

Otis

A United Technologies Company

PDMLink

Resolving Ghost Objects

Scott Armstrong – OECF

Nick Ely - Bloomington

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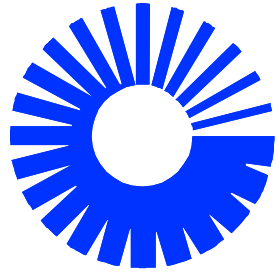
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Ghost Object Tips

Ghost Object: An incomplete CAD object created by PDMLink to satisfy a relationship from within Pro/E

Ghost Object Tips

Ghost Objects can be time consuming and complex to resolve and may require multiple methods defined within this document to resolve. In some cases you may not be able to remove the Ghost Object referenced and may need to recreate CAD Objects. You may also create a “fake” CAD Object that is named the same as the Ghost Object (*note: this is not recommended and is considered a violation of Otis’ standard modeling, assembly, and drafting practices. This method may only be used by approval of Scott Armstrong, Ray Drennen, or Nick Ely after all other options have been exhausted*).

Suppressed Family Table Objects

In some cases Ghost Objects are created in a workspace due to suppressed family table objects. To resolve this type of Ghost Object you simply need to open and save the object to your workspace.

Pro/Program Objects

In some cases Ghost Objects are created in a workspace due to objects within Pro/Program that have not been brought into session. To resolve this type of Ghost Object you simply need to open and save the object to your workspace.

You may need to review the Pro/program and remove all execute statements referenced by the missing part numbers.

Merged Feature Objects

Some part files may contain a Ghost Object caused by a reference when a Merged Feature is created. There are two methods to resolve this issue. First try to open and save the referenced object to your workspace. If the object does not exist try to change the merged feature from dependant to independent by editing the definition of the feature.

Ghost Object Tips

Casper Ghosts

These are friendly Ghosts, there is no way to tell the difference by looking at them. If the Pro/E files have previously been checked in (not just uploaded) the Ghost are probably ok and you wont need to worry about them. There are two easy ways to fix Casper Ghosts:

1. Select the Ghost and click Update.
2. Go ahead and try and check in the items that you need to. PDMLink and Pro/E will sometimes create Ghosts and then it will remove them automatically upon check in. If you get an error check the event manager and if it is due to a Ghost proceed to the appropriate section to resolve.

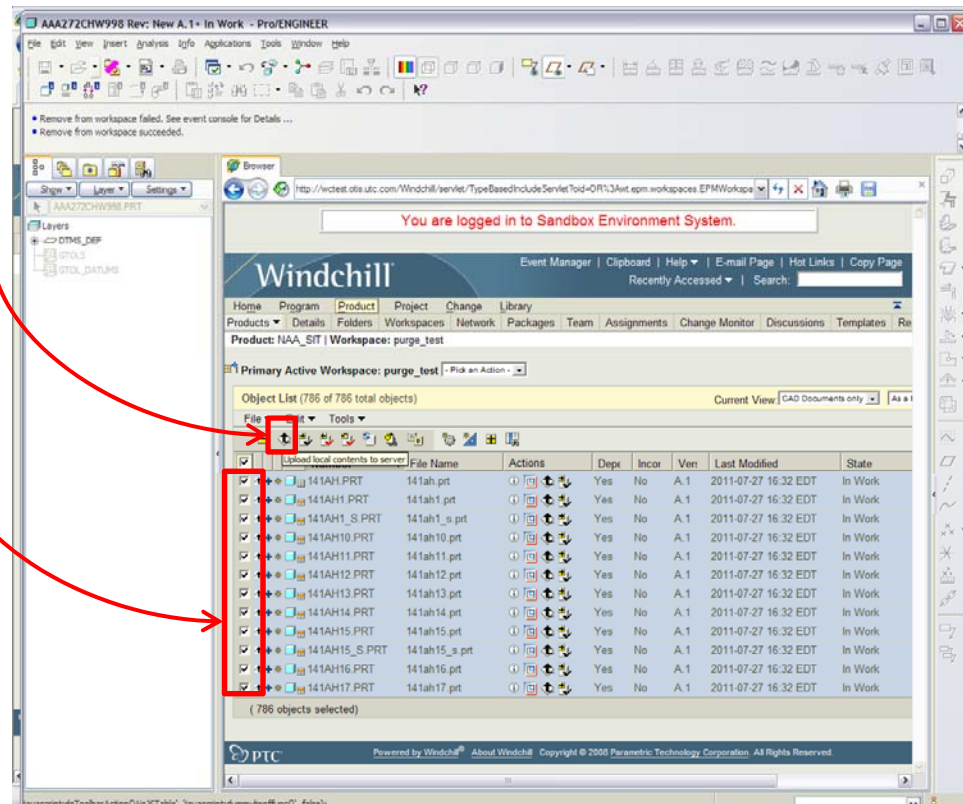
Ghost Object Tips

Referential Integrity Violation

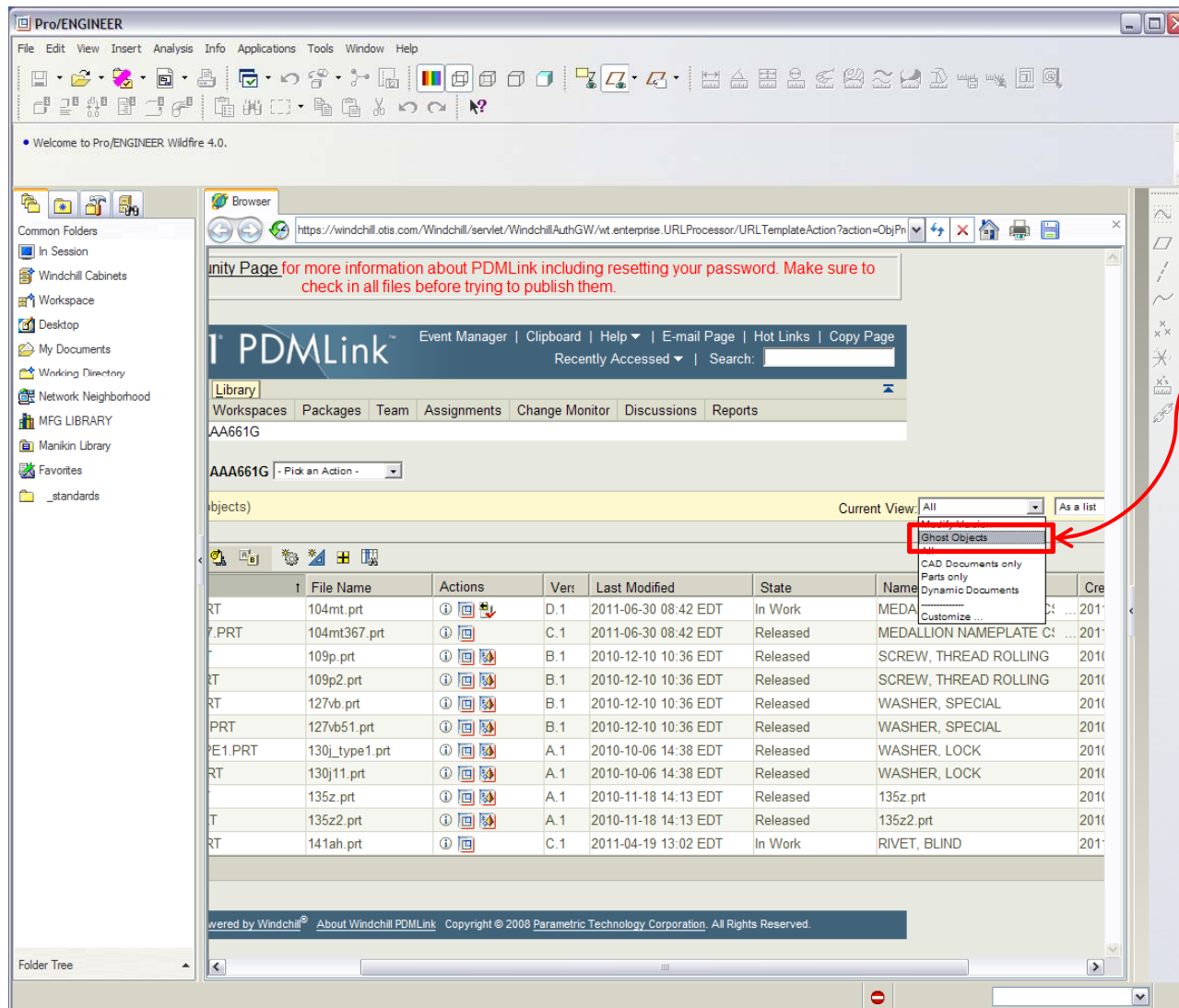
In some cases you may get this when you try and remove/delete a Ghost from your workspace. This simply means that there is an object on your server side workspace that is referencing the ghost (you can upload Ghosts and Pro/E files that reference Ghosts, but you cannot check them in). To resolve this you must upload the Pro/E files that had a reference to the Ghost before you broke the relationship.

Select Upload ②

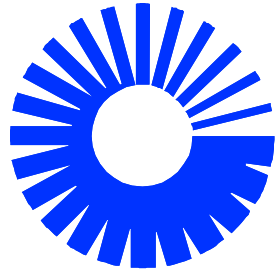
Select the Items to upload ①



Ghost Object Tips



You can change the view to only show Ghost Objects in your Workspace



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Removing Drawing Ghost Objects Config.pro Method

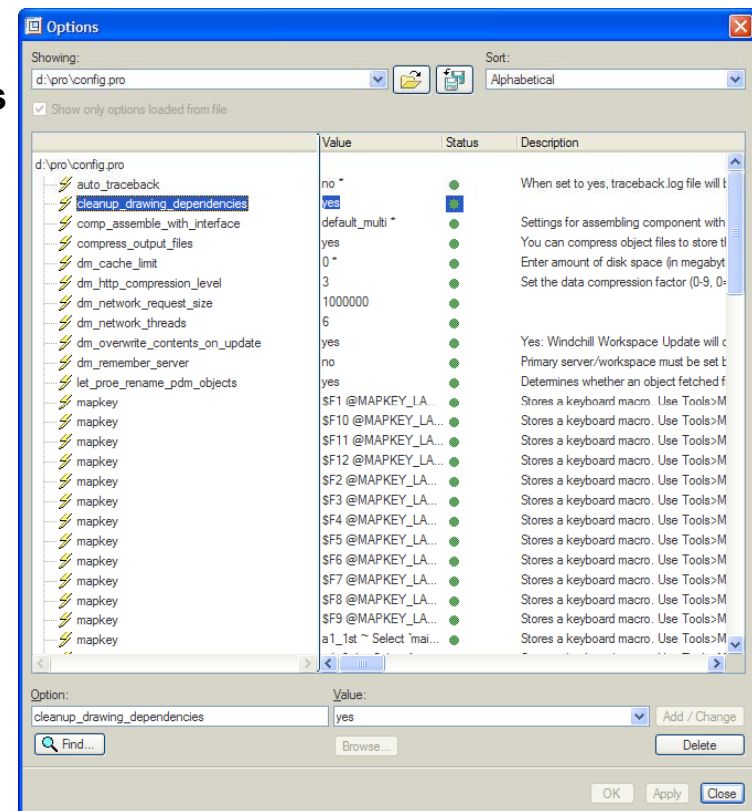
Removing Drawing Ghost Objects

Another method for removing ghost objects from a drawing is to set Pro Engineer configuration settings to allow for missing dependencies to be removed.

Note users must change the config.pro settings for this function to work.

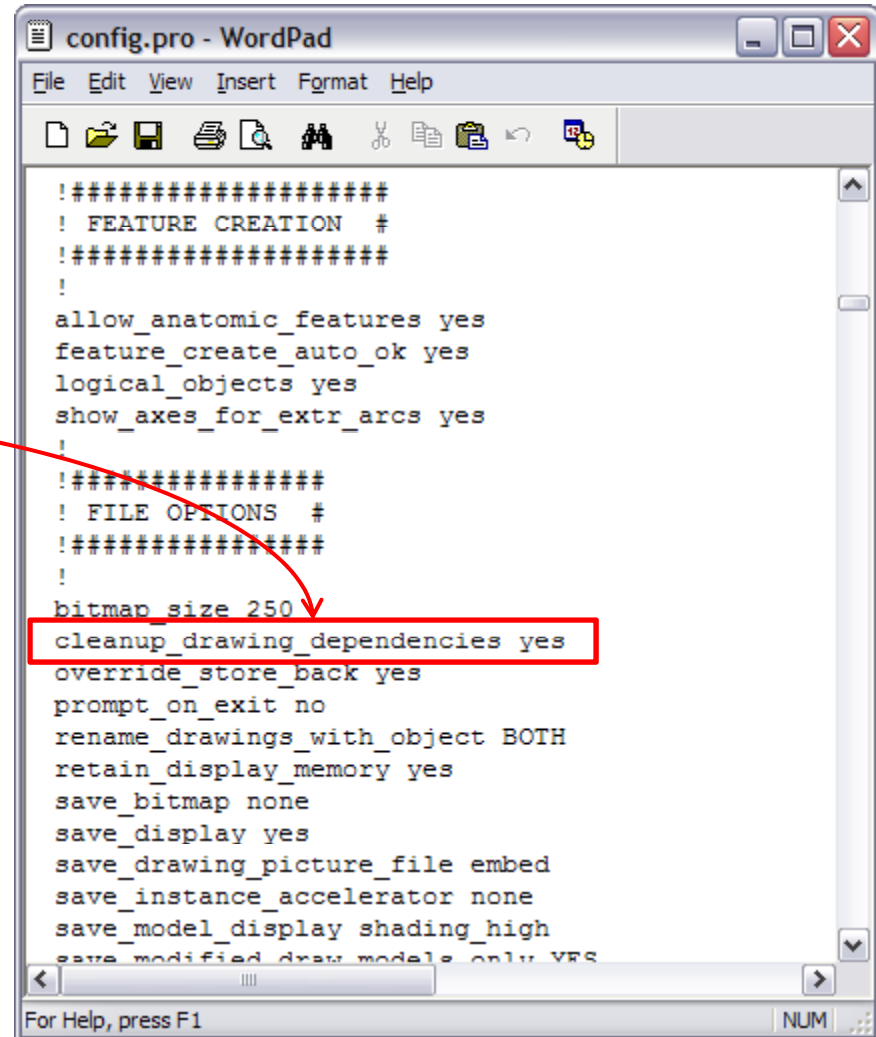
Perform the following steps to setup:

