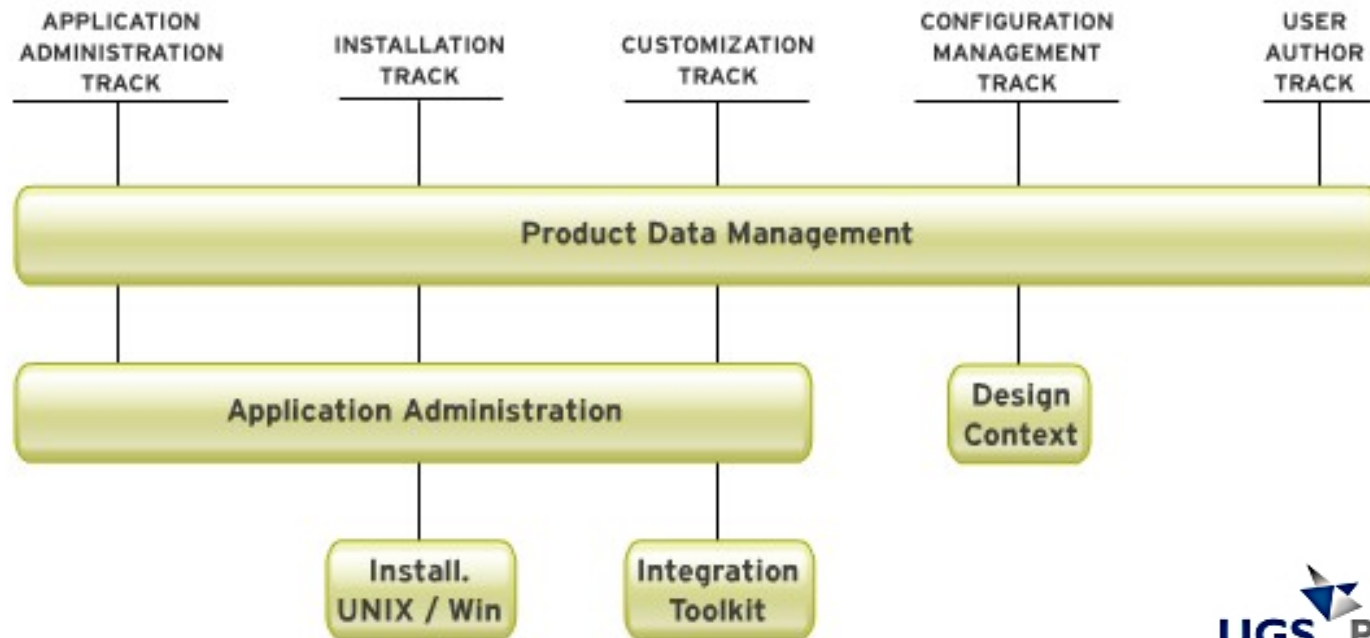
- Using Variants, Alternates and BOM View Revision Types
- Creating new and revised data using CAD interface
- Navigating the Teamcenter Engineering interface
- Building and Viewing Product Structure in PSE
- Change Management and Supercedure
- Process Viewer application
- Finding and organizing data
- Creating visualization data
- Using BOM Compare
- Working with Folders
- Workflow



<http://education.plms-eds.com/>

# Training

## Teamcenter Engineering Tracks



# Parting Thoughts

- Scalability
- Queries
- Non-CAD data
- Customizable
- Multi-vendor CAD data
- Distributed collaboration
- Visualization
- Oracle
- Moving TDM into TCEng
- Shared drive
- Licensing
- Local installation issues



# Questions?

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**Special thanks to:**

Damien Gaudry

Lonny Greer

David Cook

Mitchell Bailey

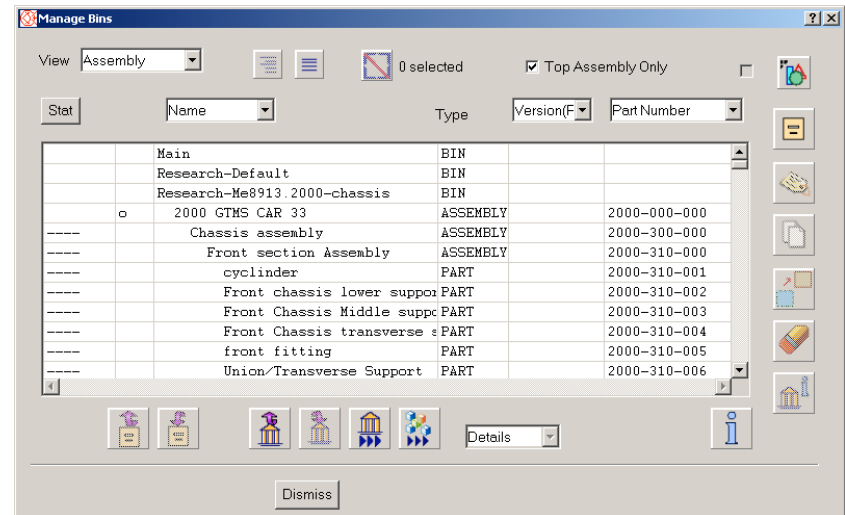
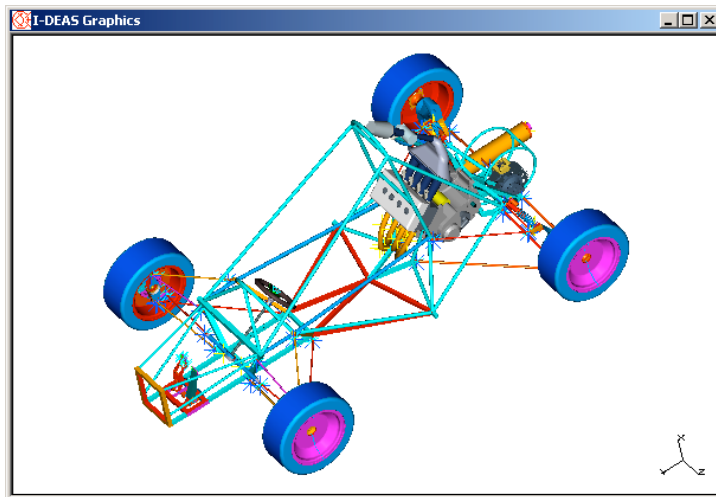


## Supplemental slides

Implementing NX Manager 2.0 for  
I-DEAS (client install)

# Goal

To Use Team Center Engineering to Manage I-DEAS data on Windows 2000



The information contained herein has been adapted from the  
**NX Manager I-deas Installation and User's Guide Publication**  
**Number eng00013 C**  
for a client installation.

# Required Resources

- Disk (93-014509-0811):  
Teamcenter Engineering Version 8.1.1
- Disk (80-021890-081):  
PortalViewer Version 8.1
- Download:  
TcEng\_irm\_8112\_wnti.zip
- Download:  
NXManagerIdeas\_Windows\_2.0\_25SEP2003.zip
- I-DEAS 10m2 media

# Required Resources

Welcome to eds.com - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://ftp.plms-eds.com/> Go Links »

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|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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| Product Updates       | <a href="#">Bravo</a> , <a href="#">eVis</a> , <a href="#">eFactory</a> , <a href="#">I-DEAS</a> , <a href="#">Imageware</a> , <a href="#">Jack</a> , <a href="#">Metaphase</a> and <a href="#">Teamcenter Enterprise</a> , <a href="#">NX Nastran</a> , <a href="#">PLM Open</a> , <a href="#">Sherpa</a> , <a href="#">SmartCAM</a> , <a href="#">Solid Edge</a> , <a href="#">Teamcenter Engineering</a> | This section is for updates to all EDS PLM Solutions products. Just click on the name of the product for which you want to download IRL's, maintenance releases, patches, ORM's and service packs. |

Internet

<http://support.plms-eds.com>

**NX Manager**

**TCEng\_IRM**

# STEP 0: Install and configure server

Install and configure server as stated in:

**Teamcenter Engineering Base Installation for Windows**  
**Publication Number eng00004 B**

## Notes:

- UG does not have to be installed on the server
- I-DEAS 10m2 does not have to be installed on the server
- NX manager must be installed on the server
- Do not install software into directories containing spaces:
  - , **C:\Program Files\** is not a good place to install!
  - , We installed everything in subdirectories under **C:\EDS\**
- I-DEAS Team directory must be shared
- iman data directory must be shared

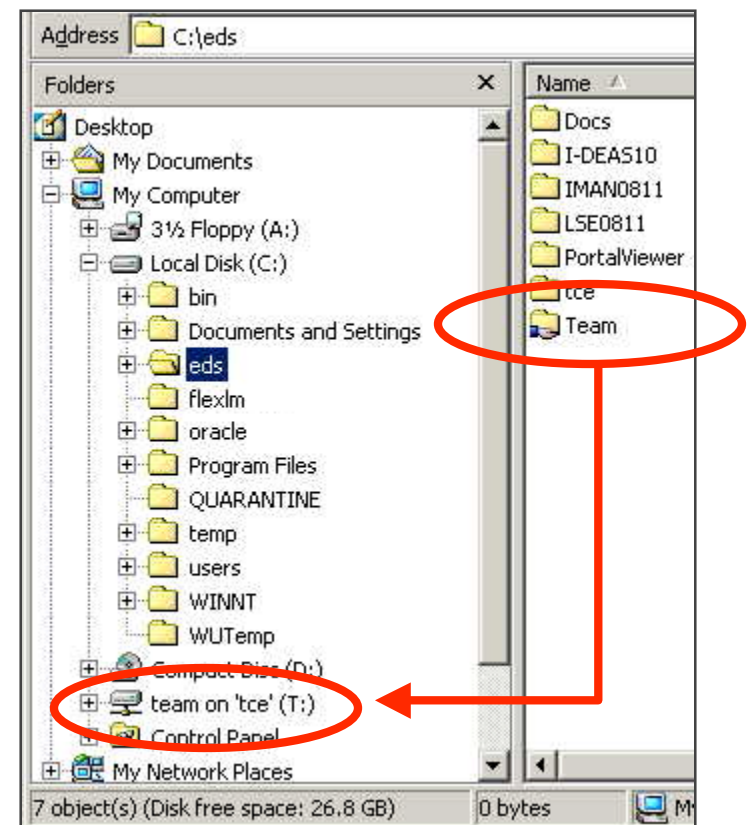
# STEP 0: Install and configure server

We use this trick to keep the **ideas\_param10.dat** in one location for the server and clients on the server.

Before installing I-DEAS on the server:

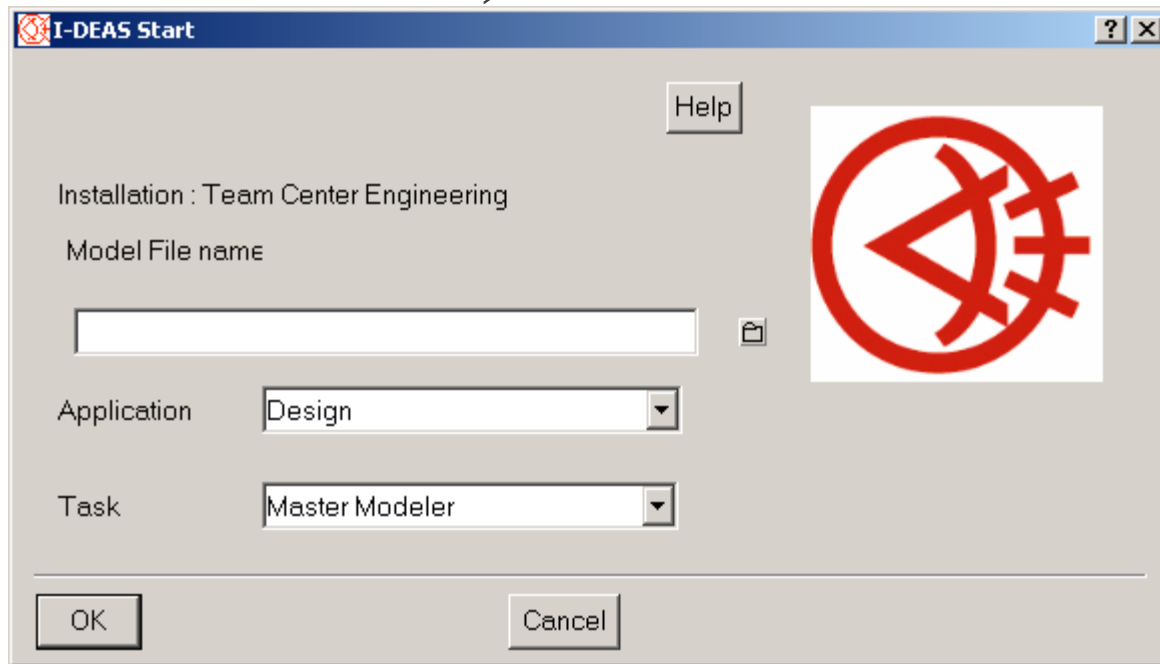
- Manually create a folder named team
  - e.g c:\eds\Team
- Share the c:\eds\Team drive
- Map the c:\eds\Team drive back to the server as the T: drive
- Install I-DEAS and put all data into the T: drive

The ideas parameter file should now be in:  
T:\Master\Config\ideas\_param10.dat



# STEP 1: Install I-DEAS 10m2 on Client

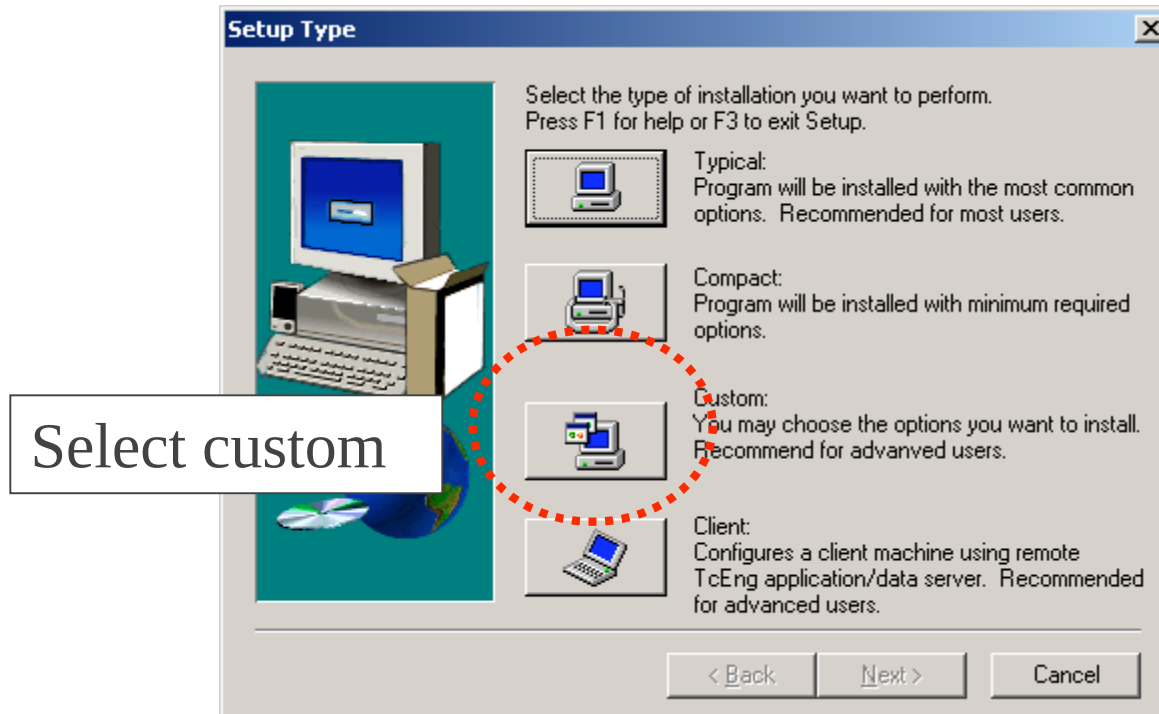
(Before you install I-DEAS, map drive from TCEng Server as data directory, must use the same drive letter)



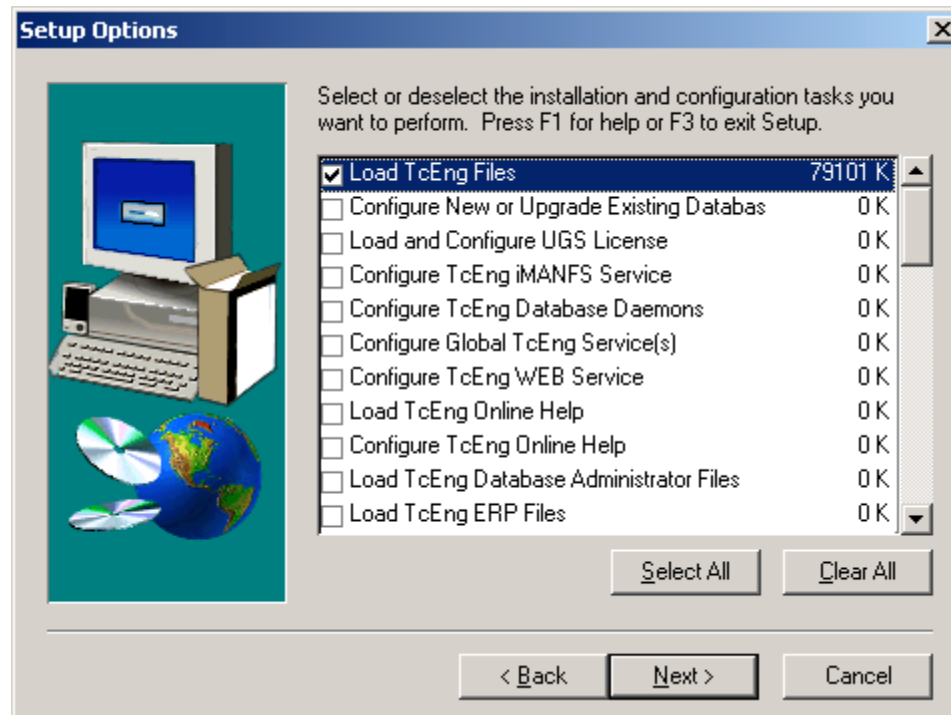
Note new I-DEAS startup screen even though no TCEng files have been installed.