1. In Pro Engineer click Tools – Options
2. In the Options field type **cleanup_drawing_dependencies** (this is a hidden option and MUST be typed exactly)
1. In the Value field type Yes
2. Select the Add/Change button
3. Select Apply
4. Select OK
5. Select Close



Removing Drawing Ghost Objects

You may also edit
your config manually



```
config.pro - WordPad
File Edit View Insert Format Help

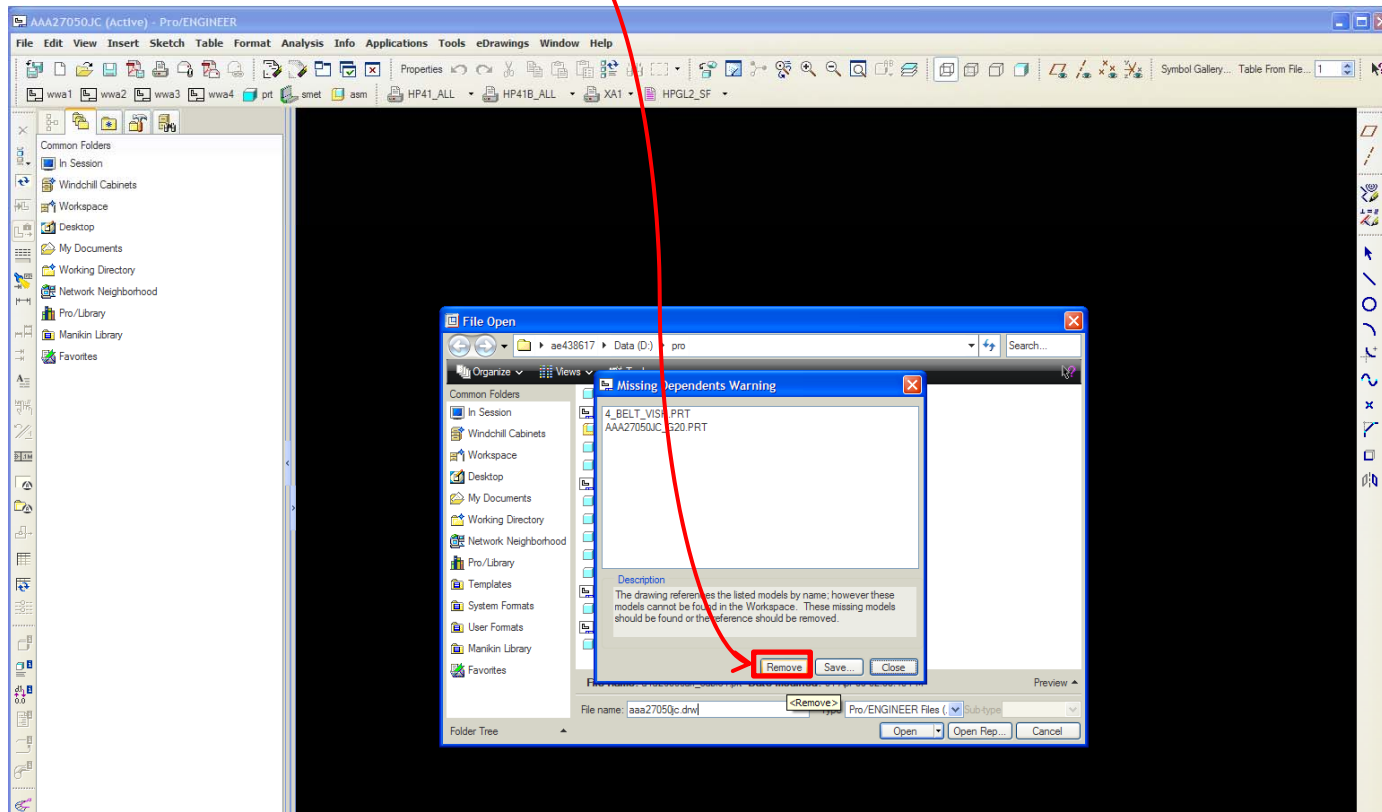
!#####
! FEATURE CREATION #
!#####
!
allow_anatomic_features yes
feature_create_auto_ok yes
logical_objects yes
show_axes_for_extr_arcs yes
!
!#####
! FILE OPTIONS #
!#####
!
bitmap_size 250
cleanup_drawing_dependencies yes
override_store_back yes
prompt_on_exit no
rename_drawings_with_object BOTH
retain_display_memory yes
save_bitmap none
save_display yes
save_drawing_picture_file embed
save_instance_accelerator none
save_model_display shading_high
save_modified_draw_models only YES

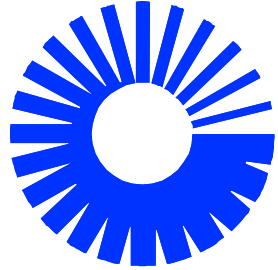
For Help, press F1
```

Removing Drawing Ghost Objects

When connected to PDMLink and opening a drawing that contains missing references the Missing Dependents Warning window will open.

Select Remove to break missing references. ①





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Removing Drawing Ghost Objects

Removing Drawing Ghost Objects

In some cases a user may find a ghost object that is not related to a CAD part or assembly but is associated to the drawing CAD Object only.

The screenshot shows the Windchill PDMLink interface. At the top, there is a navigation bar with 'Home', 'Product', 'Change', and 'Library' tabs. Below this is a secondary navigation bar with 'Products', 'Details', 'Folders', 'Workspaces', 'Packages', 'Team', 'Assignments', 'Change Monitor', 'Discussions', and 'Reports'. The main content area displays 'Product: NAA_SIT | Workspace: TRAINING' and 'Primary Active Workspace: TRAINING'. Below this is an 'Object List (7 of 7 total objects)' section. The table below shows the following data:

	Number	File Name	Actions	Created On	Version	Last Modified	State	Name
<input type="checkbox"/>	WWA2.FRM	wwa2.frm		2010-08-17 09:34 EDT	A.1	2010-08-17 14:57 EDT	Released	wwa2.frm
<input type="checkbox"/>		aaa316grk.drw		2011-05-23 12:16 EDT		2011-05-23 12:16 EDT		aaa316grk.drw
<input type="checkbox"/>		aaa316grk.prt		2011-05-23 12:16 EDT		2011-05-23 12:16 EDT		aaa316grk.prt
<input type="checkbox"/>		aaa316grk1.prt		2011-05-23 12:16 EDT		2011-05-23 12:16 EDT		aaa316grk1.prt
<input type="checkbox"/>		aaa316grk2.prt		2011-05-23 12:16 EDT		2011-05-23 12:16 EDT		aaa316grk2.prt
<input type="checkbox"/>		aaa316grk3.prt		2011-05-23 12:16 EDT		2011-05-23 12:16 EDT		aaa316grk3.prt
<input type="checkbox"/>		test.asm		2011-05-23 12:16 EDT		2011-05-23 12:16 EDT		test.asm

A red box highlights the 'test.asm' row, and a red arrow points from the text 'Ghost Object' below to this row. The interface also shows '(0 objects selected)' at the bottom of the table area.

Ghost Object

Removing Drawing Ghost Objects

Click Resume

4

1

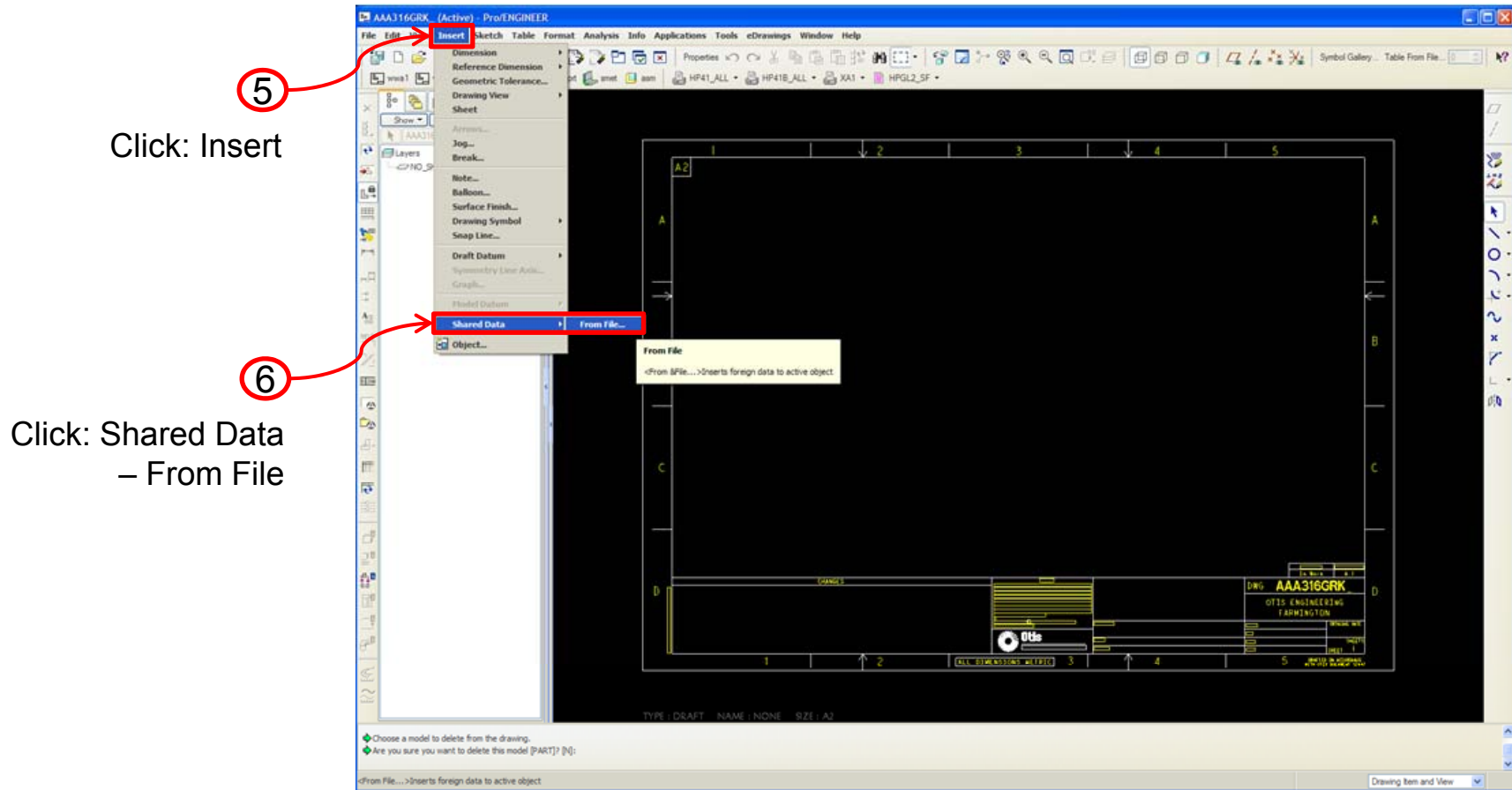
2

3

Type the drawing number and add an “_” after the original number.
Example: AAA316GRK becomes AAA316GRK_

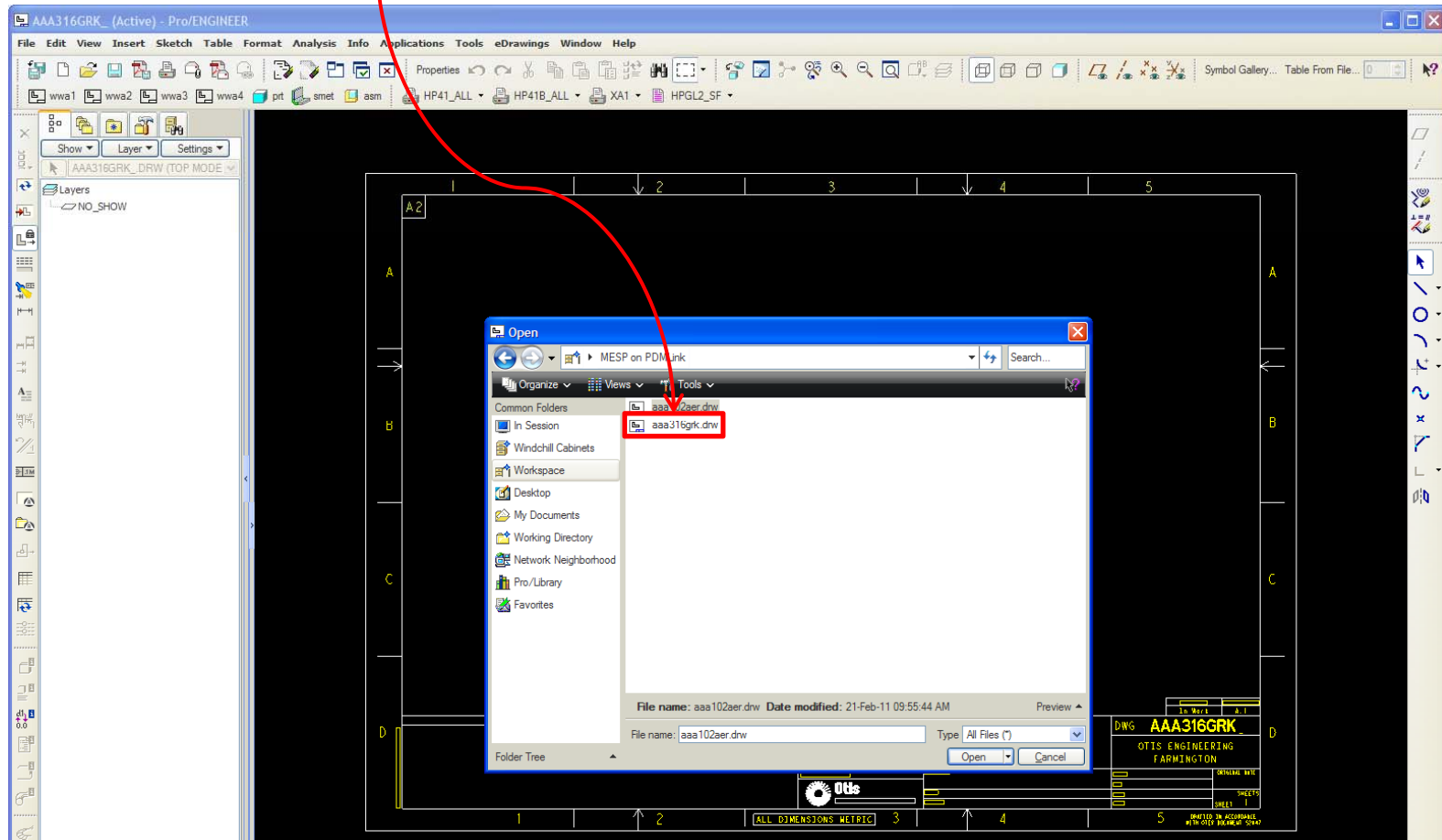
Type the Common Name

Removing Drawing Ghost Objects

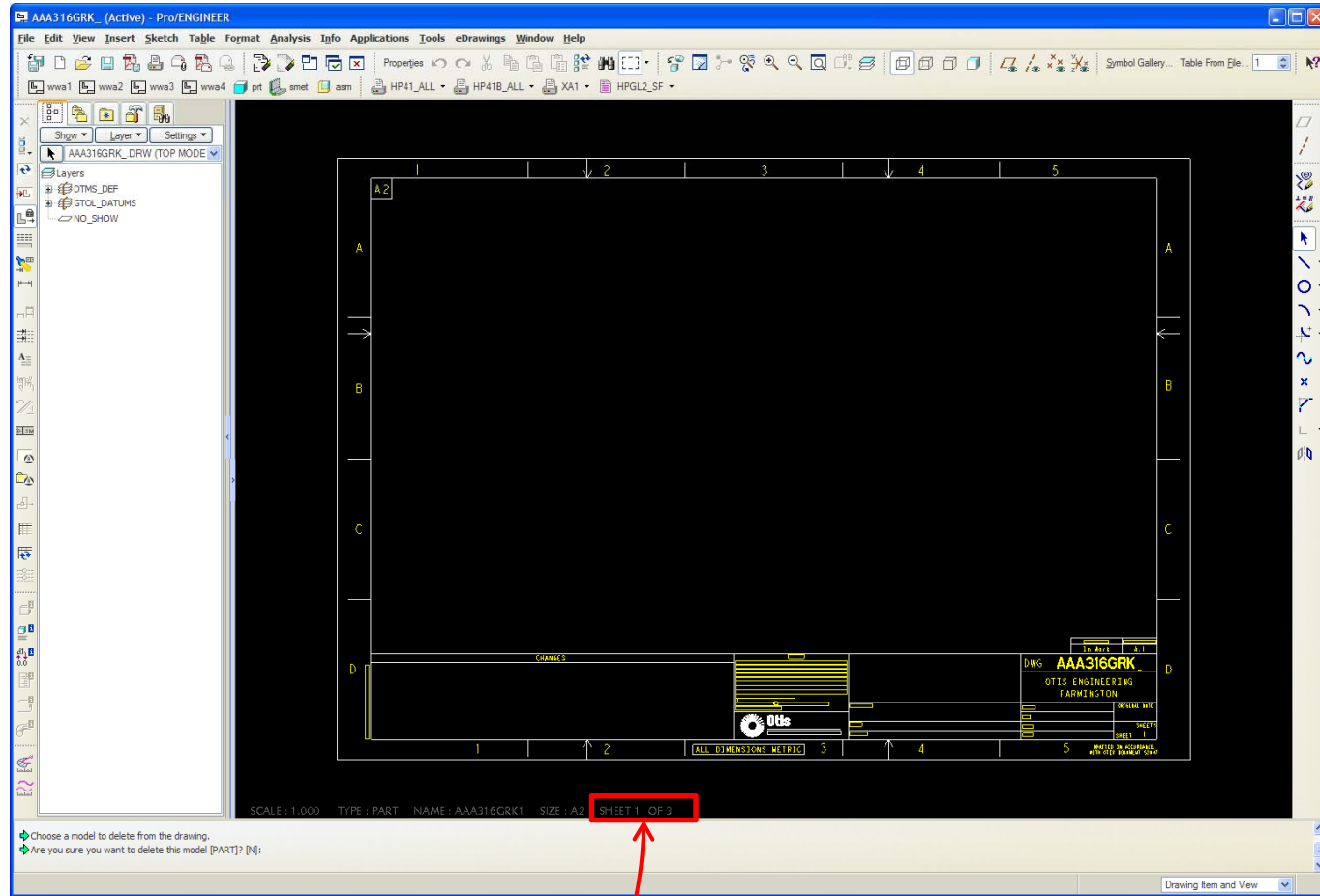


Removing Drawing Ghost Objects

7 Select the drawing containing the Ghost Objects. In this example the drawing is AAA316GRK.



Removing Drawing Ghost Objects



You will notice that the drawing now contains 3 sheets. The drawing AAA316GRK has been imported into drawing AAA316GRK_

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Company Private

Removing Drawing Ghost Objects

Select: Edit 9

Select: Remove - Sheets 10

11
Type "1" to remove sheet 1

Sheet numbers [QUIT]: 1

Removing Drawing Ghost Objects

12
Select: File

13
Select: Rename

AAA316GRK_(Active) - Pro/ENGINEER

File Edit View Insert Sketch Table Format Analysis Info Applications Tools eDrawings Window Help

New... Ctrl+N
Open... Ctrl+O
Set Working Directory...
Close Window
Check Out...
Revise and Check Out...
Undo Check Out...
Check In
Update
Refresh Database Status Column
Save Ctrl+S
Save a Copy...
Save and Upload
Save Changed
Backup...
Update and Integrate
Rename
Security
Erase
Instance Operations
Integrate...
Page Setup...
Print... Ctrl+P
Send To
Properties
1 wtpub://PDMlink/.../aaa316grk.drw
Exit

Model: AAA316GRK_DRW
New Name: AAA316GRK
Common Name: BRACKET
OK Cancel

DATE	PART	VENDOR	VENDOR BASE PART NO.	REMARKS
2003-11-11	AAA316GRK1		300-8005	
2003-11-11	AAA316GRK2	ELECTRONIC MICRO SYSTEMS	300-8016	PAINTED BLACK
2003-11-11	AAA316GRK3		300-1017	

NOTES:
1. BREAK SHARP EDGES AND CORNERS
2. VENDOR COMPLETE PART NUMBER BY ADDING DASH AND TWO DIGITS TO END OF BASE PART NUMBER AND INDICATE THE PART REVISION LEVEL

REV DATE 2003-11-11 2003-11-11
SHEET NO 1 2

CHANGES
2003-11-11 PM 2002-09-05: ADDED TOLERANCE BLOCK & REMARKS COLUMN. REMOVED SPEAKER, FROM RIMS, HARDWARE AND BACKING PLATE FROM ALL VIEWS. UPDATED ALL VIEWS. UPDATED DIMENSIONS FOR HOLES AND HOLES. ADDED "BASE" AND NOTE 2 REFERENCE TO VENDOR PART NUMBER COLUMN. REMOVED NOTE 3. CHANGED DIMENSIONS FROM REFERENCE TO HARDWARE HOLES. WHERE NOTED, GRK1 VENDOR PART NO IS OTIS SON P/LT. MOVED MATERIAL FROM PART TABLE TO TITLE BLOCK. REVISED NOTE 2. SEE SHEET 2. (PFCAT0307)SWIG-HELLER

AAA316GRA1

DWG: AAA316GRK
OTIS ENGINEERING
BLOOMINGTON

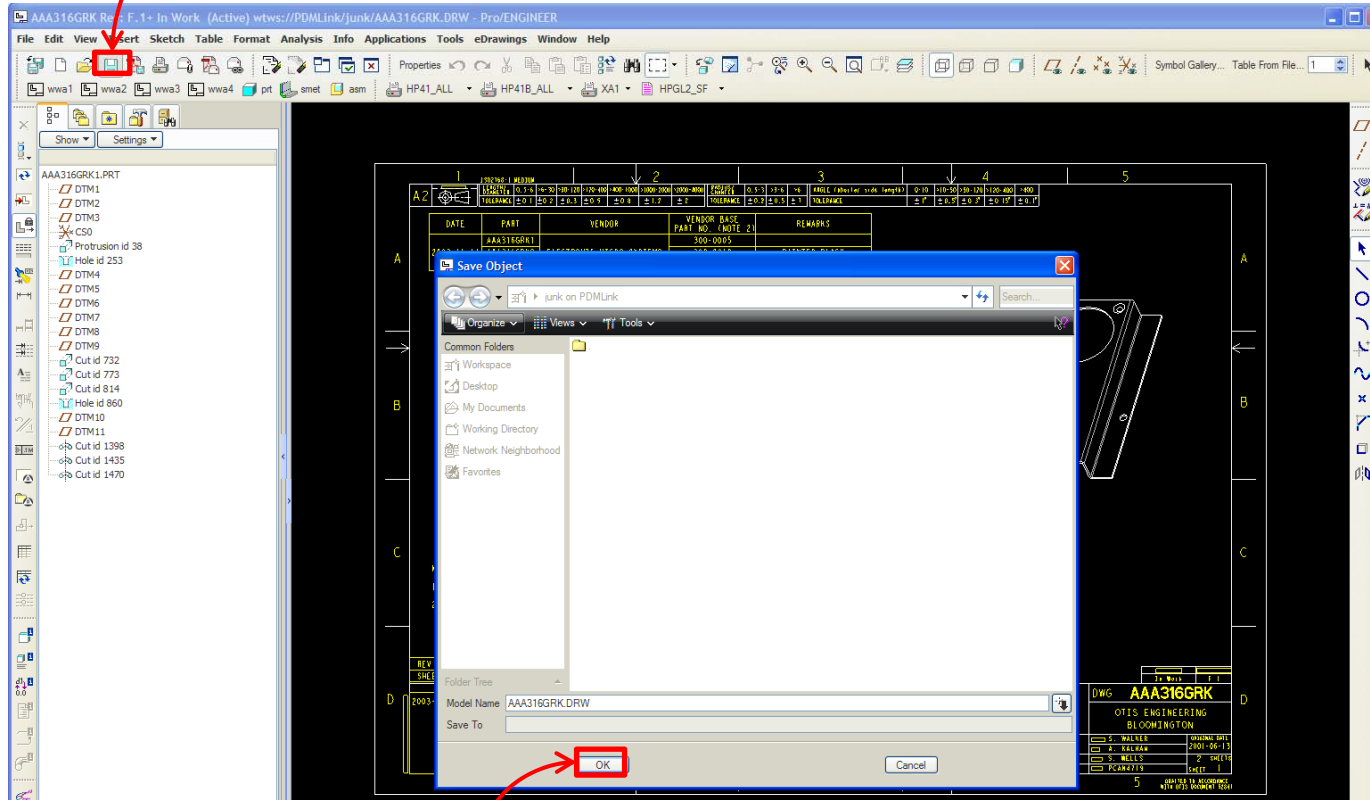
14 Rename the drawing to the original file name. Example: AAA316GRK_ becomes AAA316GRK