# STEP 2: Install TCEng on Client

Disk (93-014509-0811): Teamcenter Engineering Version 8.1.1

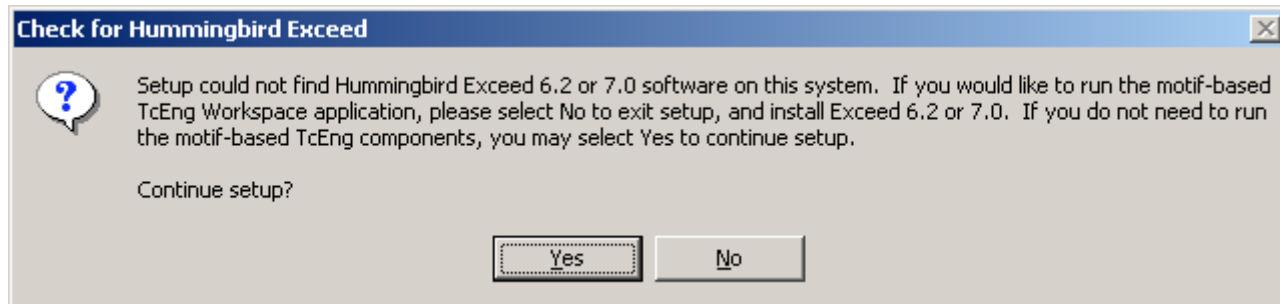


# STEP 2: Install TCEng on Client



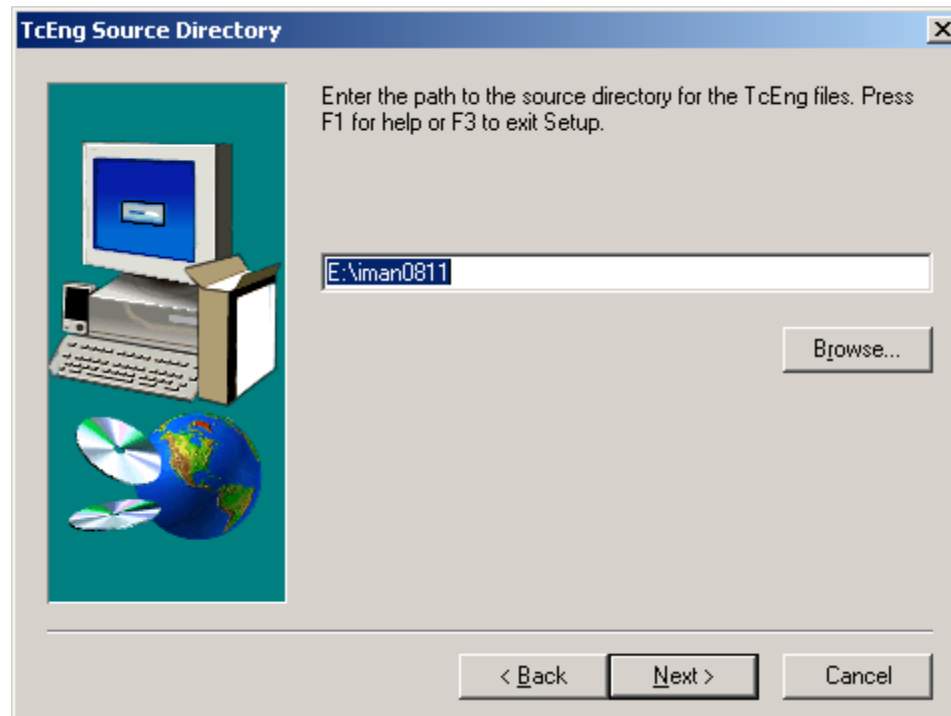
Select **Load TCEng Files only**

# STEP 2: Install TCEng on Client



Select **Yes**

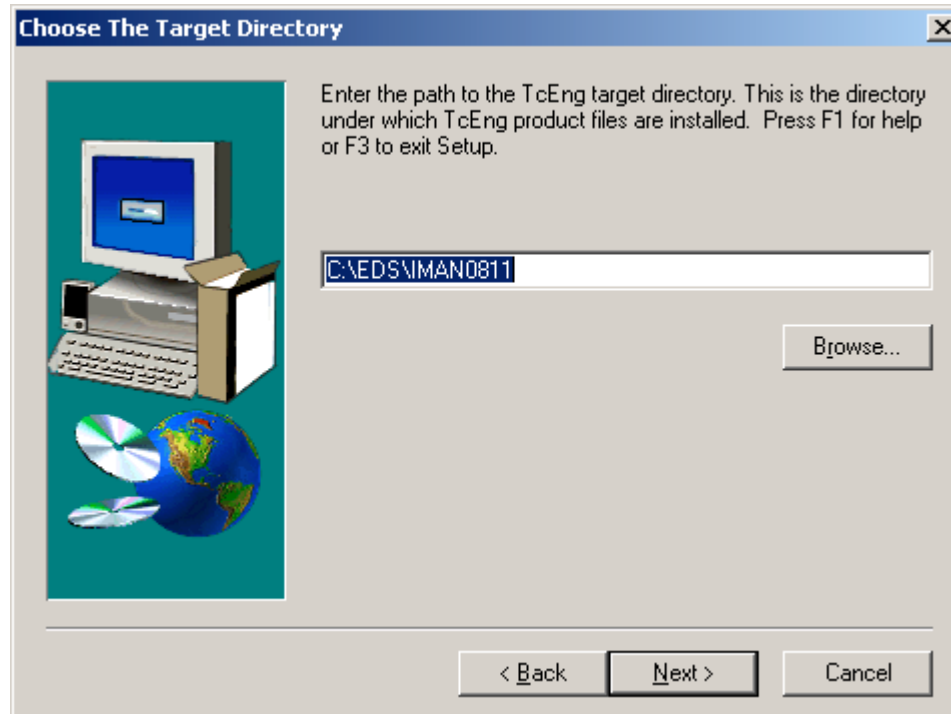
## STEP 2: Install TCEng on Client



Enter path where you're installing TCEng **from**.

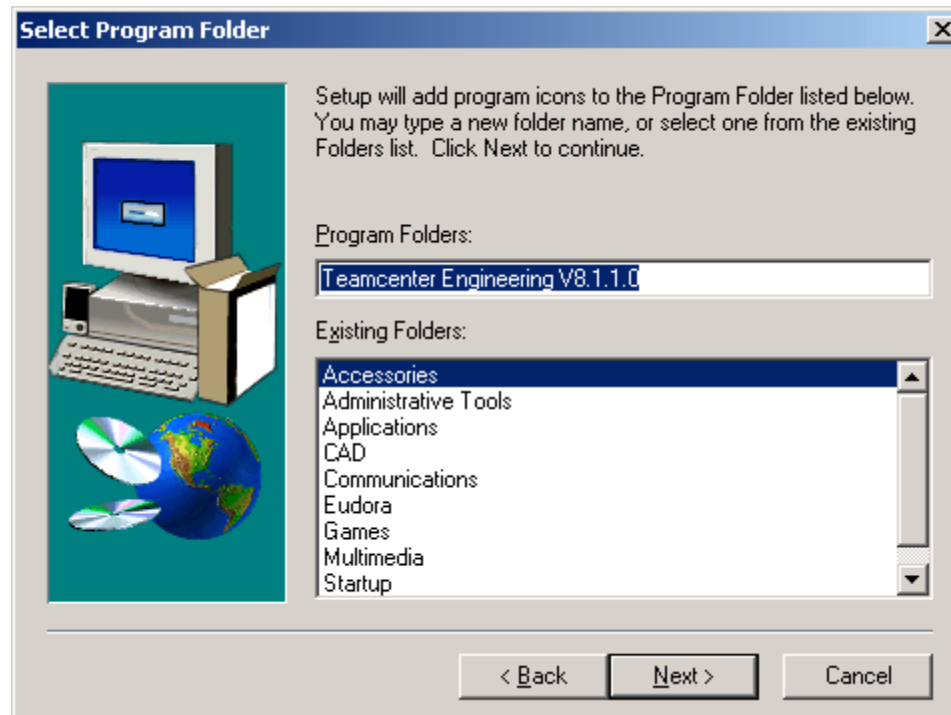
In the picture above E corresponds to letter of my CD drive.

# STEP 2: Install TCEng on Client



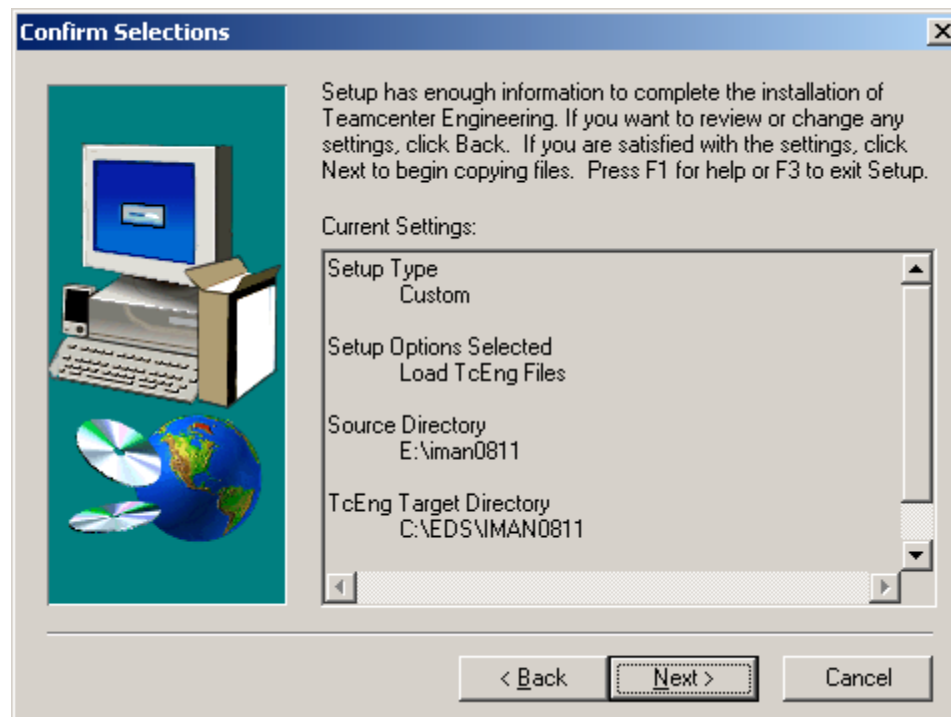
Enter target directory (remember, no spaces in path!)

# STEP 2: Install TCEng on Client



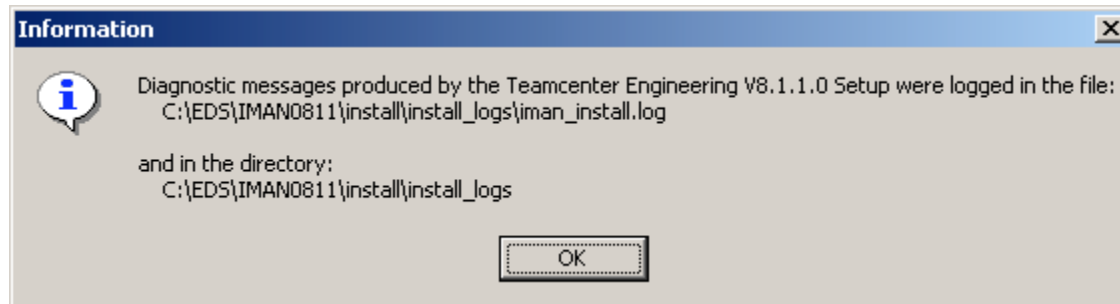
Click **Next**

## STEP 2: Install TCEng on Client



Click next

# STEP 2: Install TCEng on Client

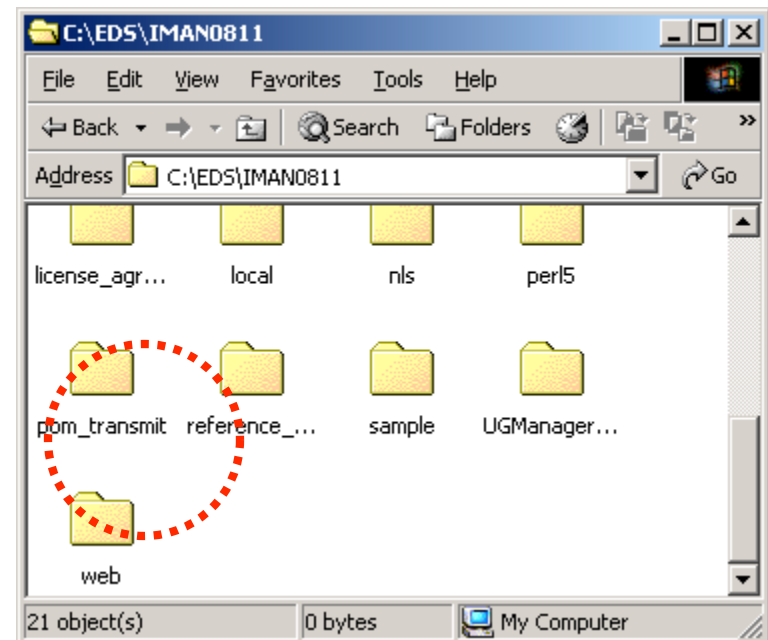


At end of installation

# STEP 2: Install TCEng on Client



Not finished yet. Copy the **pom\_transmit** folder from the **IMAN** directory of the **server** into the **IMAN** directory of the **client**



## STEP 2: Install TCEng on Client

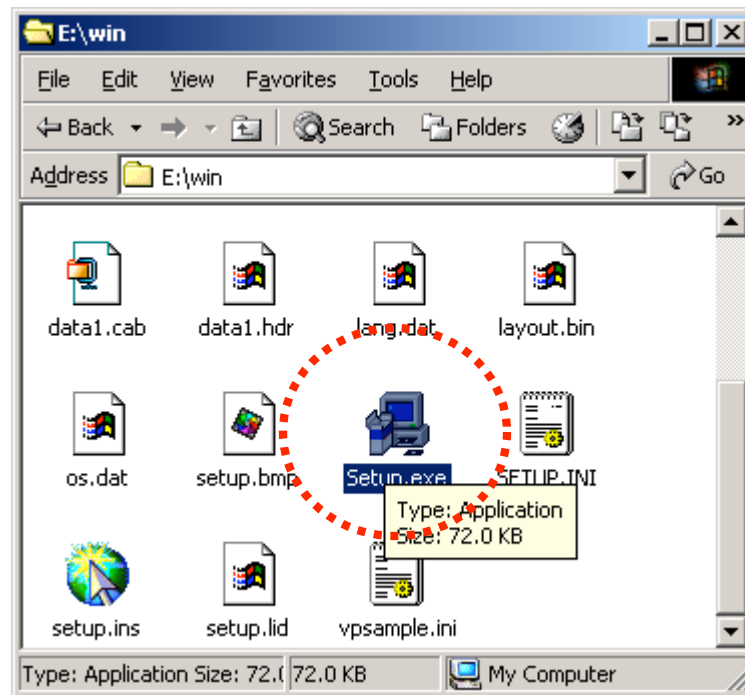
2

Set UGII\_LICENSE\_FILE see Tip 4

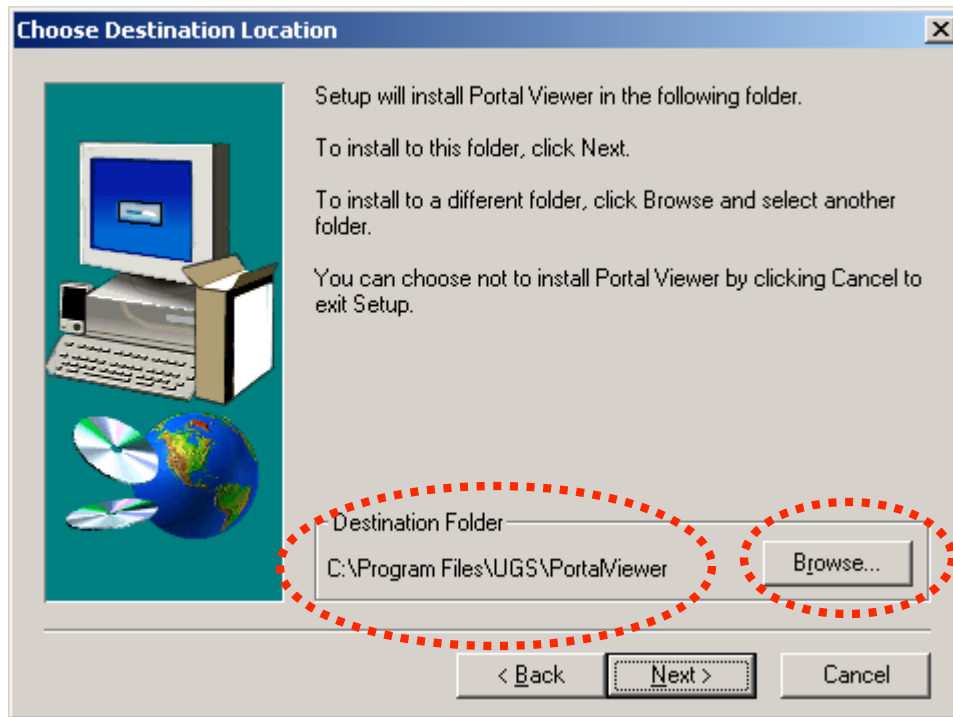
# Step 3: Install Portal Viewer on Client

Disk (80-021890-081): PortalViewer Version 8.1

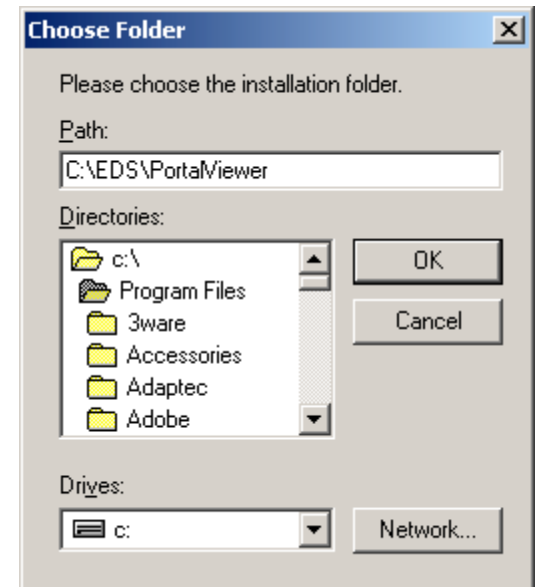
Select “win” folder



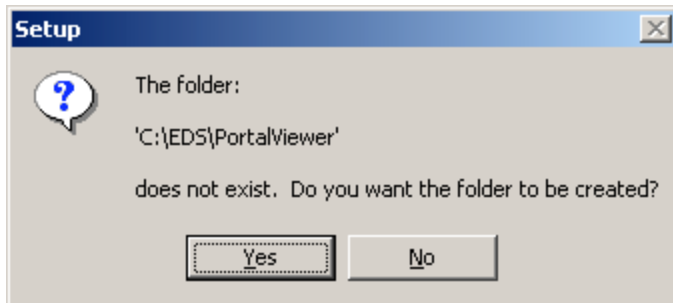
# Step 3: Install Portal Viewer on Client



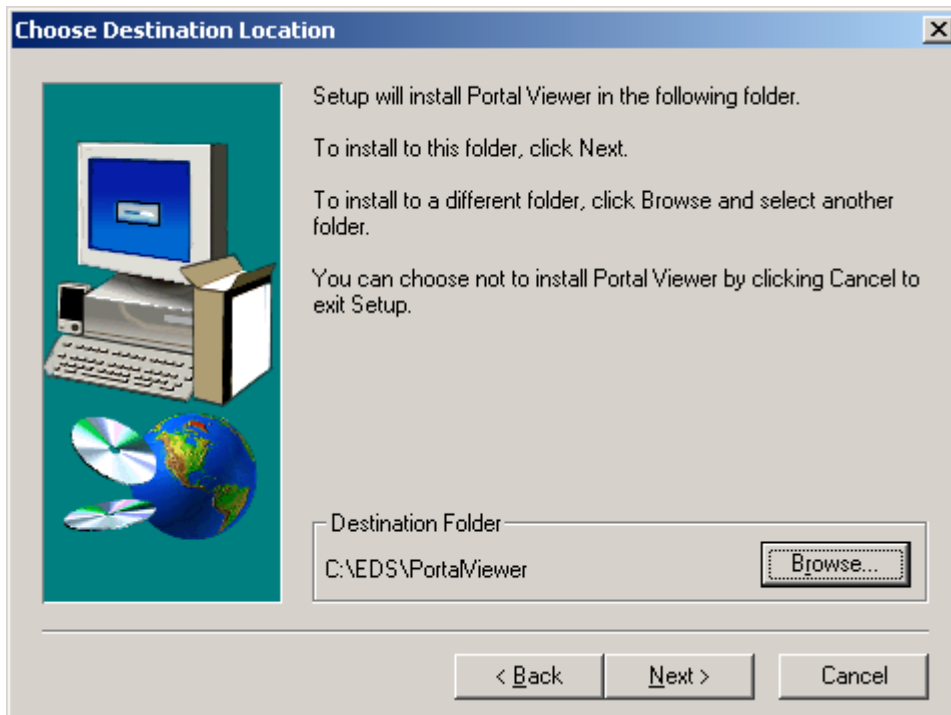
Browse and create a path with no spaces in it.



# Step 3: Install Portal Viewer on Client



If folder does not exist, click yes.



Click Next

## Step 3: Install Portal Viewer on Client

Note: no where in the installation of portal viewer on the client are you asked to select between which license of the viewer you want, ie. Viewer, Professional, Advanced.

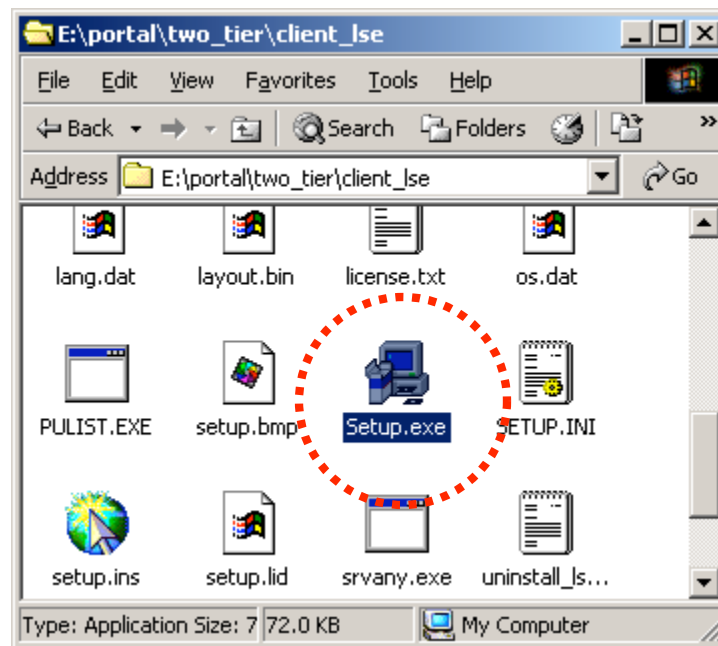
This setting is controlled in the **client\_specific.properties** file

```
# Portal Viewer settings below here.  
PortalViewer_License_Level=Viewer
```

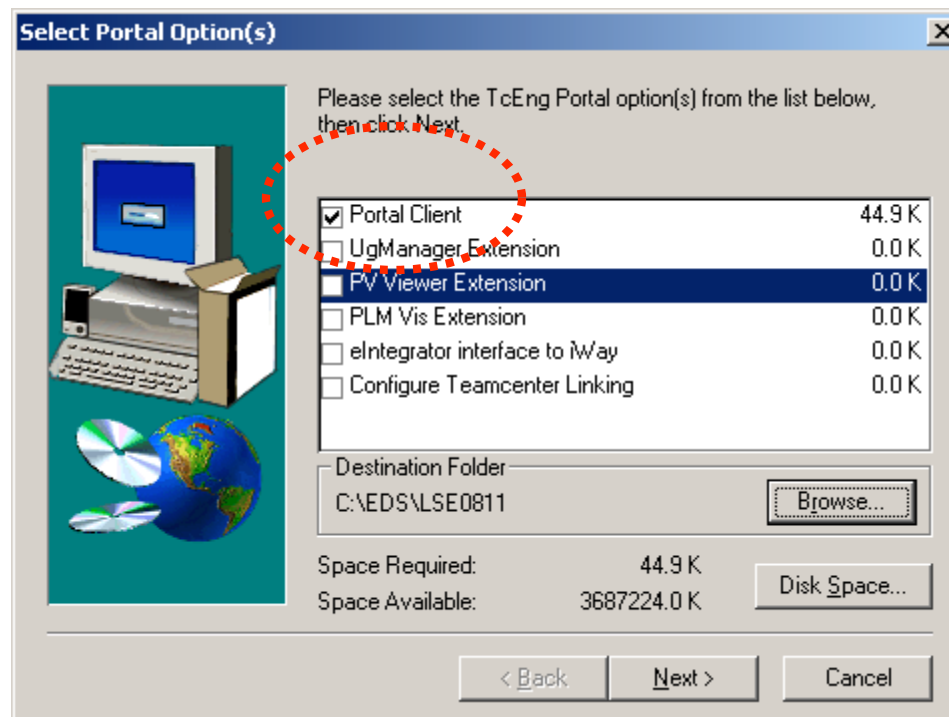
# STEP 4: Install Portal LSE on Client

Disk (93-014509-0811): Teamcenter Engineering Version 8.1.1

It is on the TCE disk in the  
portal\two\_tier\client\_lse directory

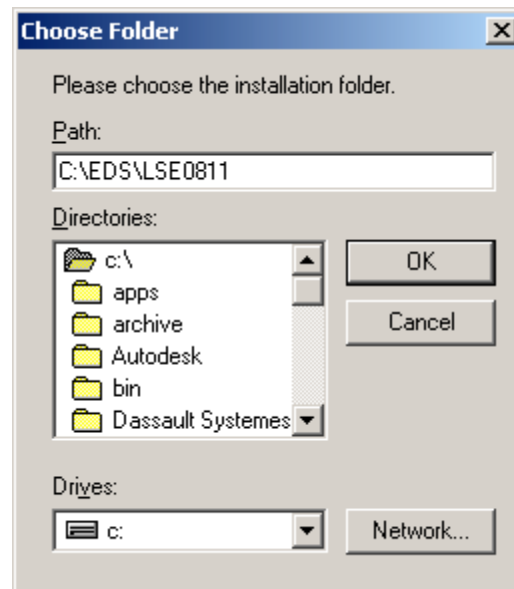


# STEP 4: Install Portal LSE on Client



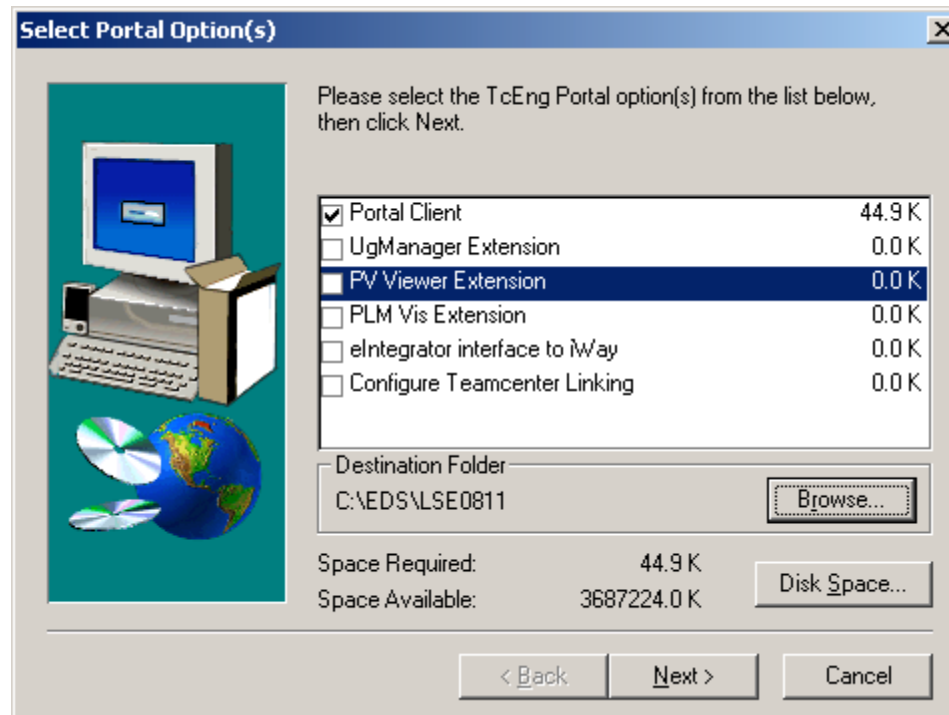
Click browse to change destination folder to one with no spaces in it

# STEP 4: Install Portal LSE on Client



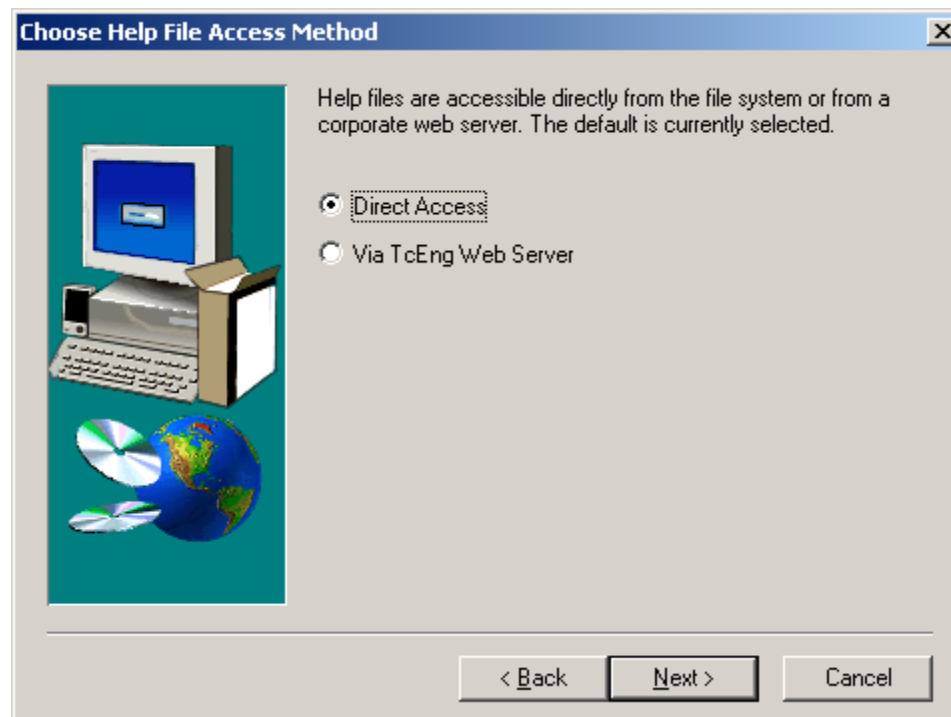
We put it here and said **Yes** to create folder.