16 Click: OK

15 Type the Common Name

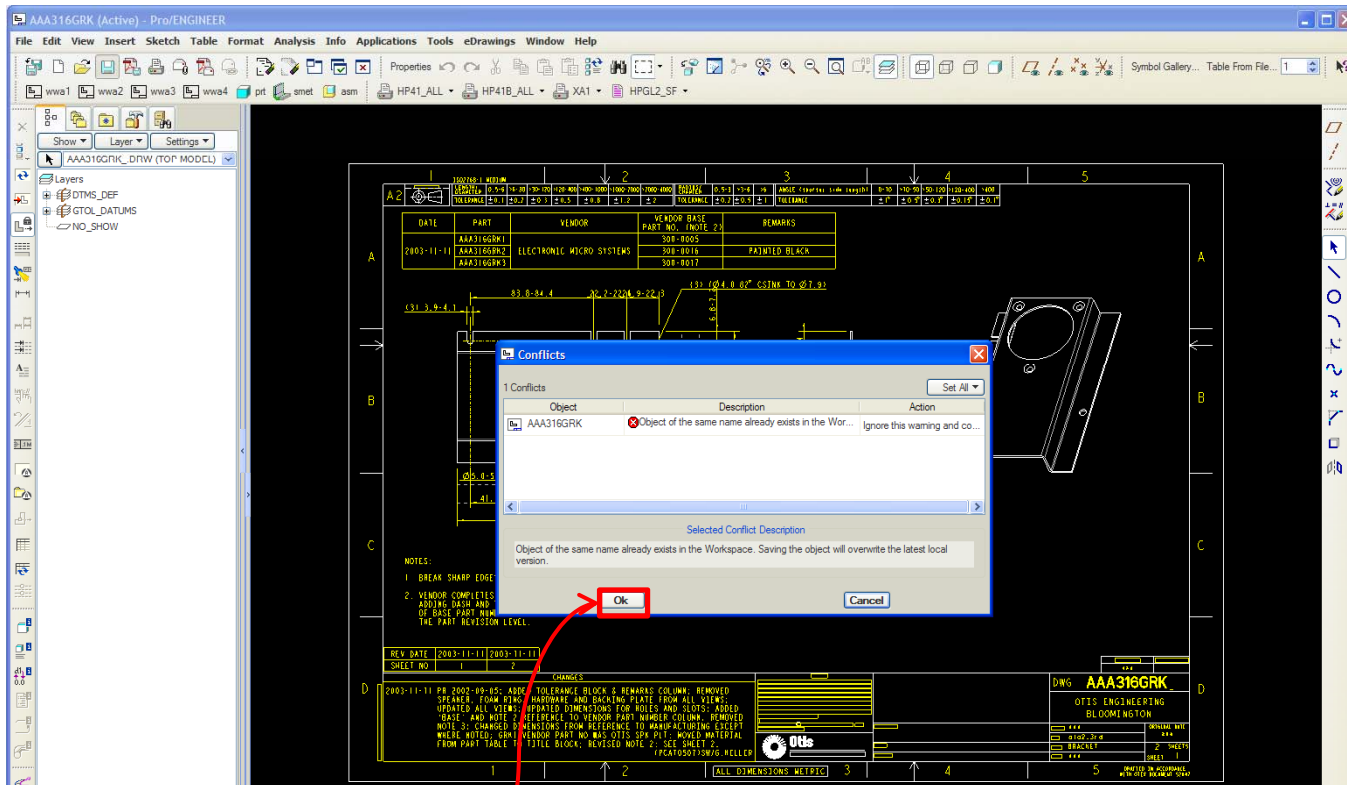
Removing Drawing Ghost Objects

17 Select: Save



Select: OK 18

Removing Drawing Ghost Objects



Select: OK **19**

Removing Drawing Ghost Objects

20 Return to the Active Workspace

22 Click the Remove From Workspace Icon

21 Click on the Ghost Object

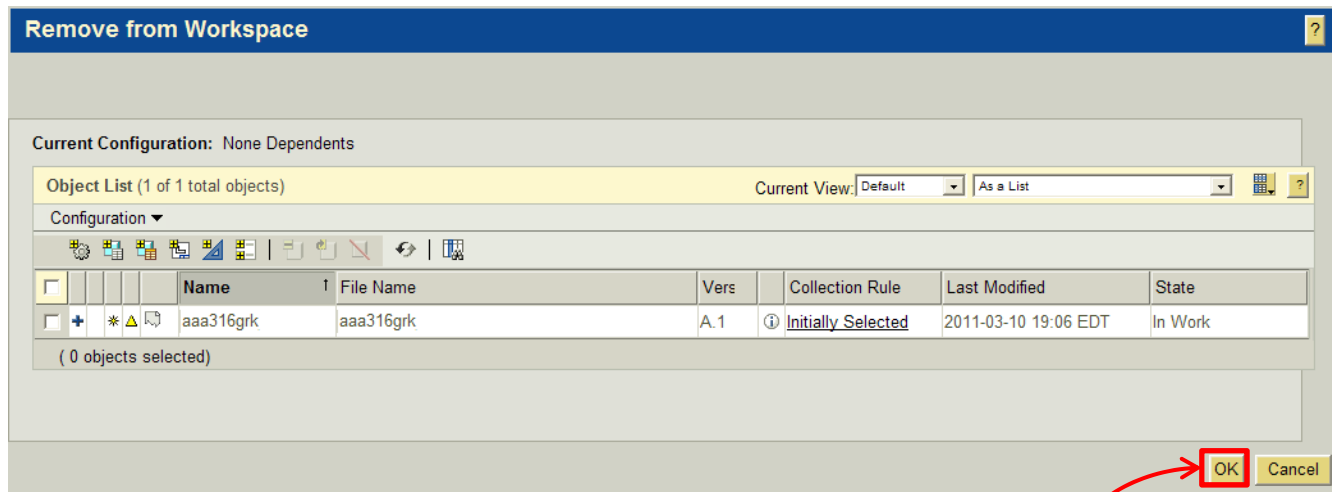
Windchill PDMLink

Primary Active Workspace: MESP

File	Edit	Tools	File Name	Name	Actions	State	Ver
			test.asm	test.asm			
			WWA4.FRM	wwa4.frm		Released	A.1
			WWA2_PDMLINK.FRM	wwa2_pdmlink.frm		Released	A.1
			WWA2.FRM	wwa2.frm		Released	A.1
			MCA1.FRM	mca1.frm		Released	A.1
			ISO8752_4x22Z.PRT	iso8752_4x22z.prt		Released	A.1
			ISO8752.PRT	iso8752.prt		Released	A.1
			ISO4032M16_0_Z.PRT	iso4032m16_0_z.prt		Released	A.1
			ISO4032.PRT	iso4032.prt		Released	B.2
			ISO1234_4x25Z.PRT	iso1234_4x25z.prt		Released	A.1
			ISO1234.PRT	iso1234.prt		Released	A.1
			DIN6912MBX25_0_BB.PRT	din6912mbx25_0_bb.prt		Released	A.1
			DIN6912.PRT	din6912.prt		Released	A.1

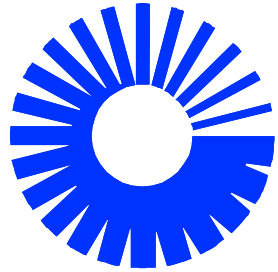
(1 objects selected)

Removing Drawing Ghost Objects



Select: OK **23**

24 Return to your workspace and verify that the Ghost Object has been removed.



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Removing Assembly Ghost Objects

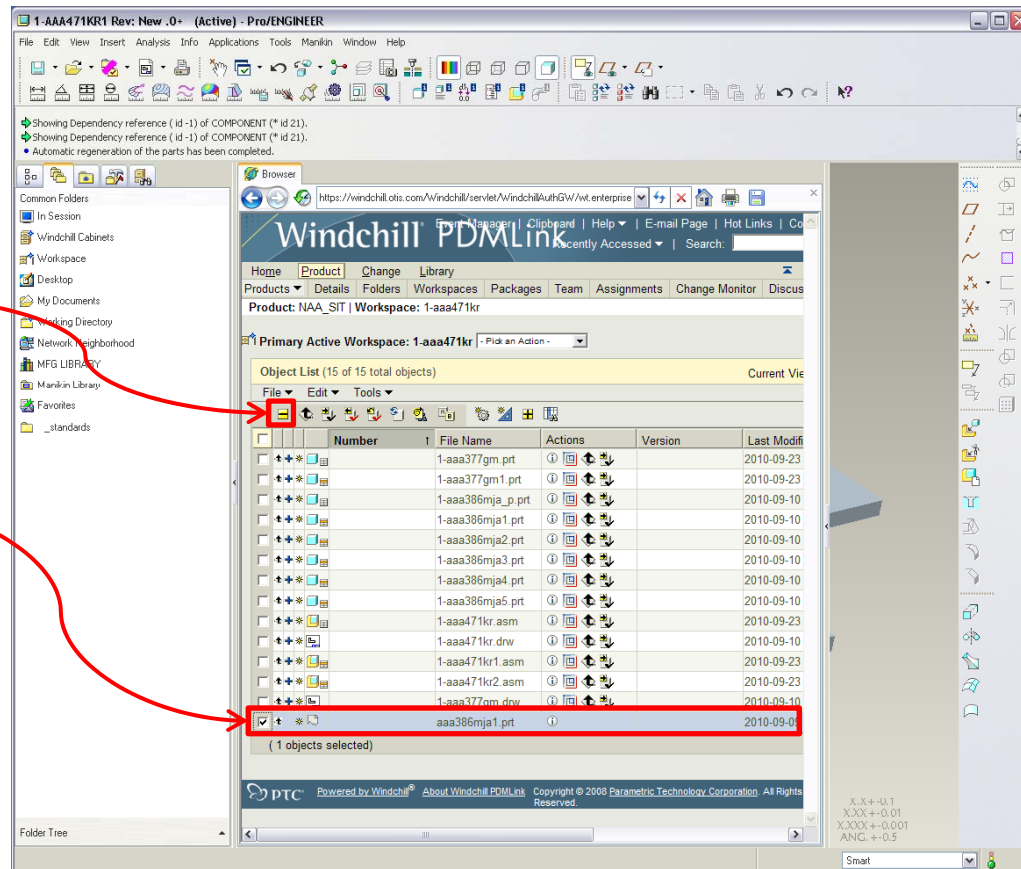
Removing Assembly Ghost Objects

Purpose: To remove Ghost objects (missing dependencies) from an assembly

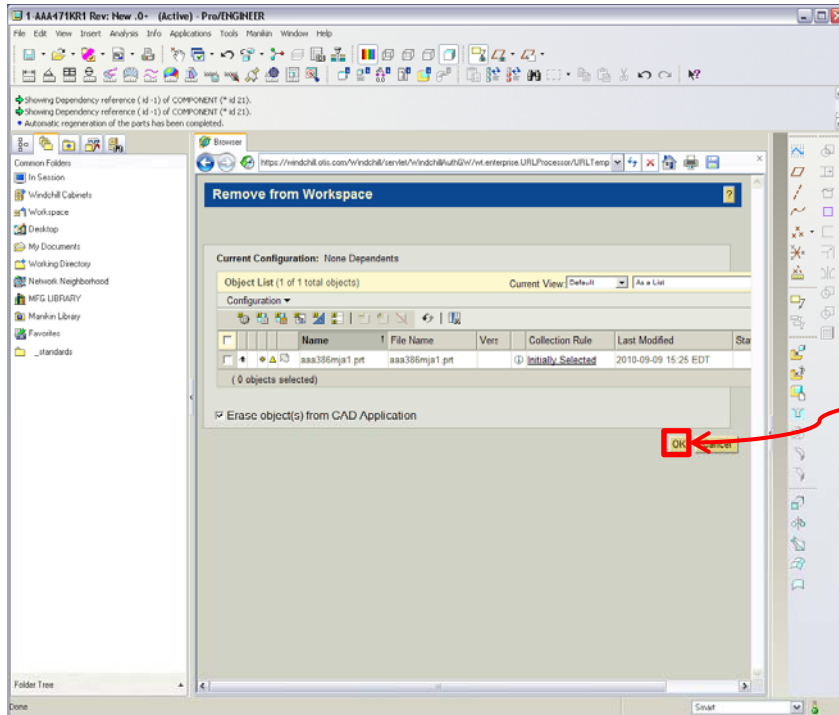
NOTE: It is assumed that you have already launched Pro/E and are viewing your Workspace to have seen a ghost object and that you have the config.pro option “cleanup_drawing_dependencies” set to “yes” which will remove any ghost’s due to missing drawing dependencies.

Select the Remove from Workspace Icon ②

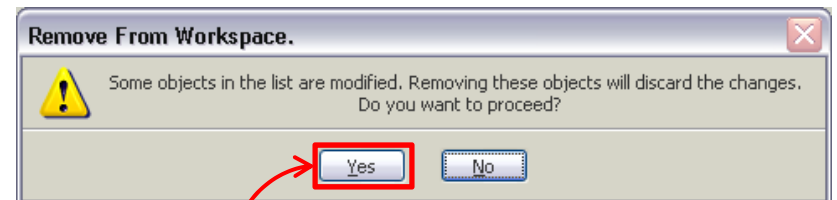
Select the Ghost Object ①



Removing Assembly Ghost Objects



3 Select OK



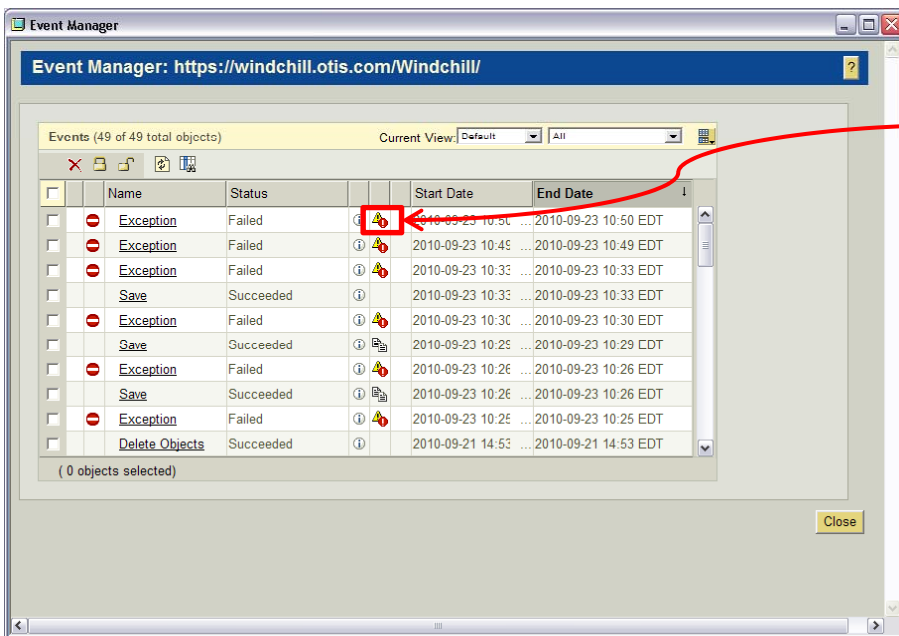
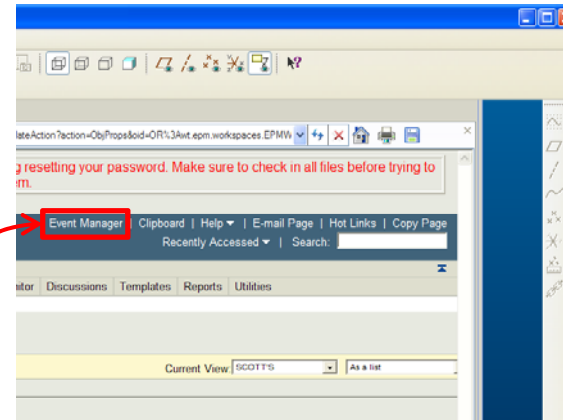
4 Select Yes

If this succeeded you will be returned to your Workspace, and you have successfully removed the Ghost, and are done.