# STEP 4: Install Portal LSE on Client



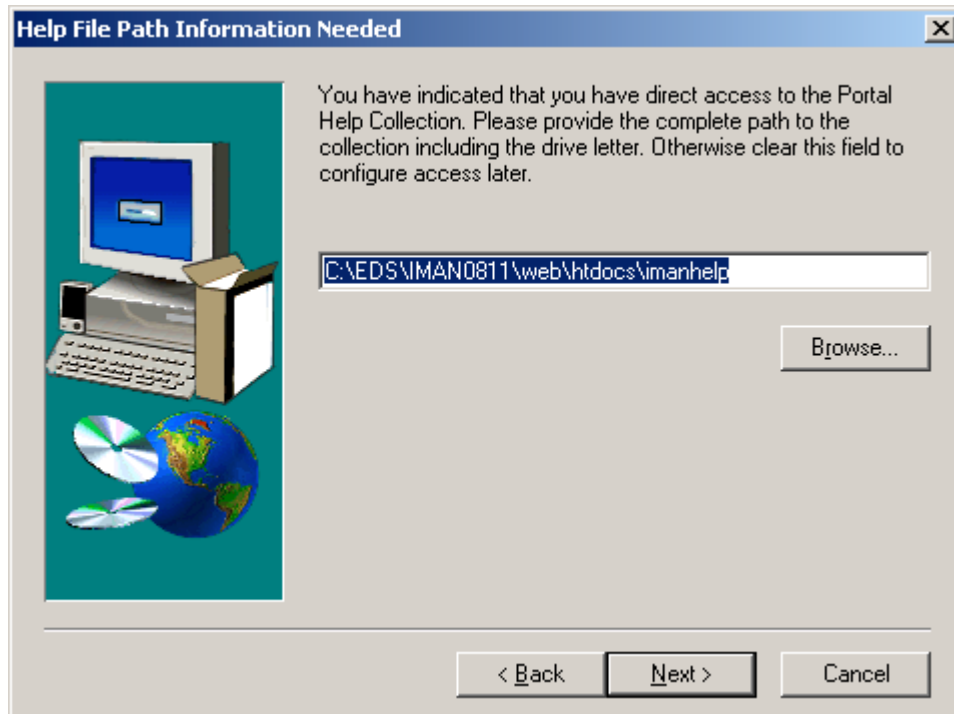
Click next

# STEP 4: Install Portal LSE on Client



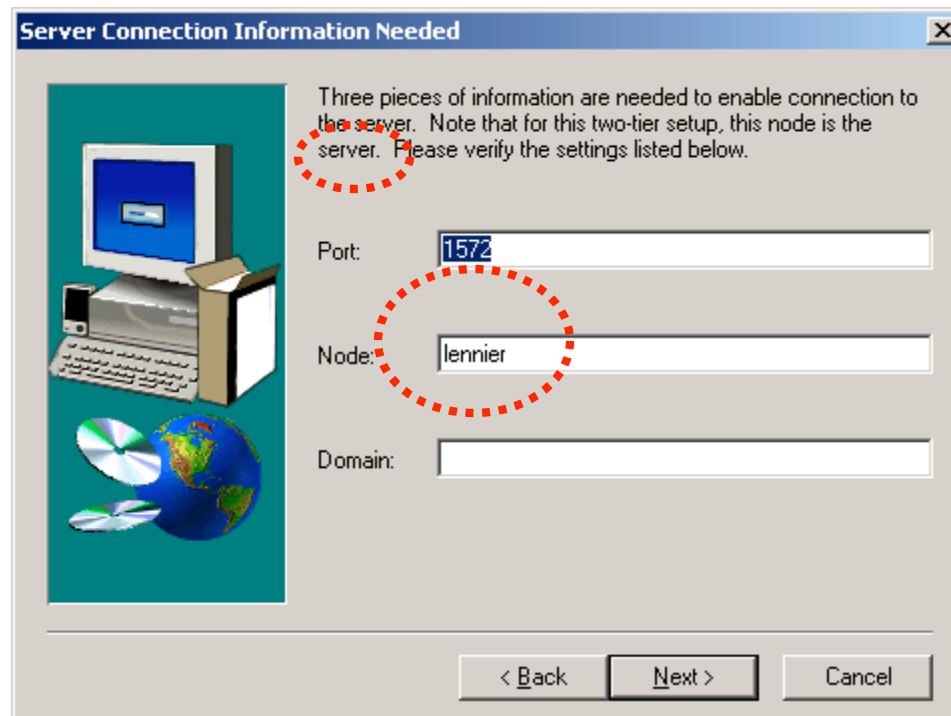
Select direct access but help files were not previously installed.

# STEP 4: Install Portal LSE on Client

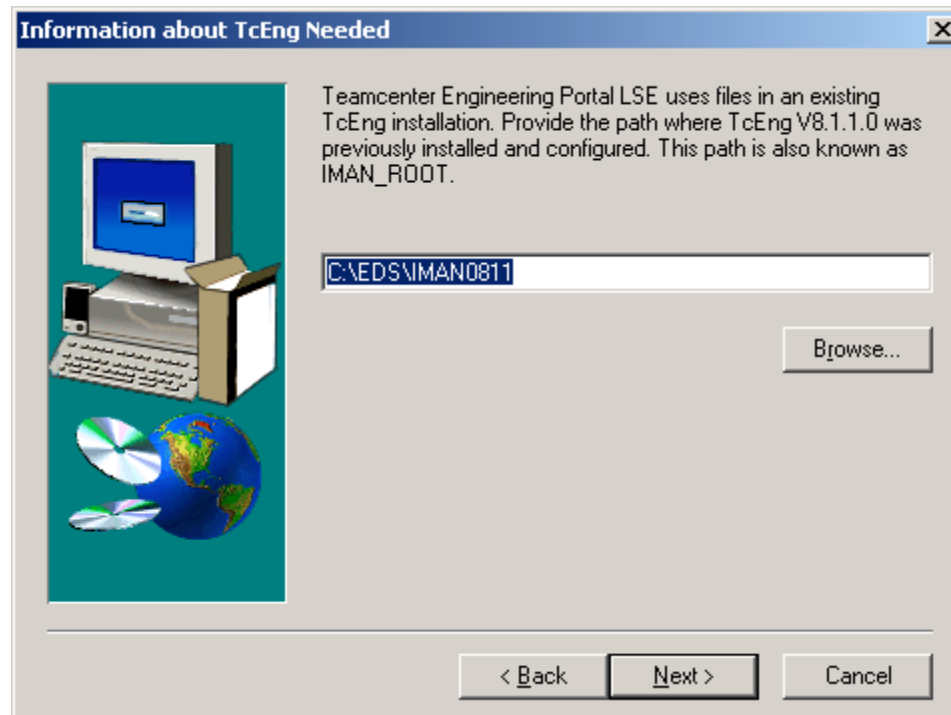


# STEP 4: Install Portal LSE on Client

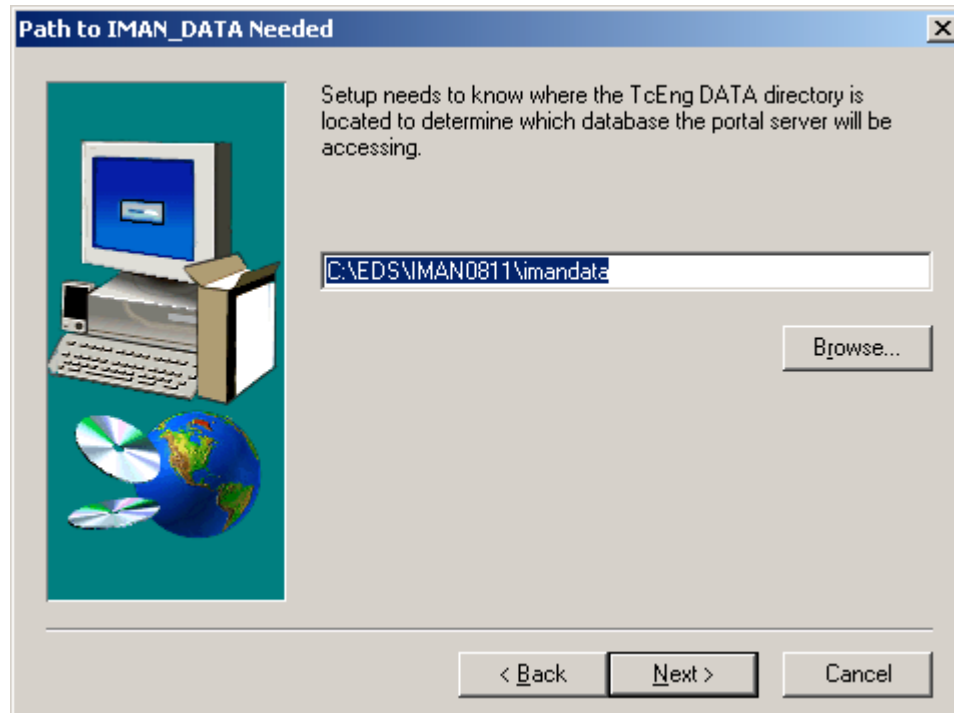
This machine **NOT** the TCEng sever!  
It's the client machine where we are doing this installation.



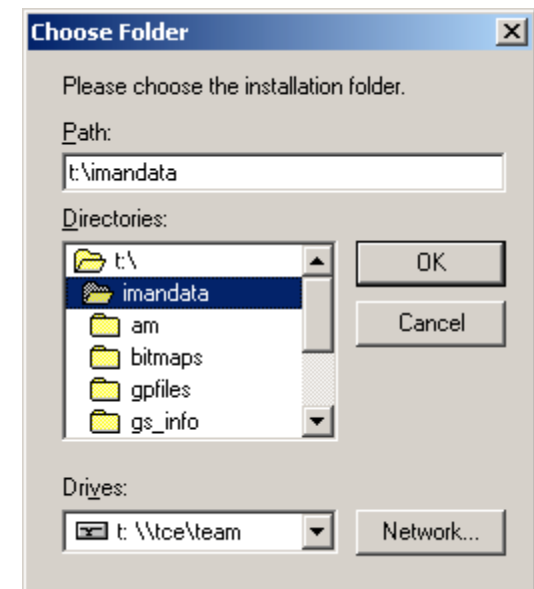
# STEP 4: Install Portal LSE on Client



# STEP 4: Install Portal LSE on Client

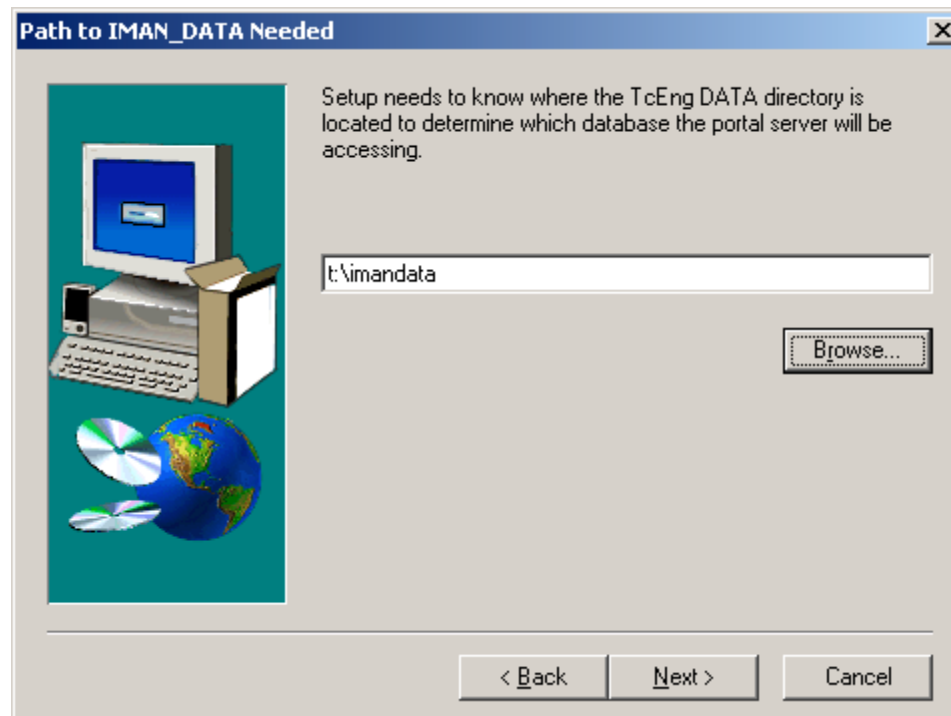


Click browse and navigate to shared data drive.