If you are returned to the screen in step 3 proceed to step 5.

Removing Assembly Ghost Objects

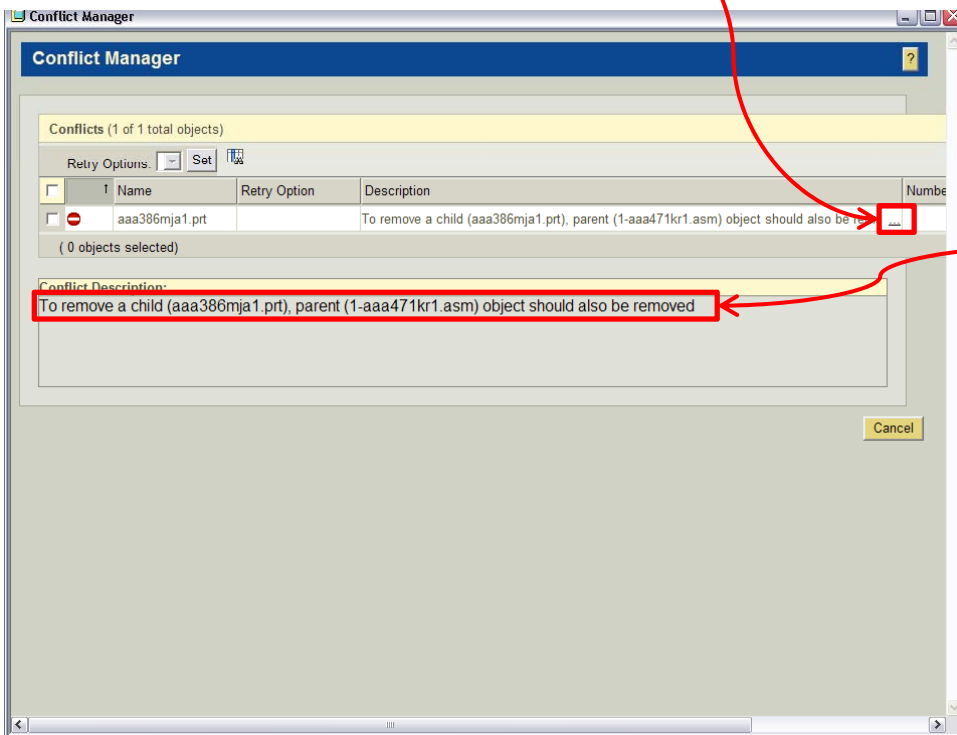
Select the Event Manager ⑤



⑥ Select the warning sign to view detailed information.

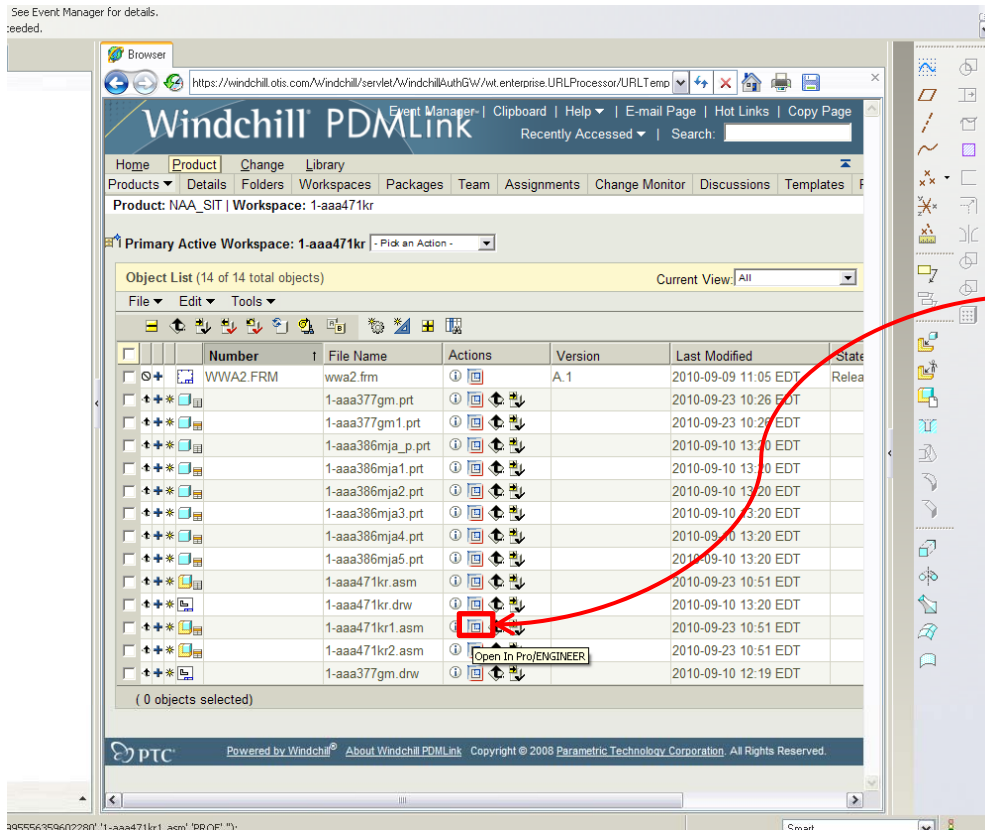
Removing Assembly Ghost Objects

Click to Display in Conflict Description area **7**



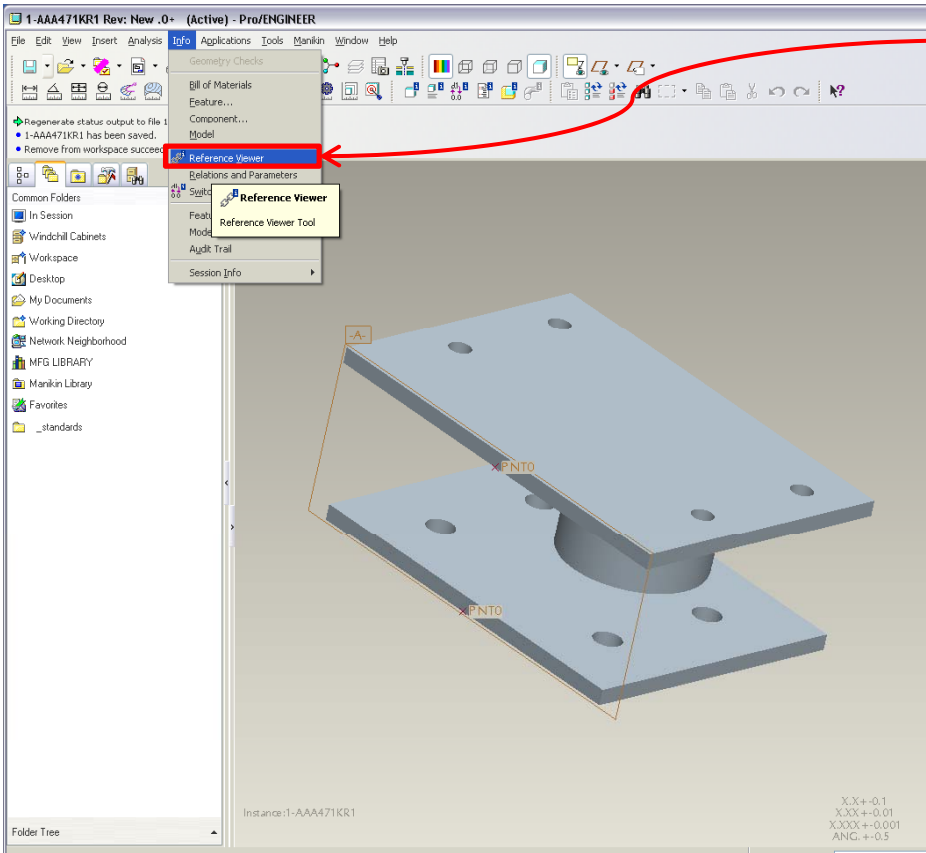
8 Verify the error is assembly related. Notice that the Conflict Description references the assembly 1-AAA471KR1.

Removing Assembly Ghost Objects



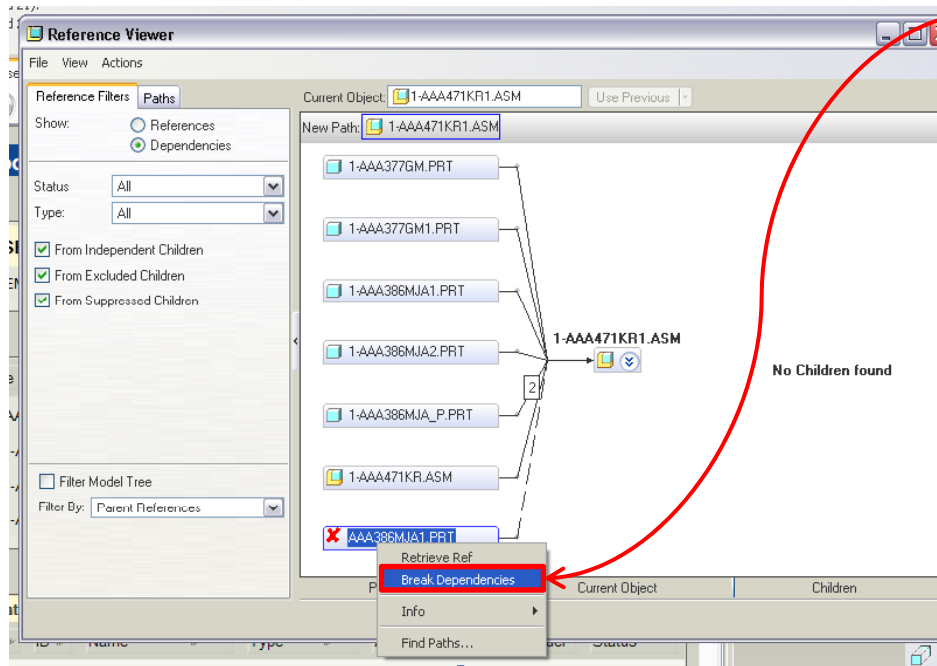
- 9 Open the assembly in your Workspace that was referenced in the Conflict Description, and select the “Open In Pro/ENGINEER” button.

Removing Assembly Ghost Objects



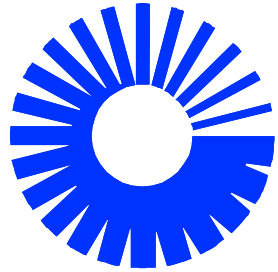
10 Select Info – Reference Viewer.

Removing Assembly Ghost Objects



11 Locate the missing reference(s), they should have a big red X next to them. Right click on them and select “Break Dependencies”. After all missing references have been deleted; close the reference viewer (to return to the Pro/E assembly), regenerate the assembly, save the assembly, and return to the workspace view. Note that the Ghost will still be in the workspace.

12 Refer back to steps 2 & 3 to remove the Ghost Objects. The remove command should now succeed and you should be returned to a Ghost-free Workspace.



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Removing Family Table Parameter Ghost Objects

Removing Parameter Ghost Objects

Sometimes Pro/Program assemblies will cause ghost objects from parameter values. If the assembly was previously checked into PDMLink successfully, it is unlikely that you will have to worry about this type of ghost object.

The screenshot shows the Windchill web interface. A red box highlights the 'Remove from Workspace' icon in the toolbar, with a red circle containing the number '2' and an arrow pointing to it. Another red box highlights the 'D1.PRT' object in the object list, with a red circle containing the number '1' and an arrow pointing to it. The object list table is as follows:

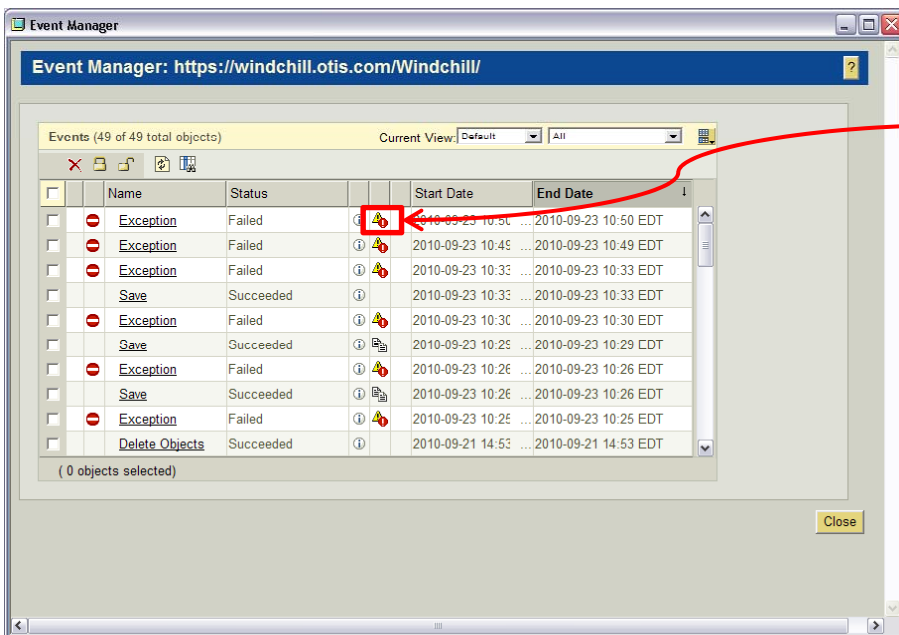
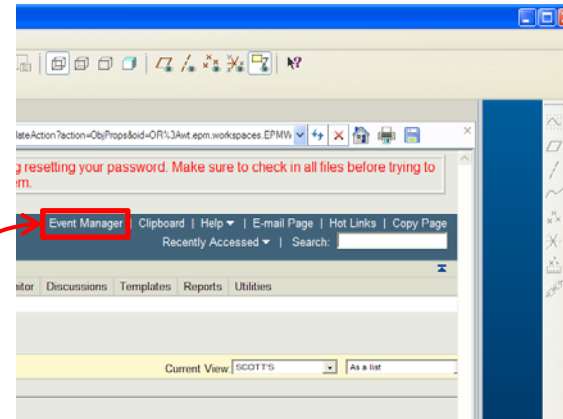
	Number	File Name	Actions	Dep:	Incor	Ver:	Last Modified	State
<input type="checkbox"/>	AAA431AQ6.PRT	aaa431aq6.prt		Yes	No	A.1	2011-07-27 16:31 EDT	In Work
<input type="checkbox"/>	AAA431AQ7.PRT	aaa431aq7.prt		Yes	No	A.1	2011-07-27 16:31 EDT	In Work
<input type="checkbox"/>	AAA431AQ8.PRT	aaa431aq8.prt		Yes	No	A.1	2011-07-27 16:31 EDT	In Work
<input type="checkbox"/>	AAA431AQ9.PRT	aaa431aq9.prt		Yes	No	A.1	2011-07-27 16:31 EDT	In Work
<input checked="" type="checkbox"/>	D1.PRT	d1.prt		Yes	Yes	A.1	2011-07-27 16:10 EDT	In Work
<input type="checkbox"/>	ISO4161.PRT	iso4161.prt		Yes	No	A.1	2010-08-26 13:58 EDT	Released
<input type="checkbox"/>	ISO7093.PRT	iso7093.prt		Yes	No	A.1	2011-01-20 12:59 EST	Released
<input type="checkbox"/>	ISO7093_1_M10	iso7093_1_m10_...		Yes	No	A.1	2011-01-20 12:59 EST	Released
<input type="checkbox"/>	ISO7093_1_M20	iso7093_1_m20_...		Yes	No	A.1	2011-01-20 12:59 EST	Released
<input type="checkbox"/>	ISO7093_1_M8	iso7093_1_m8_2_...		Yes	No	A.1	2011-01-20 12:59 EST	Released
<input type="checkbox"/>	ISO7093_2_M10	iso7093_2_m10_...		Yes	No	A.1	2011-01-20 12:59 EST	Released
<input type="checkbox"/>	ISO7093_2_M12	iso7093_2_m12_...		Yes	No	A.1	2011-01-20 12:59 EST	Released

Select the Remove from Workspace Icon ②

Select the Ghost Object ①

Removing Parameter Ghost Objects

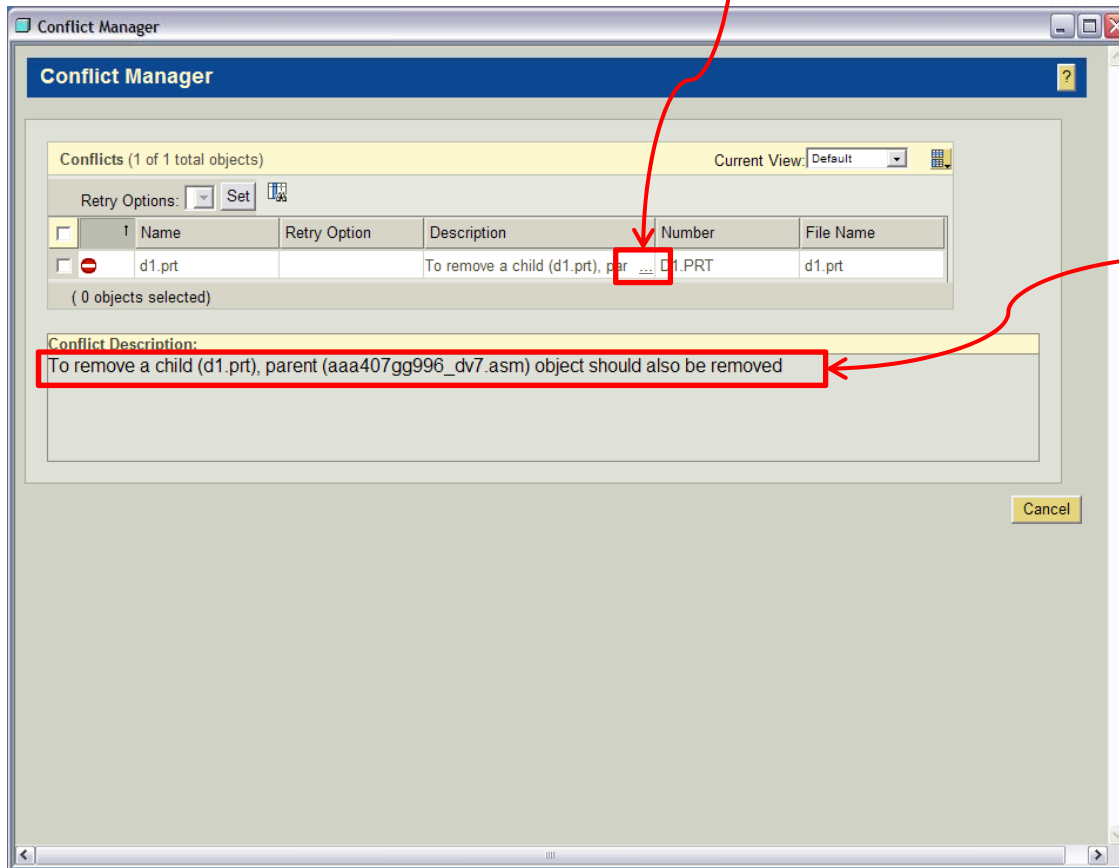
Select the Event Manager ③



④ Select the warning sign to view detailed information.

Removing Parameter Ghost Objects

5 Click to Display in Conflict Description area



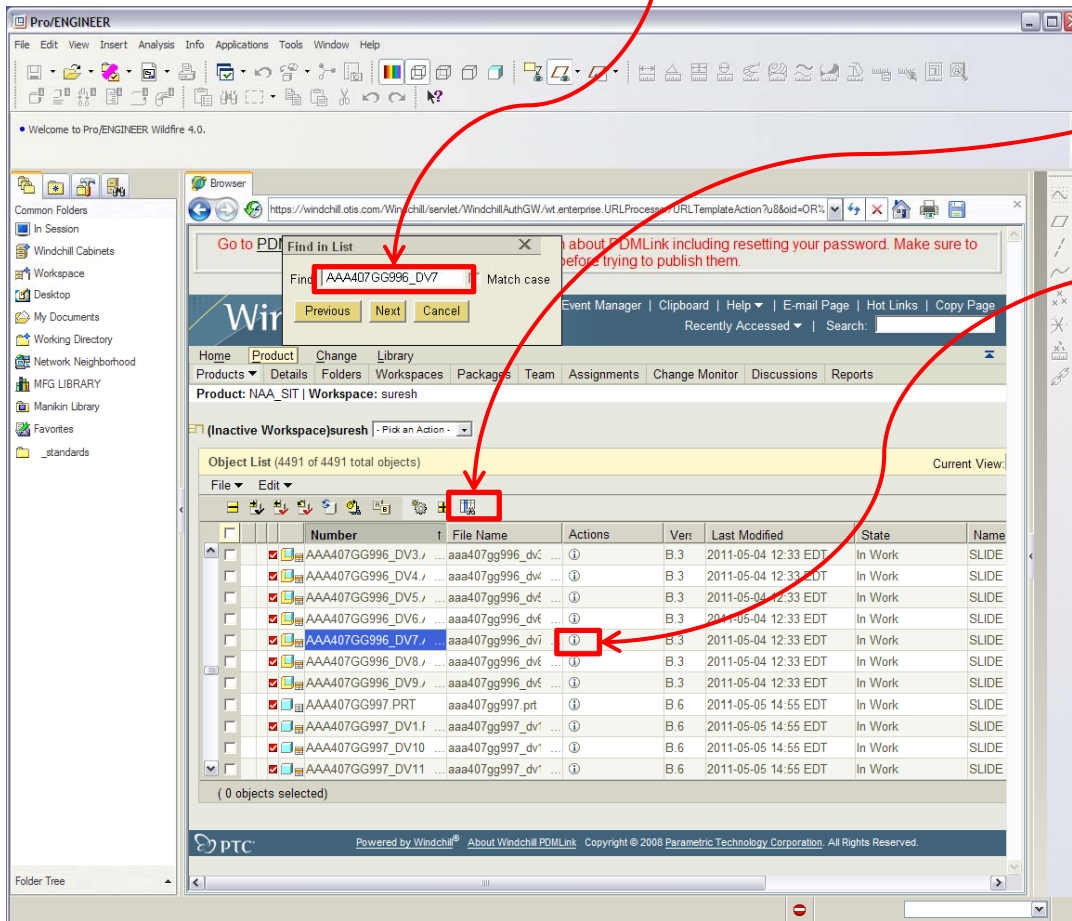
6 Verify the error is assembly related. Notice that the Conflict Description references the assembly AAA407GG996_DV7, this is an instance and you will need to open its generic.

Removing Parameter Ghost Objects

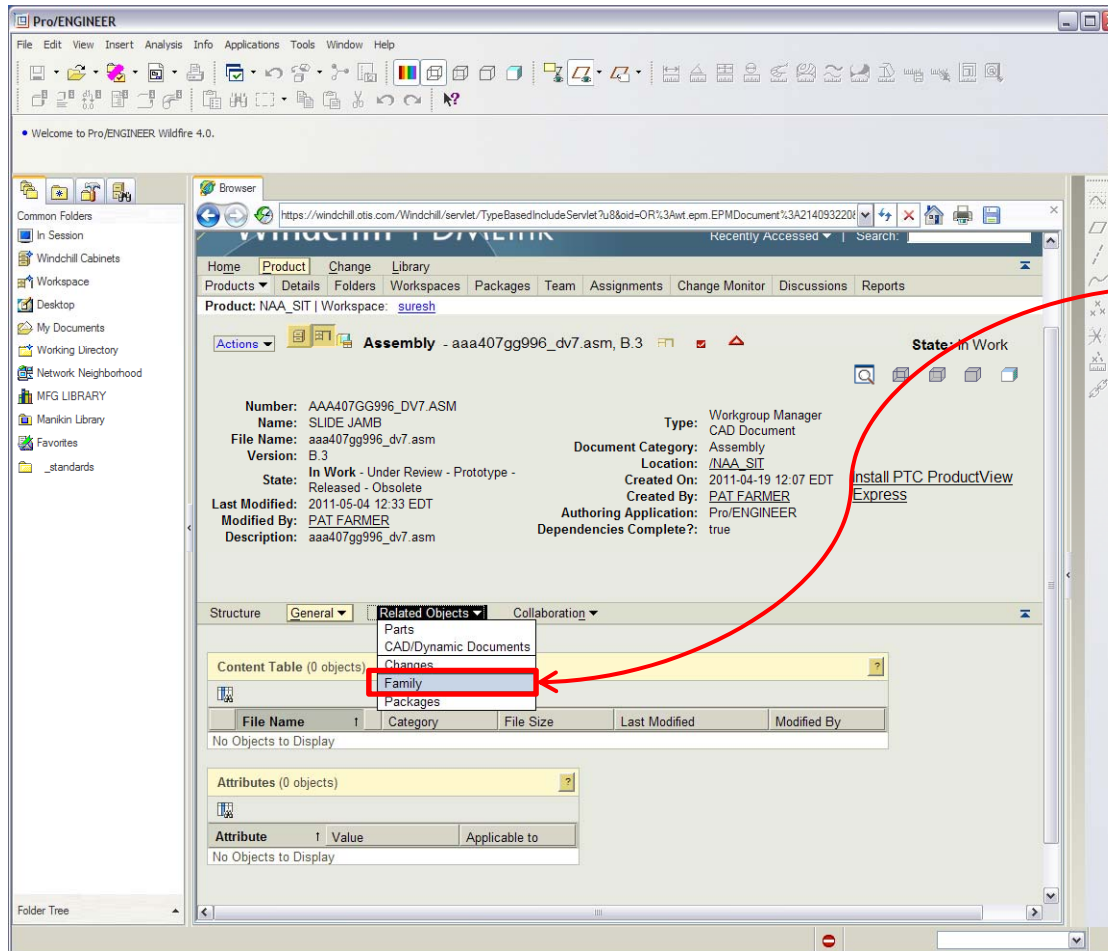
8 Type the name of the instance and press enter