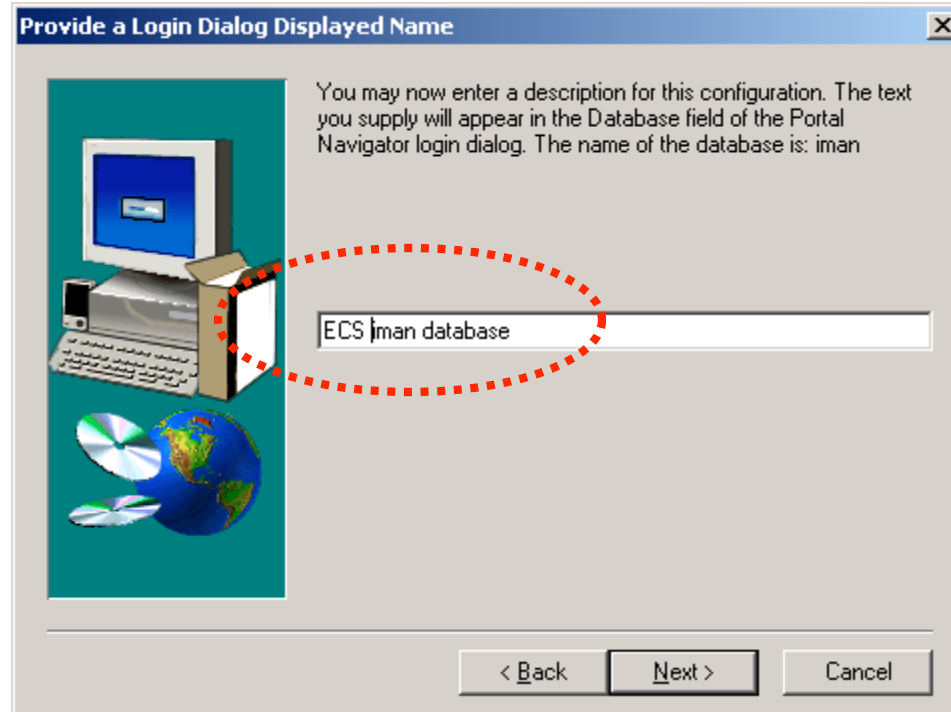


# STEP 4: Install Portal LSE on Client

This is the shared drive off the TCEng client

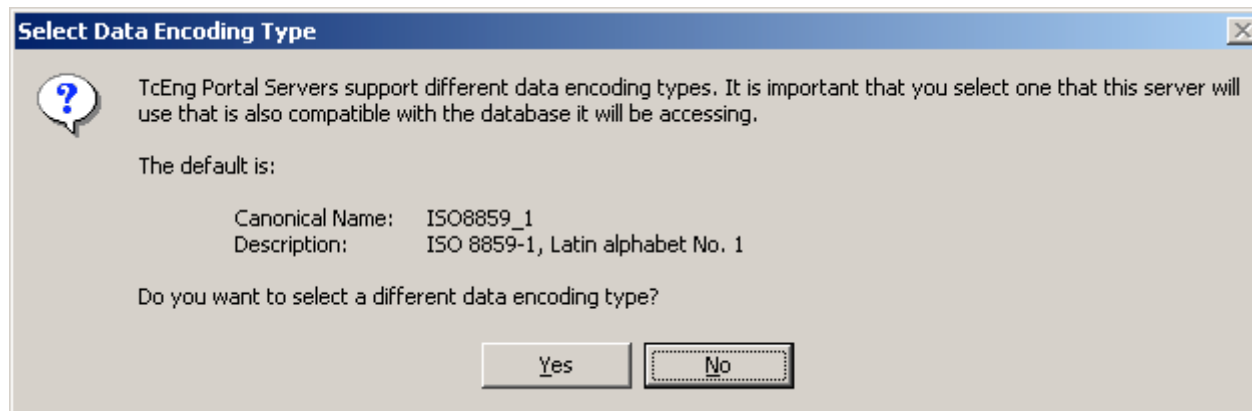


# STEP 4: Install Portal LSE on Client



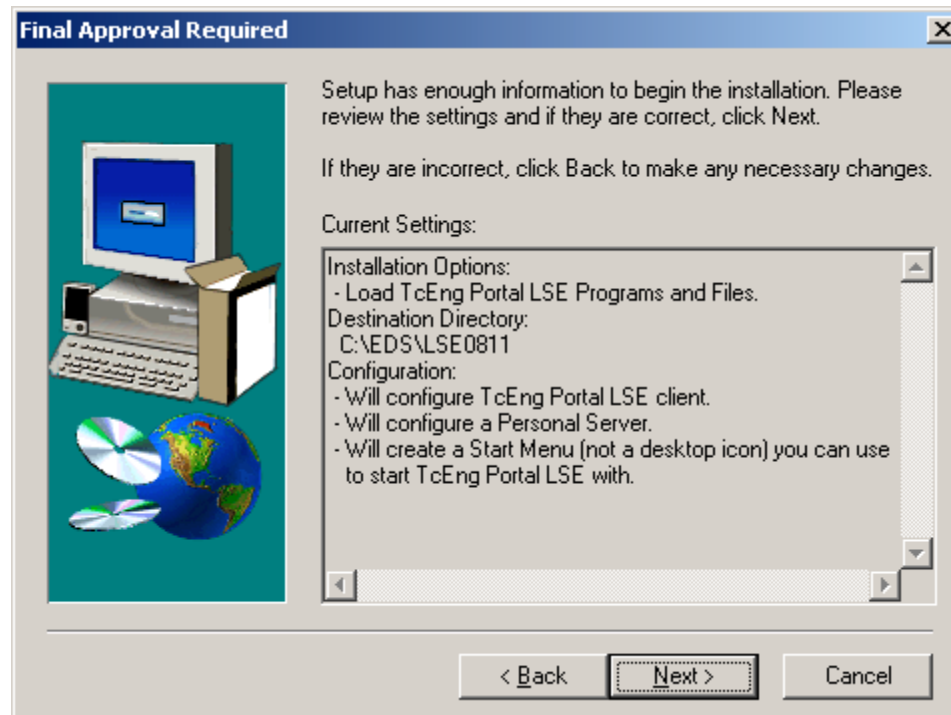
**Whatever you want**

# STEP 4: Install Portal LSE on Client



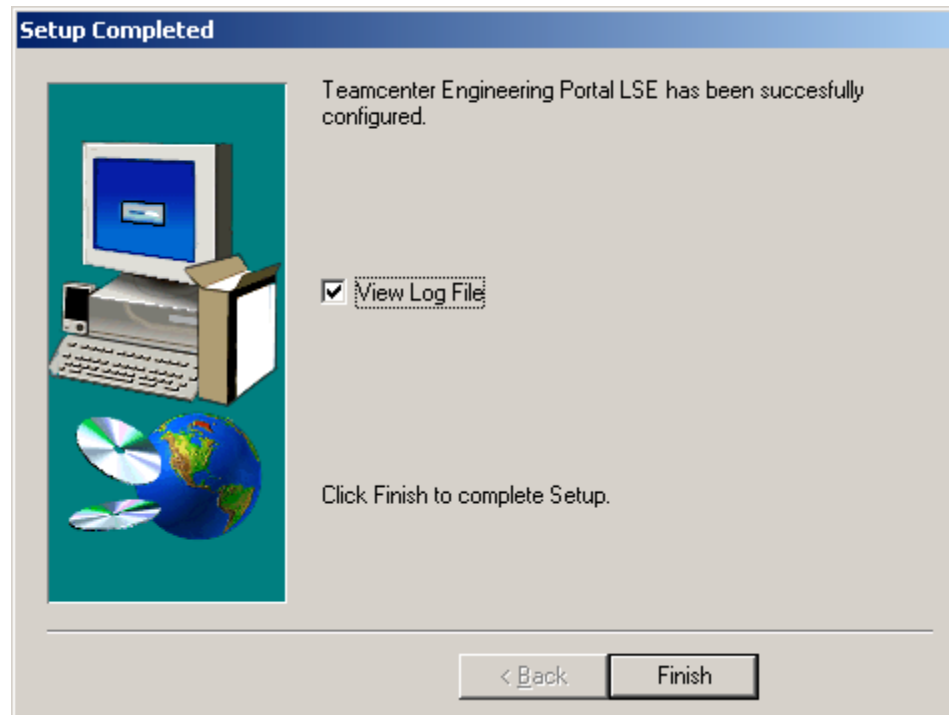
We clicked no.

# STEP 4: Install Portal LSE on Client



Click next

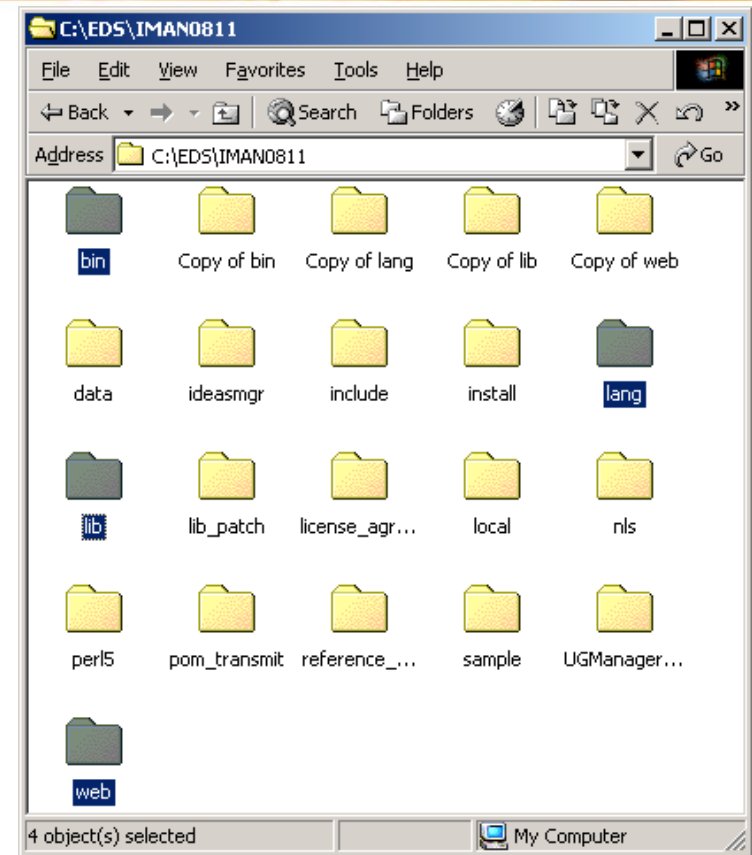
# STEP 4: Install Portal LSE on Client



You are done. Click finish

# STEP 5: Install IRM 8.1.1.2 on Client

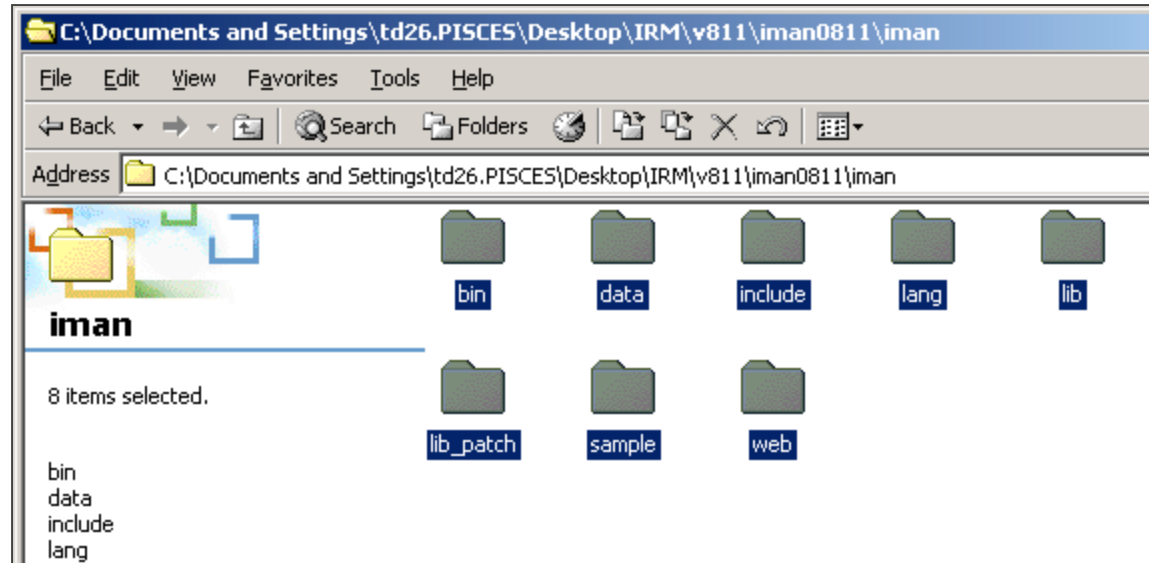
download IRM from gtac



Create copies of the four highlighted folders in the IMAN\_ROOT directory. (Ours is in c:\EDS\IMAN0811)

bin, lib, lang, web

# STEP 5: Install IRM 8.1.1.2 on Client

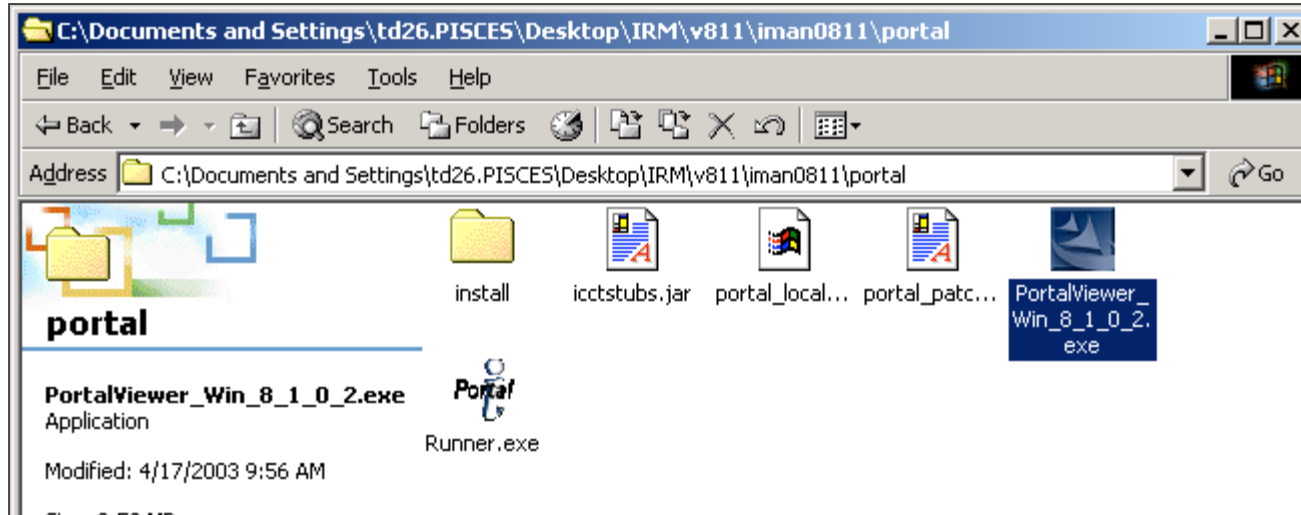


Where you unzipped the IRM:

- double click on v811 folder
- double click on the iman0811 folder
- double click on iman folder

The drag all these folders into the IMAN\_ROOT directory.

# STEP 5: Install IRM 8.1.1.2 on Client



Navigate to the Portal directory where you unzipped the IRM, double click on

**PortalViewer\_Win\_8\_1\_0\_2.exe**

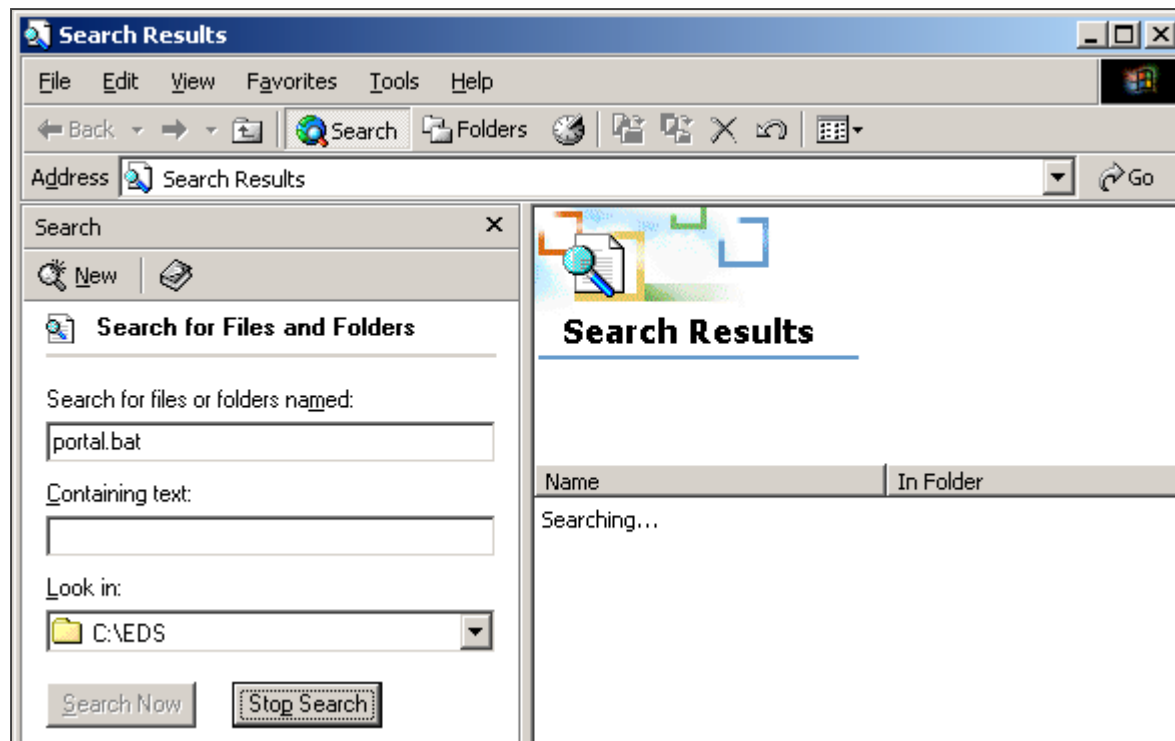
Click **Next** three times.

Installation is complete.

# STEP 5: Install IRM 8.1.1.2 on Client

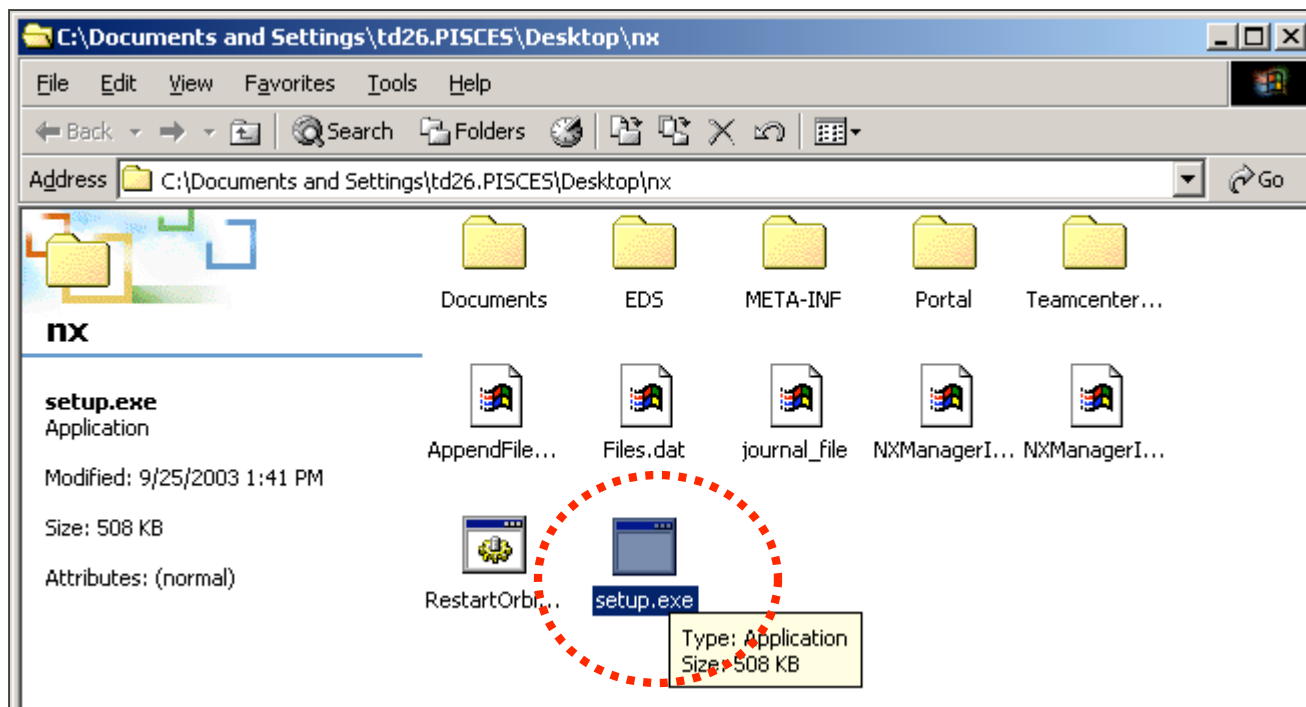
Now is tough part. You need to find the **portal.bat** file and the **portal.bat.template** files and change some stuff.

Review the [Readme](#).

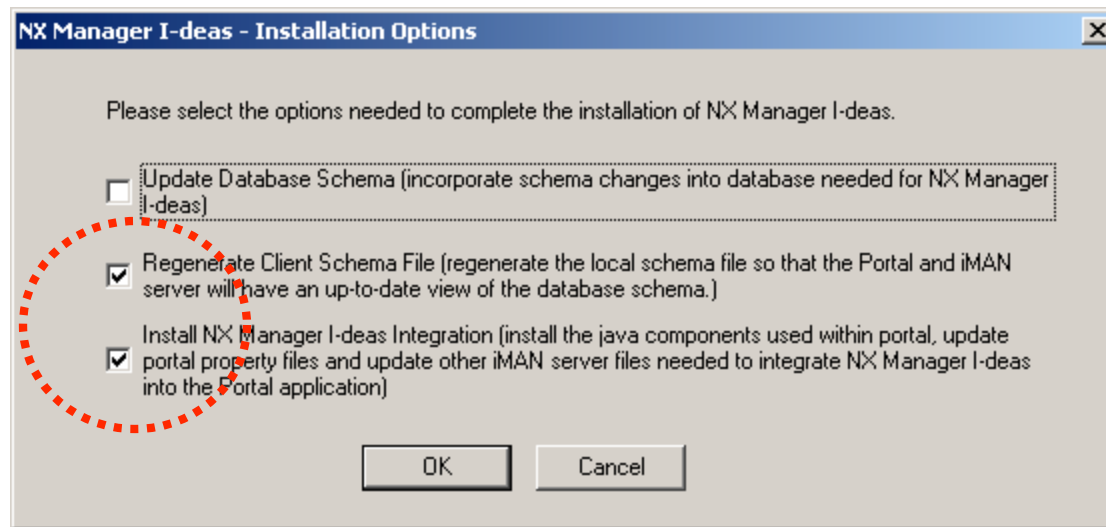


# STEP 6: Install NX Manager on Client

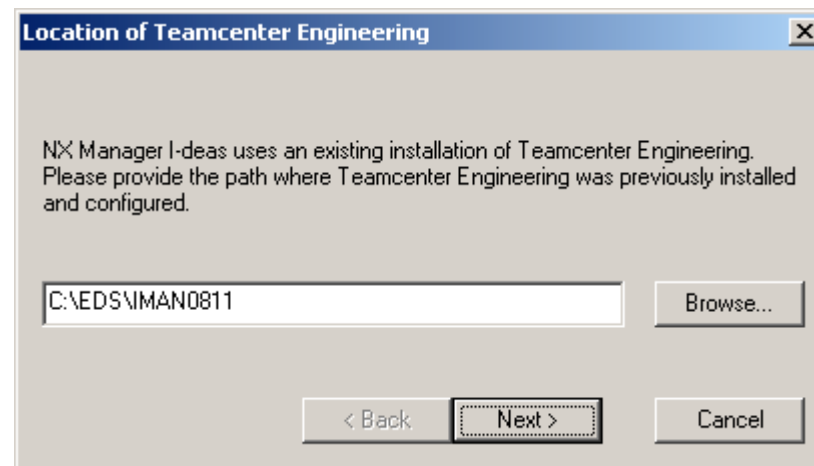
(downloaded NXManagerIdeas\_Windows\_2.0\_25SEP2003.zip from gtac)



# STEP 6: Install NX Manager on Client

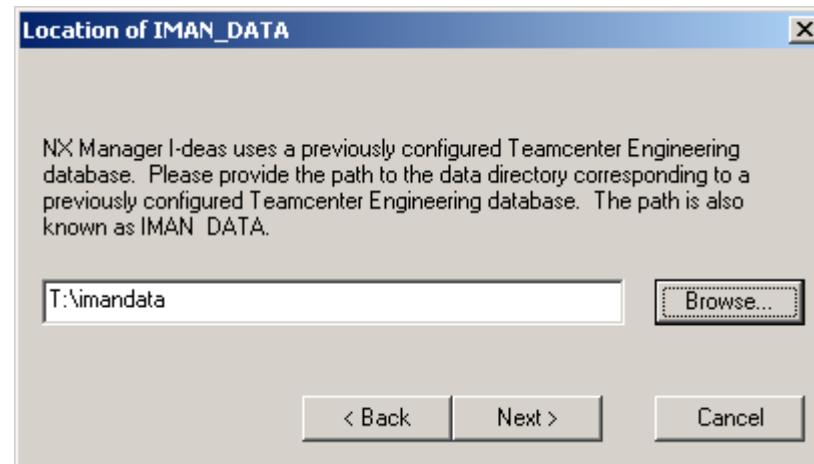


# STEP 6: Install NX Manager on Client

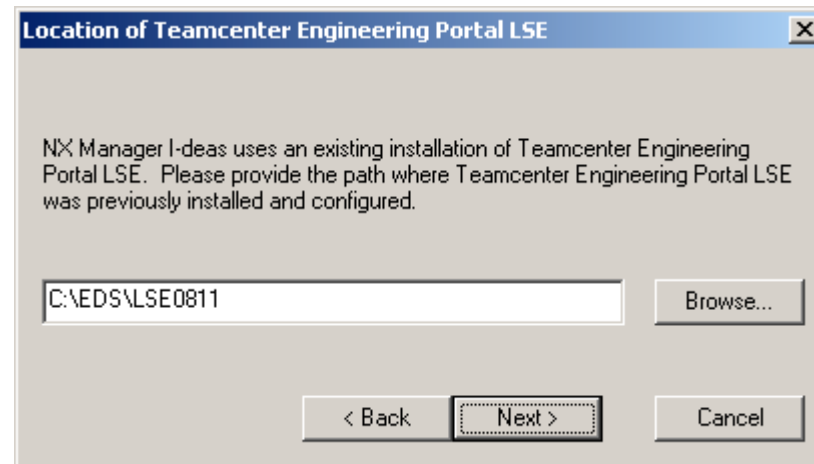


# STEP 6: Install NX Manager on Client

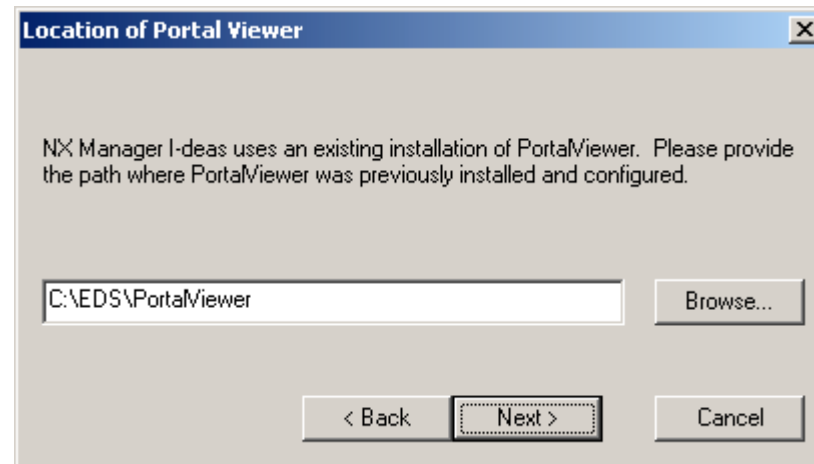
This is the shared drive off the TCEng client



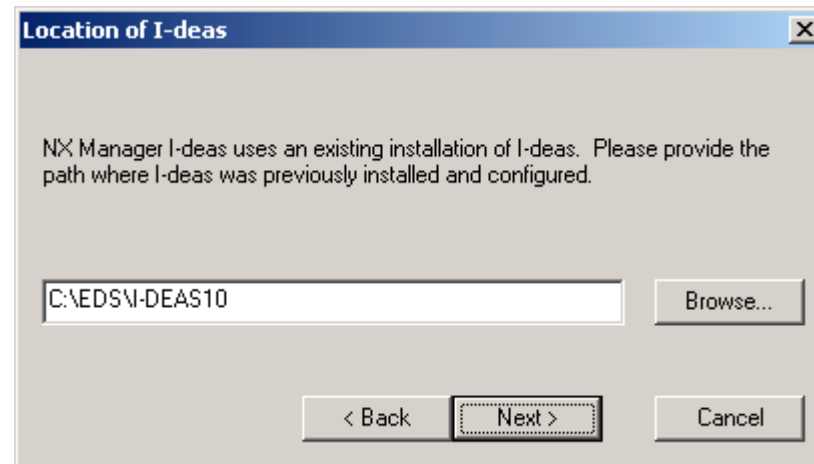
# STEP 6: Install NX Manager on Client



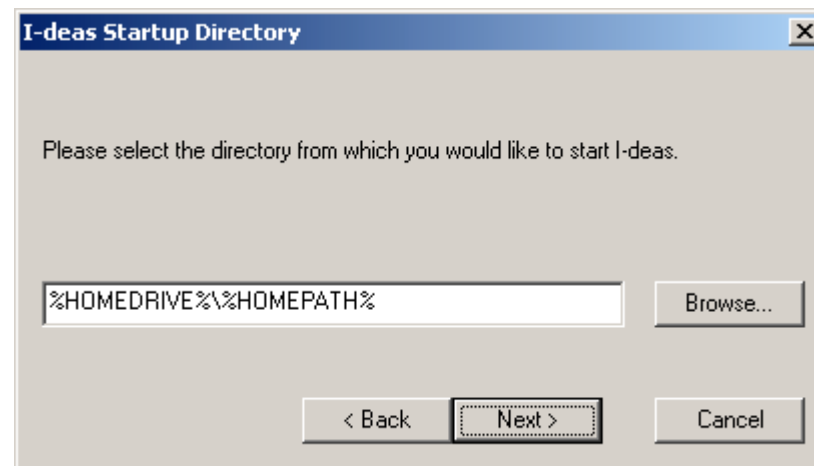
# STEP 6: Install NX Manager on Client



# STEP 6: Install NX Manager on Client

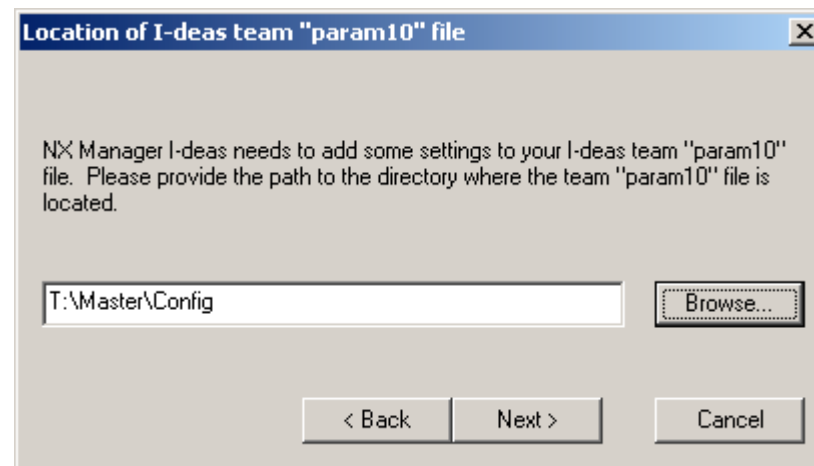


# STEP 6: Install NX Manager on Client

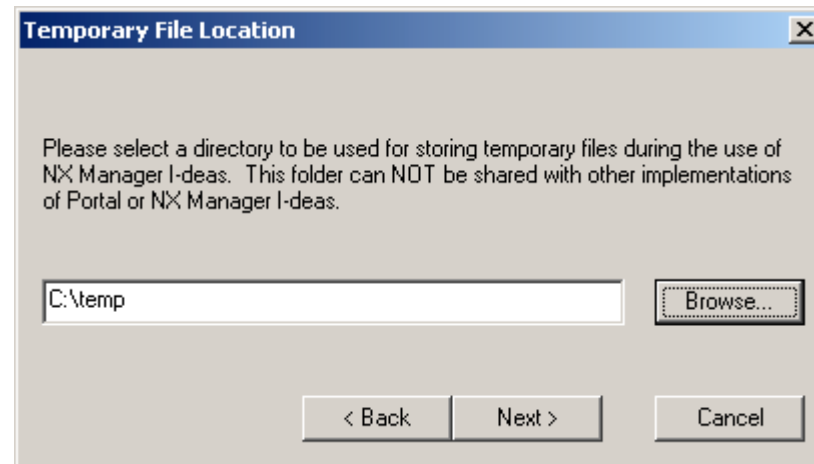


# STEP 6: Install NX Manager on Client

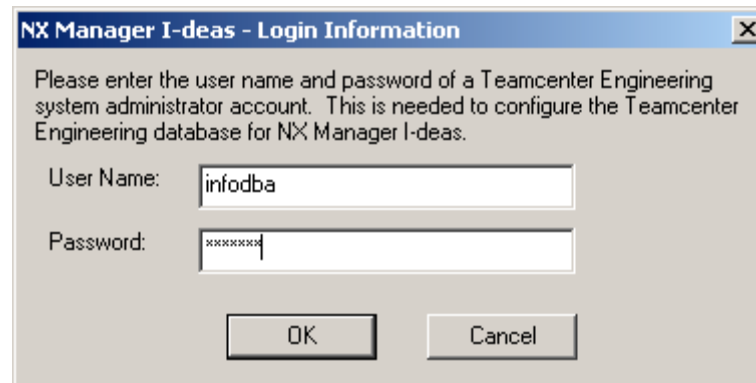
This is the shared drive off the TCEng client



# STEP 6: Install NX Manager on Client



# STEP 6: Install NX Manager on Client



The image shows a Windows-style dialog box titled "NX Manager I-deas - Login Information". The dialog has a blue title bar with a close button (X) in the top right corner. The main text inside the dialog reads: "Please enter the user name and password of a Teamcenter Engineering system administrator account. This is needed to configure the Teamcenter Engineering database for NX Manager I-deas." Below this text are two input fields. The first is labeled "User Name:" and contains the text "infodba". The second is labeled "Password:" and contains a series of asterisks "xxxxxxx". At the bottom of the dialog are two buttons: "OK" and "Cancel".