7 If you are not sure of the generic for the instance from step 6 search for it in workspace

9 Click the info button 



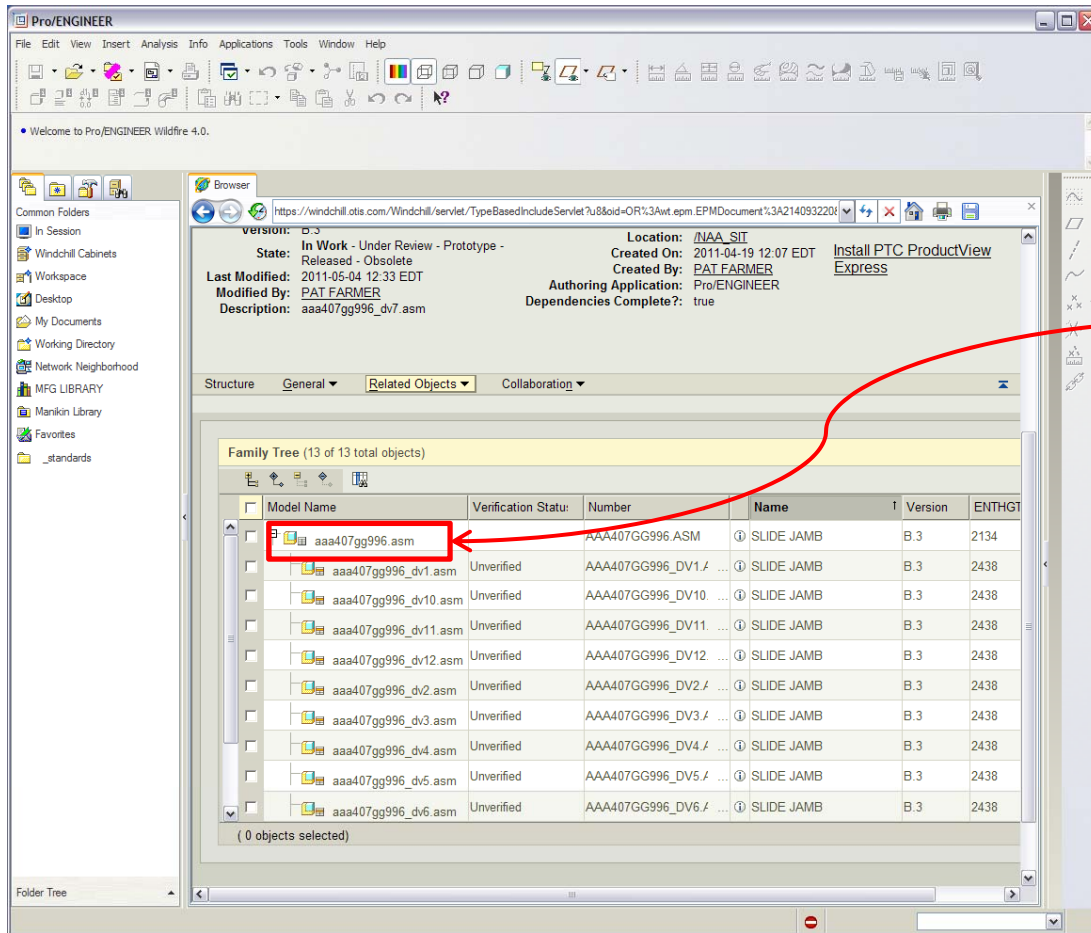
Removing Parameter Ghost Objects



10

Select Related Objects → Family

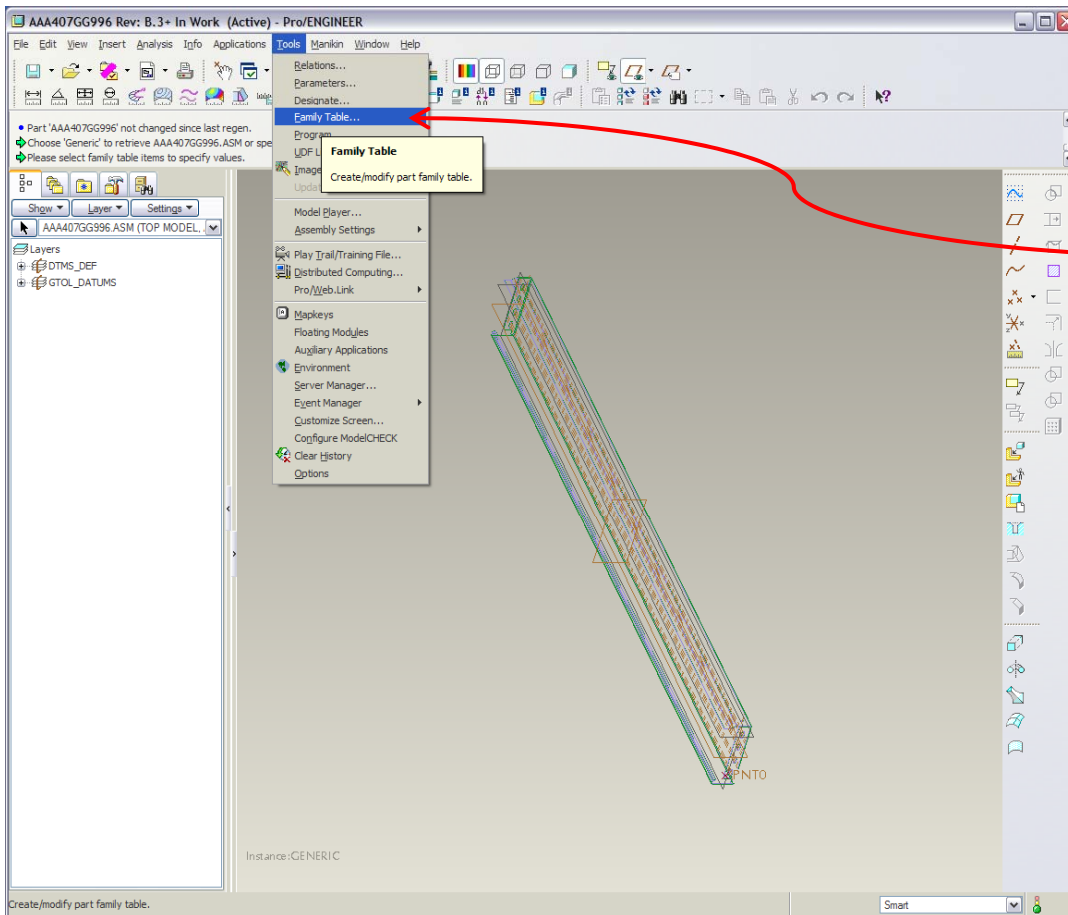
Removing Parameter Ghost Objects



11

This is the Generic. Open in Pro/E

Removing Parameter Ghost Objects



12

Select Tools → Family Table

Removing Parameter Ghost Objects

Family Table :AAA407GG996

Look In: AAA407GG996

Type	Instance Name	Common Name	OTIS_PAR...	RUNTIME	TAPENO	CONTRACT	DORTYP	ENTHGTM	ARGT	JAMBDPTH	WALLDEEP
	AAA407GG996	SLIDE JAMB	AAA407GG...	0	0	00	CO	2134.0	D1	0.0	7.00
	AAA407GG996_DV1	SLIDE JAMB	AAA407GG...	0	0	123456	CO	2438.0	D1	*	9.84
	AAA407GG996_DV2	SLIDE JAMB	AAA407GG...	0	0	123456	SS	2438.0	D1	*	9.84
	AAA407GG996_DV3	SLIDE JAMB	AAA407GG...	0	0	123456	2S	2438.0	D1	*	9.84
	AAA407GG996_DV4	SLIDE JAMB	AAA407GG...	0	0	123456	CO	2438.0	D1	*	9.84
	AAA407GG996_DV5	SLIDE JAMB	AAA407GG...	0	0	123456	SS	2438.0	D1	*	9.84
	AAA407GG996_DV6	SLIDE JAMB	AAA407GG...	0	0	123456	2S	2438.0	D1	*	9.84
	AAA407GG996_DV7	SLIDE JAMB	AAA407GG...	0	0	123456	CO	2100.0	D1	*	3.50
	AAA407GG996_DV8	SLIDE JAMB	AAA407GG...	0	0	123456	SS	2134.0	D1	*	3.50
	AAA407GG996_DV9	SLIDE JAMB	AAA407GG...	0	0	123456	2S	2100.0	D1	*	3.50
	AAA407GG996_DV10	SLIDE JAMB	AAA407GG...	0	0	123456	CO	2438.0	D1	*	9.84
	AAA407GG996_DV11	SLIDE JAMB	AAA407GG...	0	0	123456	SS	2438.0	D1	*	9.84
	AAA407GG996_DV12	SLIDE JAMB	AAA407GG...	0	0	123456	2S	2438.0	D1	*	9.84

13

Find the value in the table

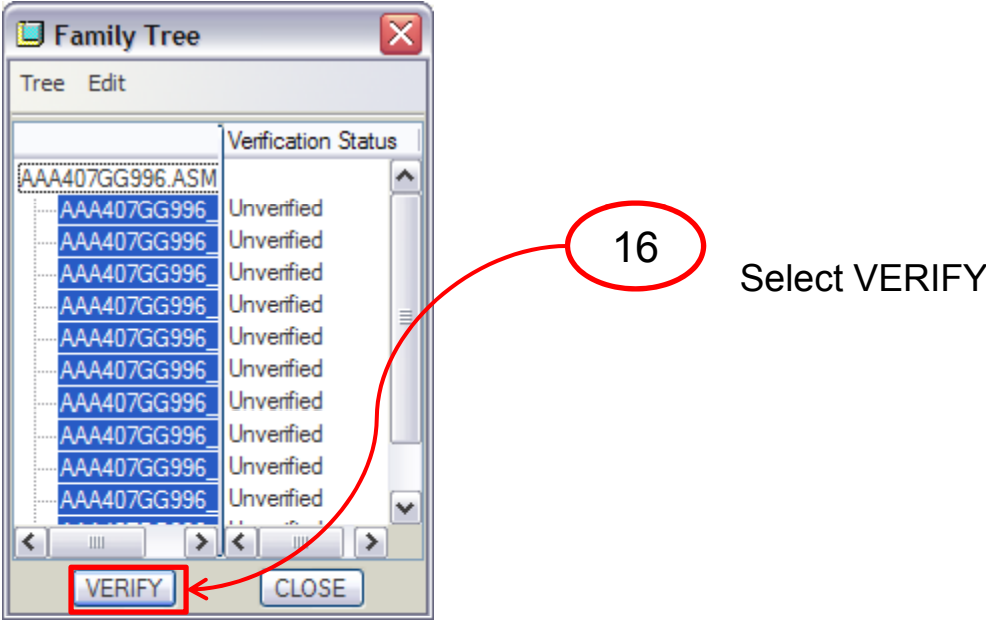
Removing Parameter Ghost Objects

15 Change all the values in that column to something besides the original value.

14 Change all the values in that column to something besides the original value.

Type	Instance Name	Common Name	OTIS_PAR...	RUNTIME	TAPENO	CONTRACT	DORTYP	ENTHGTMM	ARGV	JAMBDPTH	WALLDEEP
	AAA407GG996	SLIDE JAMB	AAA407GG...	0	0	00	CO	2134.0	D1	0.0	7.00
	AAA407GG996_DV1	SLIDE JAMB	AAA407GG...	0	0	123456	CO	2438.0	1	-	9.84
	AAA407GG996_DV2	SLIDE JAMB	AAA407GG...	0	0	123456	SS	2438.0	1	-	9.84
	AAA407GG996_DV3	SLIDE JAMB	AAA407GG...	0	0	123456	2S	2438.0	1	-	9.84
	AAA407GG996_DV4	SLIDE JAMB	AAA407GG...	0	0	123456	CO	2438.0	1	-	9.84
	AAA407GG996_DV5	SLIDE JAMB	AAA407GG...	0	0	123456	SS	2438.0	1	-	9.84
	AAA407GG996_DV6	SLIDE JAMB	AAA407GG...	0	0	123456	2S	2438.0	1	-	9.84
	AAA407GG996_DV7	SLIDE JAMB	AAA407GG...	0	0	123456	CO	2100.0	1	-	3.50
	AAA407GG996_DV8	SLIDE JAMB	AAA407GG...	0	0	123456	SS	2134.0	1	-	3.50
	AAA407GG996_DV9	SLIDE JAMB	AAA407GG...	0	0	123456	2S	2100.0	1	-	3.50
	AAA407GG996_DV10	SLIDE JAMB	AAA407GG...	0	0	123456	CO	2438.0	1	-	9.84
	AAA407GG996_DV11	SLIDE JAMB	AAA407GG...	0	0	123456	SS	2438.0	1	-	9.84
	AAA407GG996_DV12	SLIDE JAMB	AAA407GG...	0	0	123456	2S	2438.0	1	-	9.84