**NX Manager I-deas - Login Information**

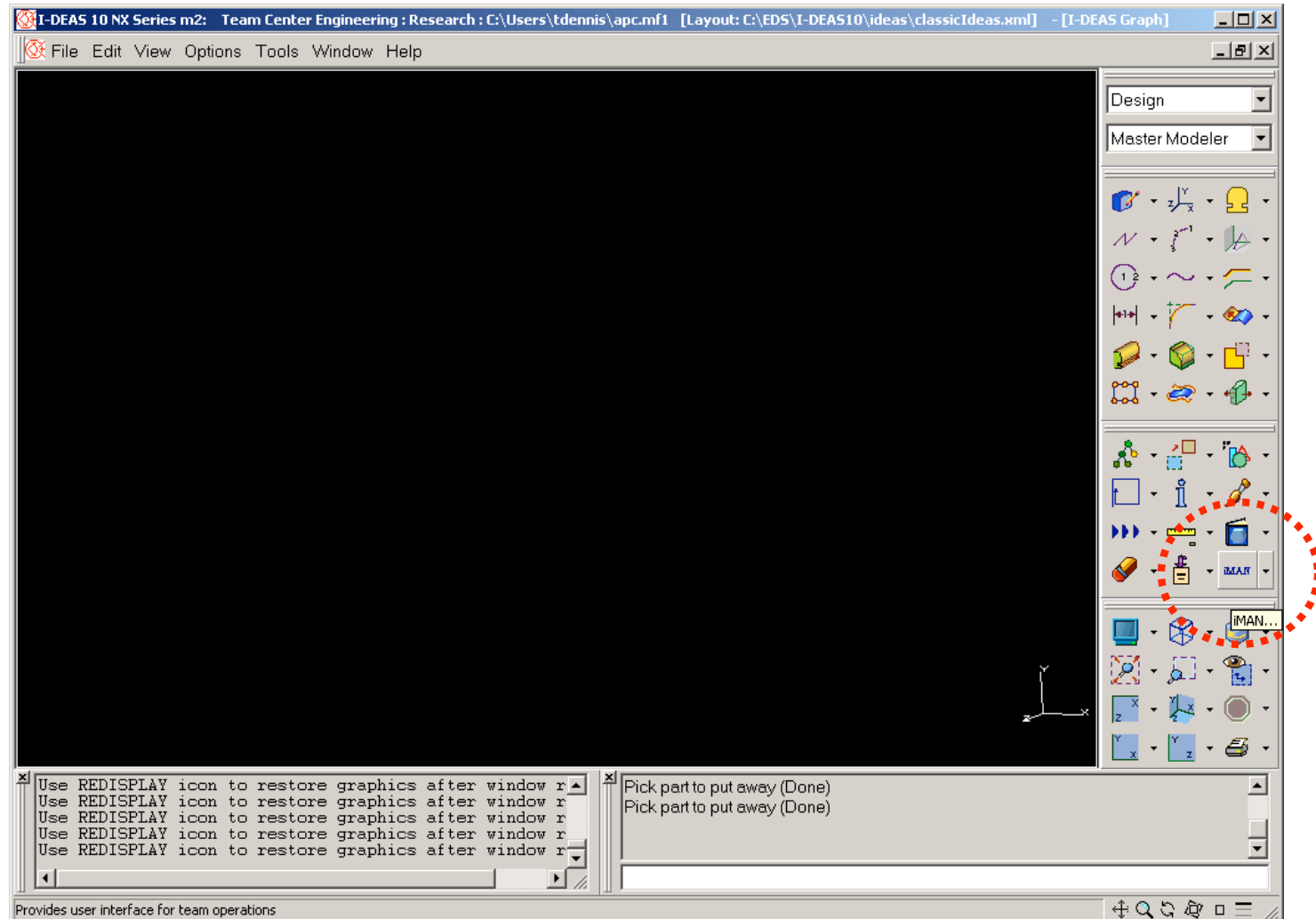
Please enter the user name and password of a Teamcenter Engineering system administrator account. This is needed to configure the Teamcenter Engineering database for NX Manager I-deas.

User Name:

Password:

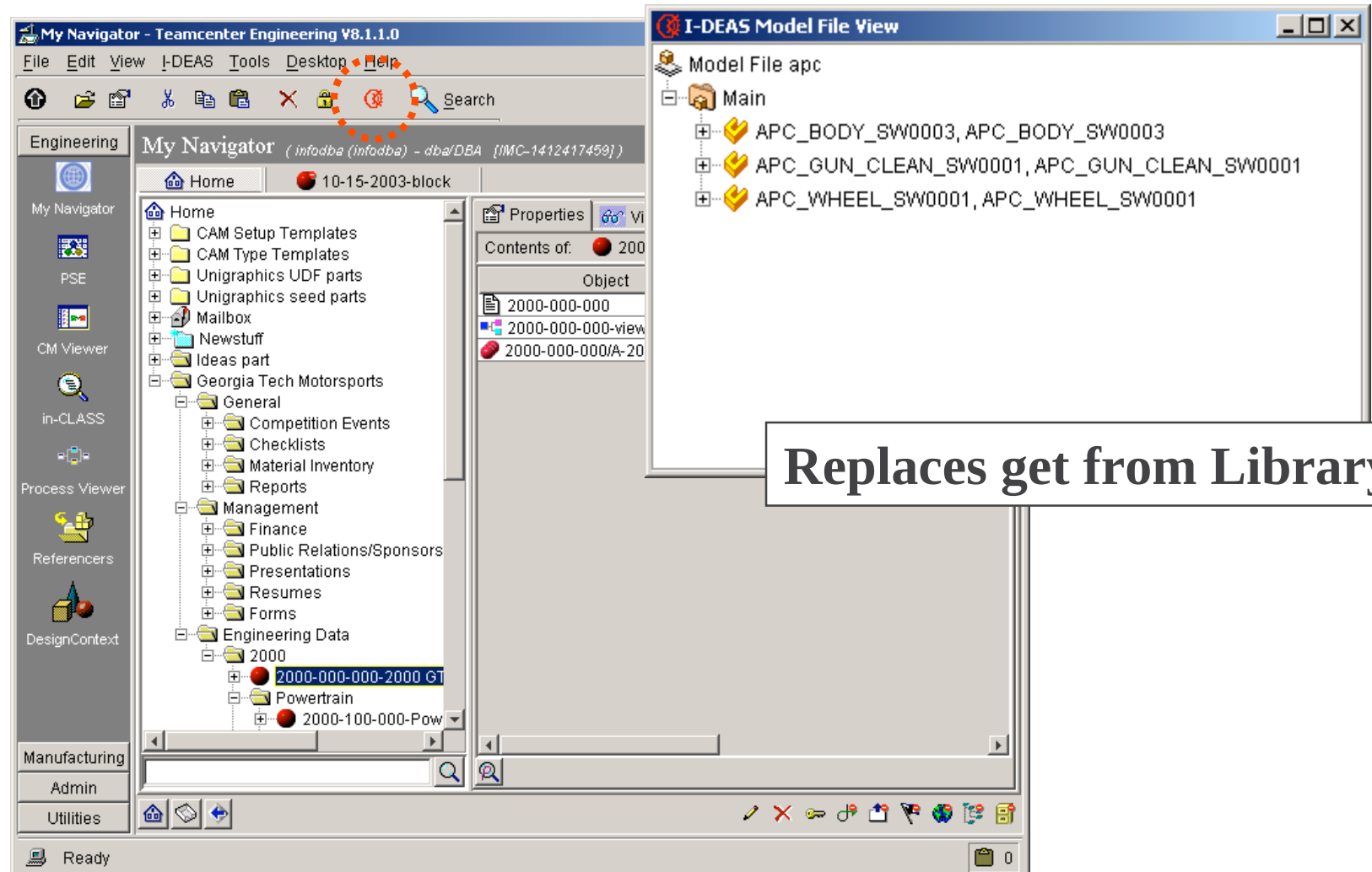
# Done

# Operation complete



# Done

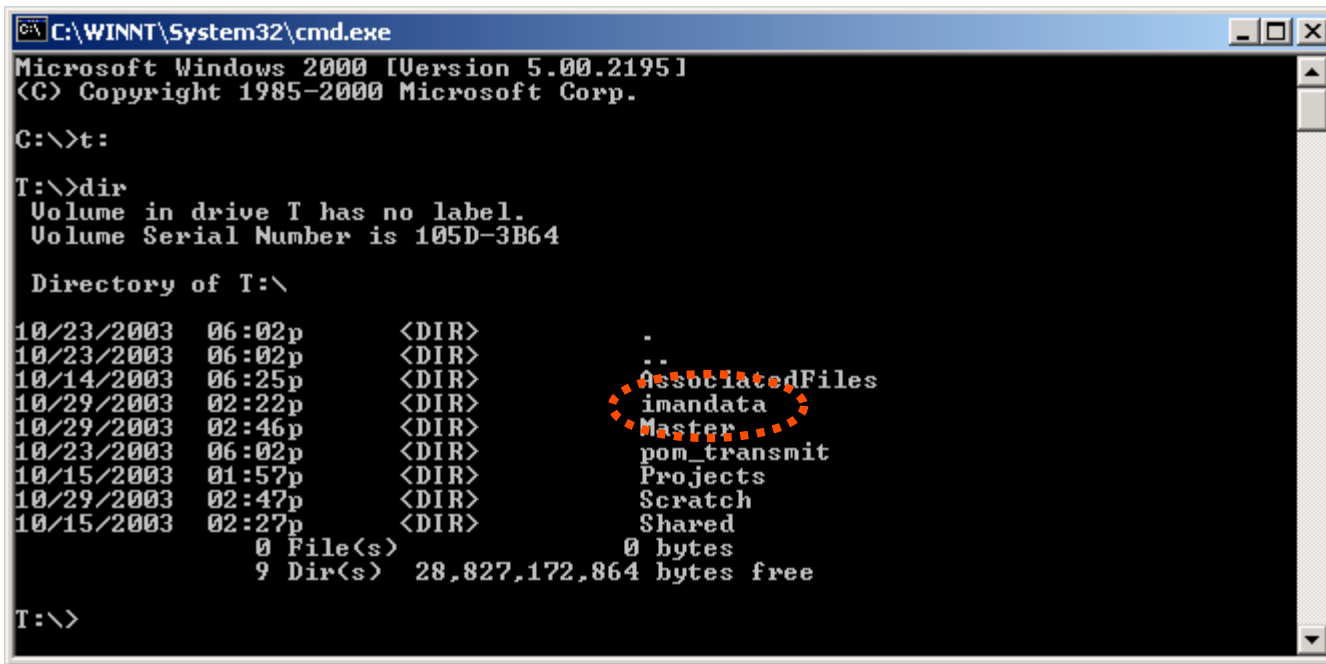
Operation complete



# Done

Operation complete

Mapped drives contains standard I-DEAS TDM directories  
Plus iman\_data directory



```
C:\WINNT\System32\cmd.exe
Microsoft Windows 2000 [Version 5.00.2195]
(C) Copyright 1985-2000 Microsoft Corp.

C:\>t:
T:\>dir
Volume in drive T has no label.
Volume Serial Number is 105D-3B64

Directory of T:\

10/23/2003  06:02p    <DIR>      .
10/23/2003  06:02p    <DIR>      ..
10/14/2003  06:25p    <DIR>      associatedFiles
10/29/2003  02:22p    <DIR>      imandata
10/29/2003  02:46p    <DIR>      Master
10/23/2003  06:02p    <DIR>      pom_transmit
10/15/2003  01:57p    <DIR>      Projects
10/29/2003  02:47p    <DIR>      Scratch
10/15/2003  02:27p    <DIR>      Shared
               0 File(s)                0 bytes
               9 Dir(s)  28,827,172,864 bytes free

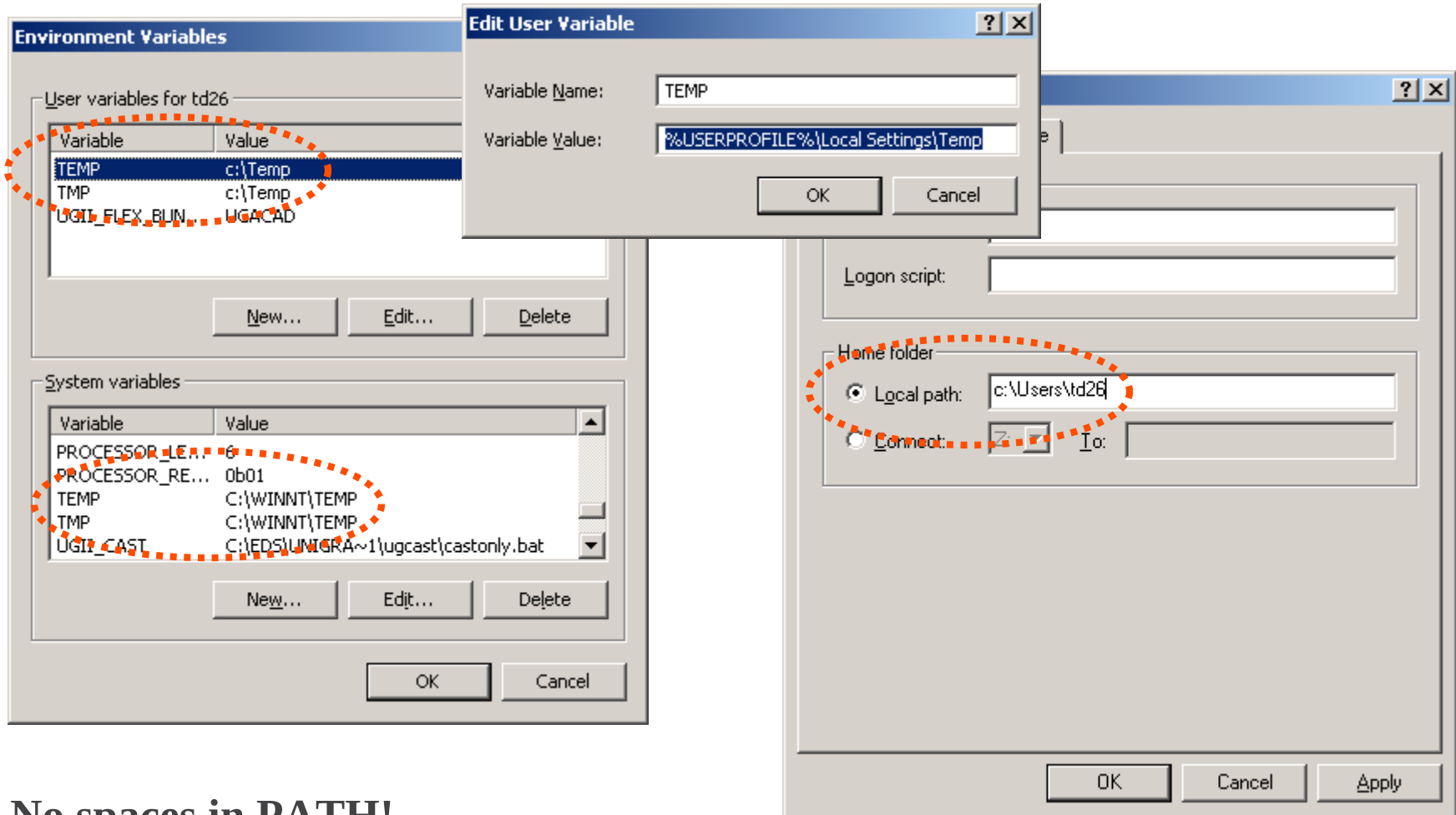
T:\>
```



# Tips and Troubleshooting

1. Path errors
2. Manually installing Orbix for I-DEAS:
3. Failure to configure the Team Center Engineering database for NX Manager I-DEAS
4. Error attaching to FLEXIm
5. Failure to launch the External data Manager
6. Failure to connect to I-DEAS
7. Customizing I-DEAS icons
8. Customizing TCEng interface

# Tip 1: Path errors



**No spaces in PATH!**

**C:\Documents and Settings\td26\Local Settings\Temp is the default and BAD!**

## Tip 2: Manually installing Orbix for I-DEAS:

Login as a user with administrative privileges

Click Start --> Run and type in cmd to get to a command prompt.

Change directories to your I-DEAS install directory and into the \bin directory

Example: `cd c:\EDS\I-DEAS10\bin`

Run the setup\_varbs.cmd file:

`setup_varbs.cmd`

Change directories to the I-Deas 10 install directory:

Example: `cd c:\EDS\I-DEAS10\Install`

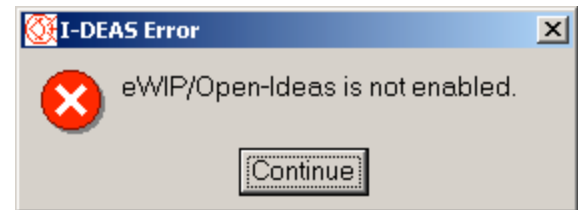
Run the orbix forced removal command:

`orbixe2ainstall.exe /r /f`

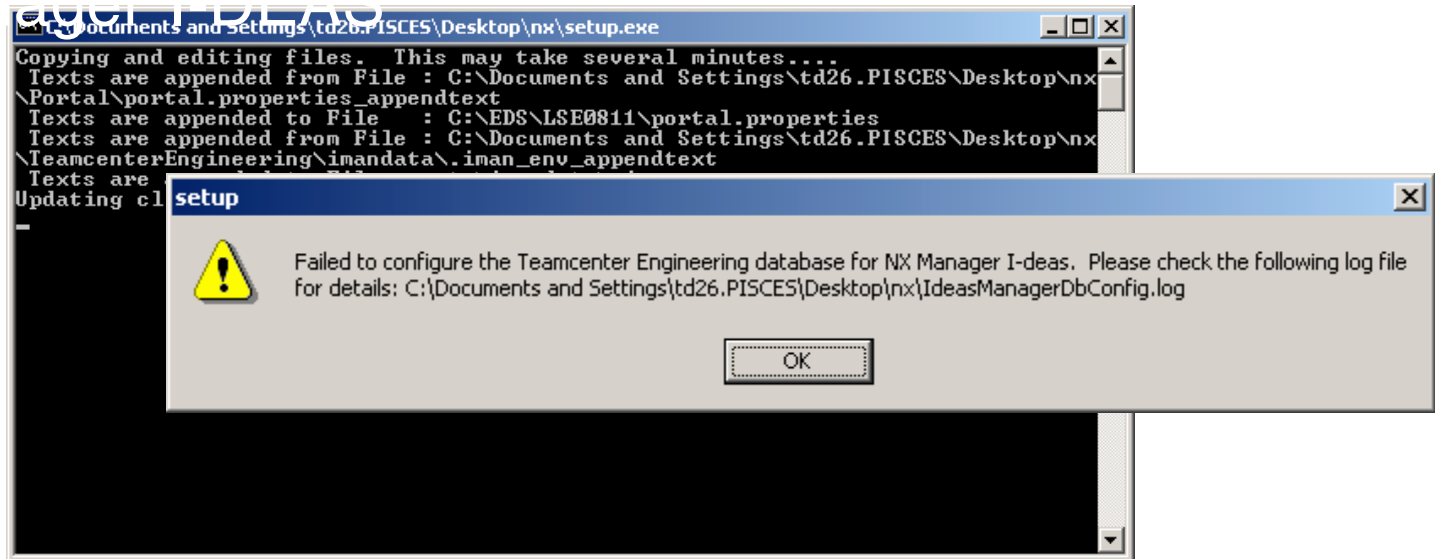
Run the orbix install command:

`orbixe2ainstall.exe /i`

You should now be able to start I-DEAS and use the translators that are dependent upon Orbix.



# Tip 3: Failure to configure the Team Center Engineering database



Processes: 0, Alive: 0, Dead: 0, Remote: 0, Other: 0

Attempting to Regenerate the schema file

Regenerated the schema file

Install terminated successfully

Attempting to generate a transmit file for the current version of the schema.

Started POM v81.1.0 ...

\*\*\* Error handler received error code 580027 \*\*\*

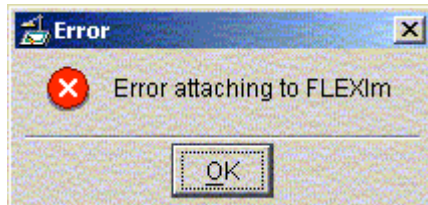
[OM\_write\_file failed to open C:\EDS\IMAN0811\pom\_transmit\dds\_is\_1412417459\_2\_Q168YTSwFJPF7A.om\_sch (errno 2)]

\*\*\* Caught an error while installing ... aborting!

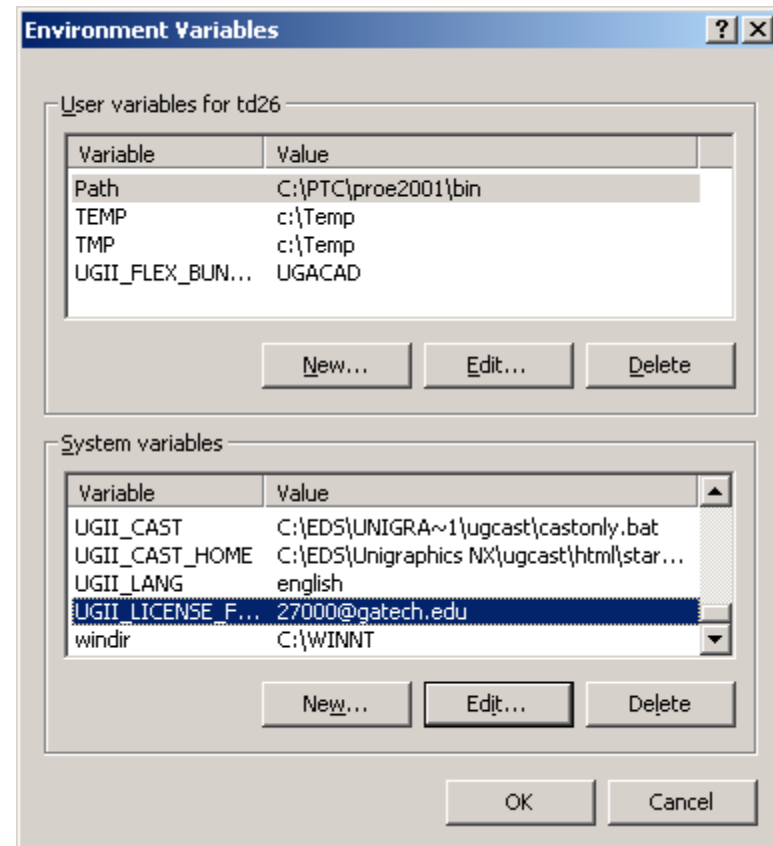
To fix this error copy the **pom\_transmit** folder from the **IMAN** directory of the **server** into the **IMAN** directory of the **client**

# Tip 4: Error attaching to FLEXlm

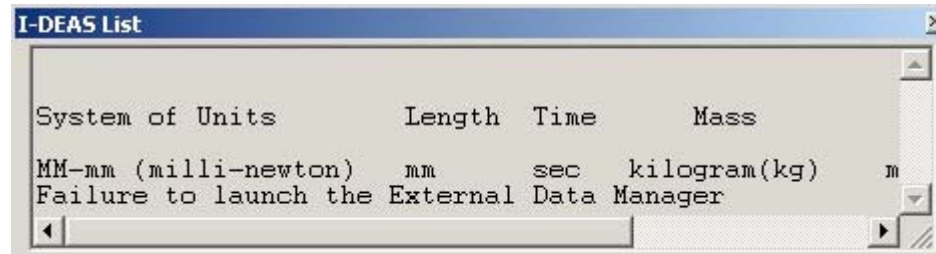
This error is commonly found on machines that have never run Unigraphics



To fix this you must manually set the environment variable  
UGII\_LICENSE\_FILE to point to your  
TCEng license



# Tip 5: Failure to launch the External data Manager

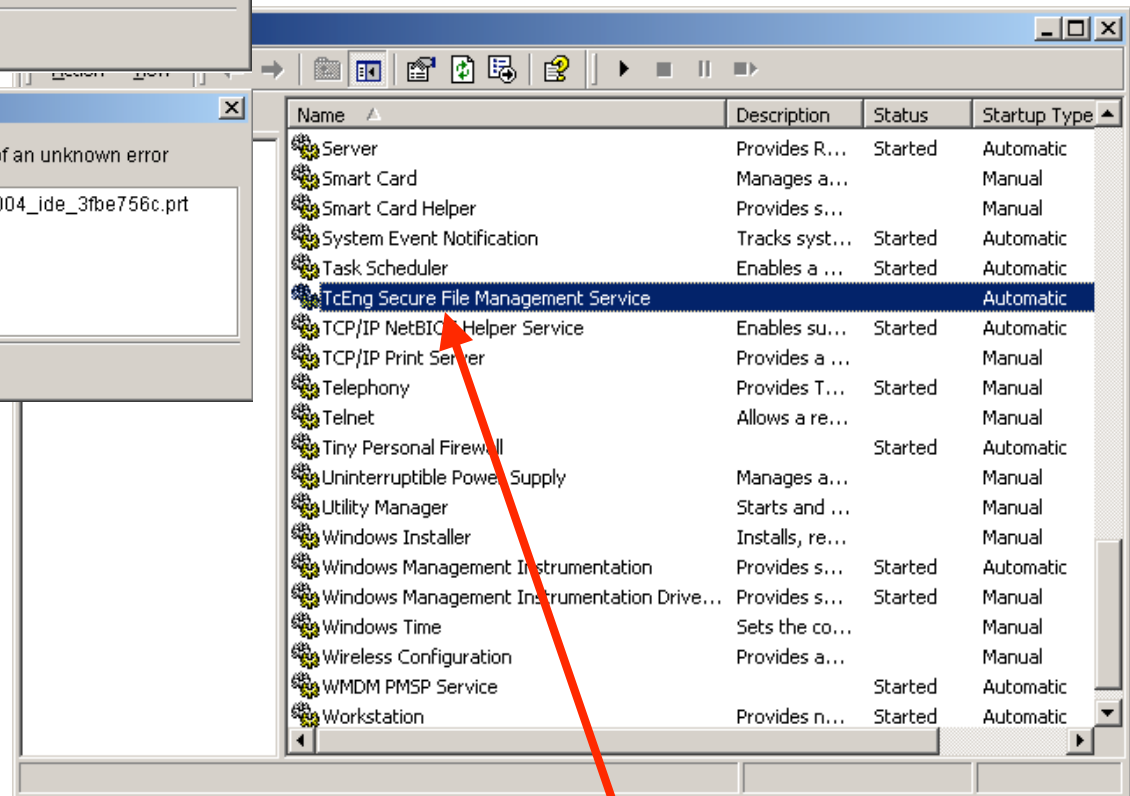
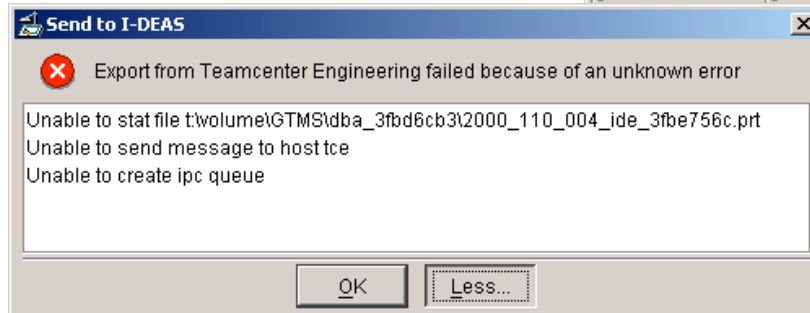
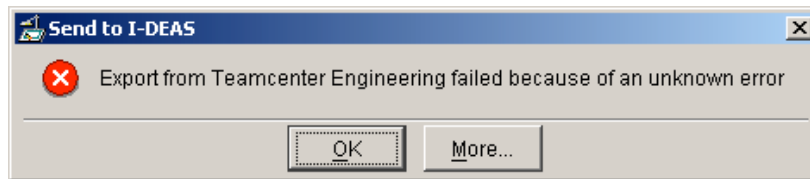


To fix this check that the environment variable **EDS\_IMAN** in the **ideas\_envv.cmd** file points to your **IDNPortal.bat** file

```
if X%EDS_IMAN% == X set EDS_IMAN=C:\EDS\LSE0811\IDNPortal.bat
```

My **ideas\_envv.cmd** file lives in **C:\EDS\I-DEAS10\ideas\**

# Tip 6: Failure to connect to I-DEAS



Start

# Tip 7: Customizing I-DEAS icons

**Change** `CmdMenuLabel = "iMAN..."`

**To** `CmdMenuLabel = "TCEng"`

**In**

`draftingCommands.xml`

`ideasCommands.xml`

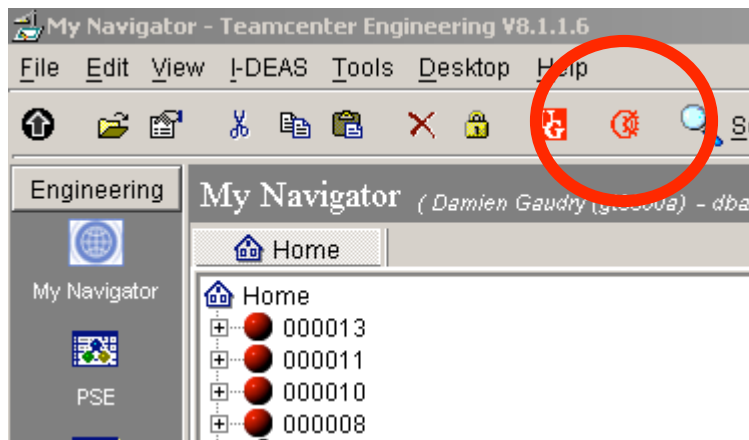
**To change icon text**



# Tip 8: Customizing TCEng interface

Icon controlled by variable in **.iman\_env** file {similar to **.ideas\_paramX**}

Can be found in **imandata** folder



# Turn ON/OFF the Ideas related Menu's in the portal

IMAN\_show\_open\_in\_ideas\_button=true

Other useful variables:

IDEAS\_part\_create\_jt=YES

IDEAS\_assembly\_create\_jt=YES

TDM\_SITE\_NAME=ideastdm