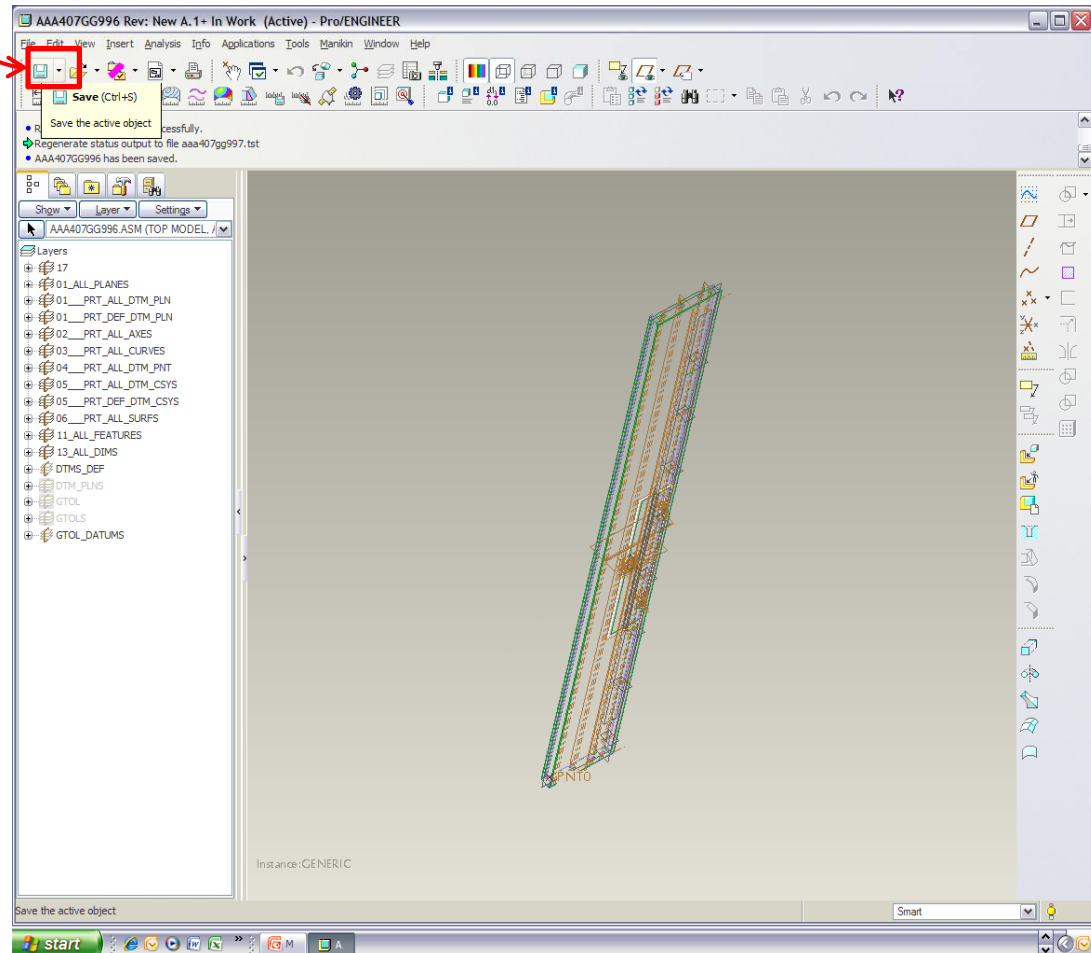
Removing Parameter Ghost Objects



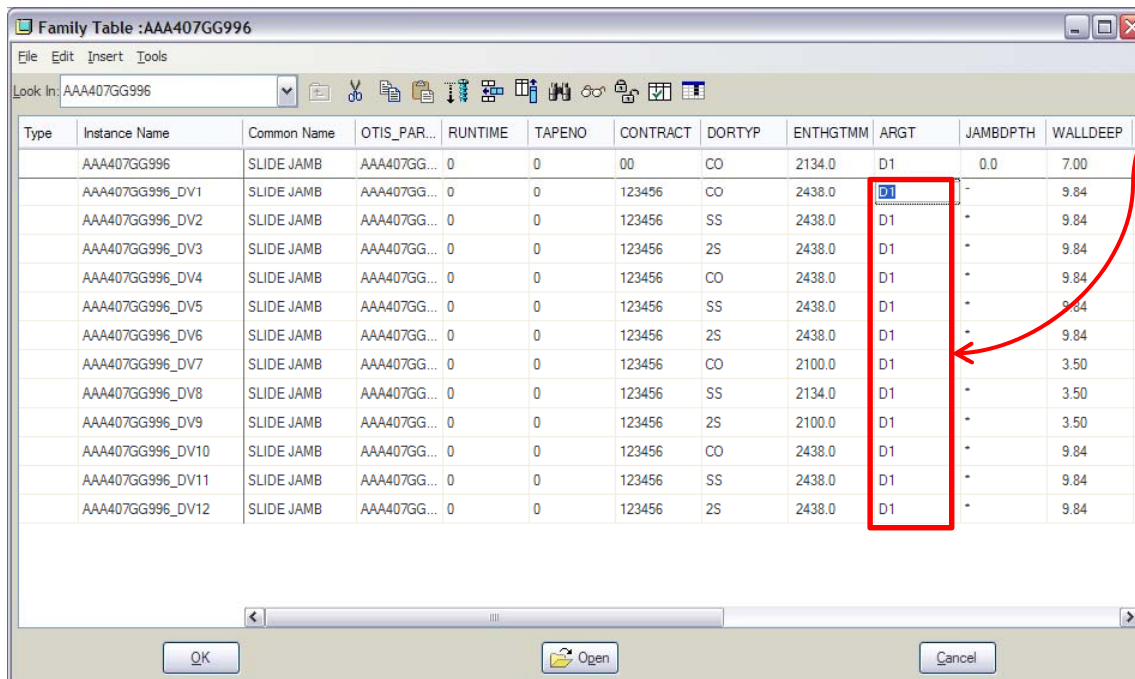
Removing Parameter Ghost Objects

17

Click Save



Removing Parameter Ghost Objects



Family Table :AAA407GG996

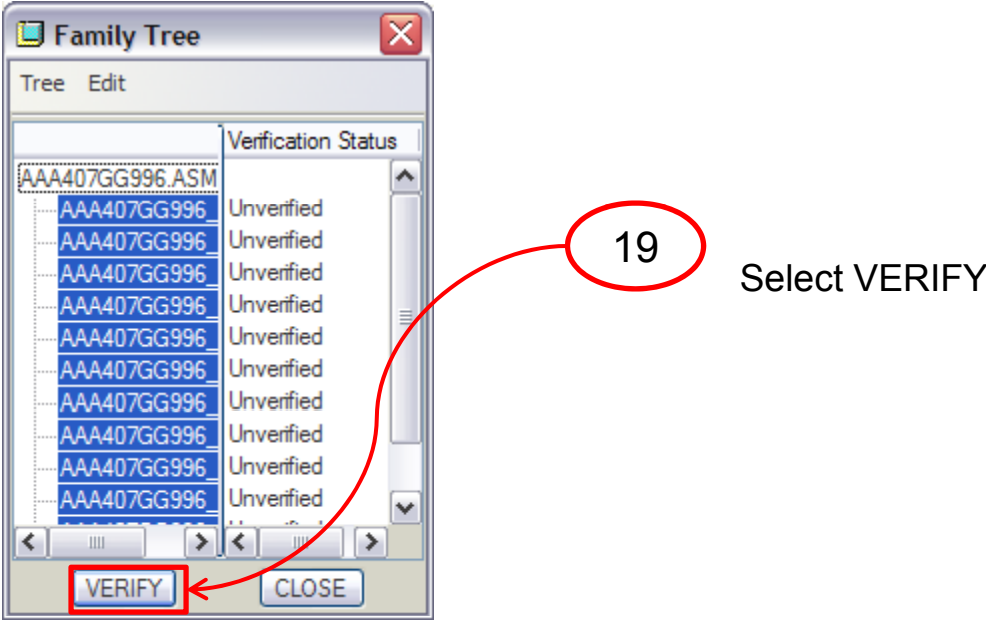
Look In: AAA407GG996

Type	Instance Name	Common Name	OTIS_PAR...	RUNTIME	TAPENO	CONTRACT	DORTYP	ENTHGTM	ARGT	JAMBDPTH	WALLDEEP
	AAA407GG996	SLIDE JAMB	AAA407GG...	0	0	00	CO	2134.0	D1	0.0	7.00
	AAA407GG996_DV1	SLIDE JAMB	AAA407GG...	0	0	123456	CO	2438.0	D1	*	9.84
	AAA407GG996_DV2	SLIDE JAMB	AAA407GG...	0	0	123456	SS	2438.0	D1	*	9.84
	AAA407GG996_DV3	SLIDE JAMB	AAA407GG...	0	0	123456	2S	2438.0	D1	*	9.84
	AAA407GG996_DV4	SLIDE JAMB	AAA407GG...	0	0	123456	CO	2438.0	D1	*	9.84
	AAA407GG996_DV5	SLIDE JAMB	AAA407GG...	0	0	123456	SS	2438.0	D1	*	9.84
	AAA407GG996_DV6	SLIDE JAMB	AAA407GG...	0	0	123456	2S	2438.0	D1	*	9.84
	AAA407GG996_DV7	SLIDE JAMB	AAA407GG...	0	0	123456	CO	2100.0	D1	*	3.50
	AAA407GG996_DV8	SLIDE JAMB	AAA407GG...	0	0	123456	SS	2134.0	D1	*	3.50
	AAA407GG996_DV9	SLIDE JAMB	AAA407GG...	0	0	123456	2S	2100.0	D1	*	3.50
	AAA407GG996_DV10	SLIDE JAMB	AAA407GG...	0	0	123456	CO	2438.0	D1	*	9.84
	AAA407GG996_DV11	SLIDE JAMB	AAA407GG...	0	0	123456	SS	2438.0	D1	*	9.84
	AAA407GG996_DV12	SLIDE JAMB	AAA407GG...	0	0	123456	2S	2438.0	D1	*	9.84

18

Change all the values **BACK** to the **original** value.

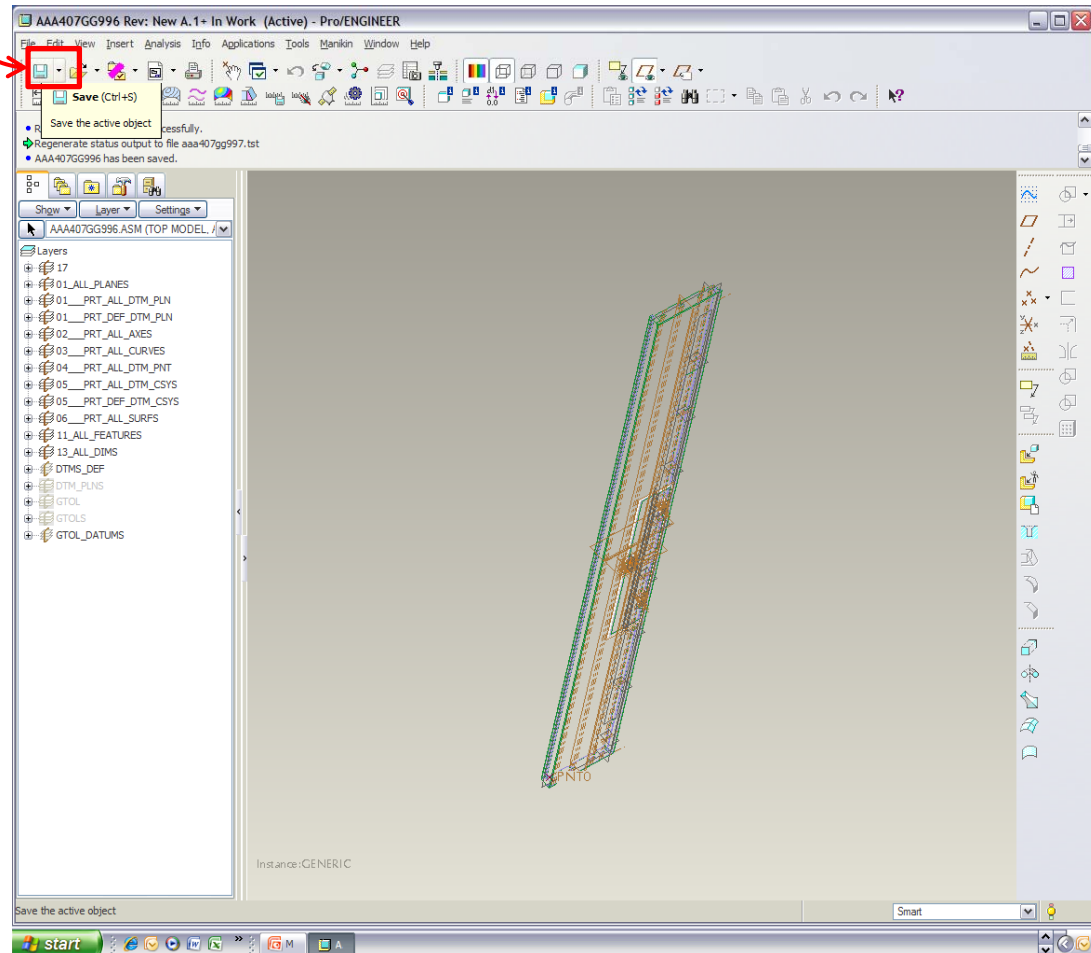
Removing Parameter Ghost Objects



Removing Parameter Ghost Objects

20

Click Save



Removing Parameter Ghost Objects

Select the Remove from Workspace Icon

22

Go to your Workspace and Select the Ghost Object

21

The screenshot shows the Windchill web interface. At the top, a message states "You are logged in to Sandbox Environment System." Below this is the Windchill logo and navigation menus. The main content area displays the "Object List (786 of 786 total objects)" for the workspace "purge_test". The table lists various CAD documents with columns for Number, File Name, Actions, Dependencies, and State. The object "D1.PRT" is selected, and its "Remove from workspace" icon (a trash can) is highlighted with a red box. A red arrow points from the text "22" to this icon. Another red arrow points from the text "21" to the "D1.PRT" row in the table.

File	Number	File Name	Actions	Dep:	Incor	Ver:	Last Modified	State
<input type="checkbox"/>	AAA431AQ6.PRT	aaa431aq6.prt		Yes	No	A.1	2011-07-27 16:31 EDT	In Work
<input type="checkbox"/>	AAA431AQ7.PRT	aaa431aq7.prt		Yes	No	A.1	2011-07-27 16:31 EDT	In Work
<input type="checkbox"/>	AAA431AQ8.PRT	aaa431aq8.prt		Yes	No	A.1	2011-07-27 16:31 EDT	In Work
<input type="checkbox"/>	AAA431AQ9.PRT	aaa431aq9.prt		Yes	No	A.1	2011-07-27 16:31 EDT	In Work
<input checked="" type="checkbox"/>	D1.PRT	d1.prt		Yes	Yes	A.1	2011-07-27 16:10 EDT	In Work
<input type="checkbox"/>	ISO4161.PRT	iso4161.prt		Yes	No	A.1	2010-08-26 13:58 EDT	Released
<input type="checkbox"/>	ISO7093.PRT	iso7093.prt		Yes	No	A.1	2011-01-20 12:59 EST	Released
<input type="checkbox"/>	ISO7093_1_M10	iso7093_1_m10_...		Yes	No	A.1	2011-01-20 12:59 EST	Released
<input type="checkbox"/>	ISO7093_1_M20	iso7093_1_m20_...		Yes	No	A.1	2011-01-20 12:59 EST	Released
<input type="checkbox"/>	ISO7093_1_M8	iso7093_1_m8_2_...		Yes	No	A.1	2011-01-20 12:59 EST	Released
<input type="checkbox"/>	ISO7093_2_M10	iso7093_2_m10_...		Yes	No	A.1	2011-01-20 12:59 EST	Released
<input type="checkbox"/>	ISO7093_2_M12	iso7093_2_m12_...		Yes	No	A.1	2011-01-20 12:59 EST	Released