

Using PUI to Perfect XA Environments – Part 1

This is the first in a three-part series of articles about Infor XA's PUI tool. In this article, we will look at the steps necessary to set PUI up on the iSeries.

Product Update Information, or PUI, is a tool provided as part of the Infor XA Client to help you perfect your XA Environments. It is essentially a database that contains the proper PTF Level for each object in the Environment. The information in the database is compared against objects in your XA Environment, and then issues with the Environment are noted for your review. PUI is a very helpful tool, but one that is not easy to learn. The purpose of this article is to help you understand how to set up PUI.

Before you can use PUI, you will need to load the PUI Database onto the iSeries. The PUI Database is delivered via a PTF, and the PTF to use will depend on which version of the PUI Database you need. There is a Full Database and a Delta Database. The Full Database contains a complete set of records for the level of XA you are using, and the Delta Database only contains changes to the PUI Database from the prior two months. I always use the Full PUI Database for my work, to ensure that I have complete PUI information. The PTF Numbers for the 9.1 and 9.2 databases are as follows.

SH15426.690	Full PUI Database for 9.1
SH15426.692	Full PUI Database for 9.2
SH15429.690	Delta PUI Database for 9.1
SH15429.692	Delta PUI Database for 9.2

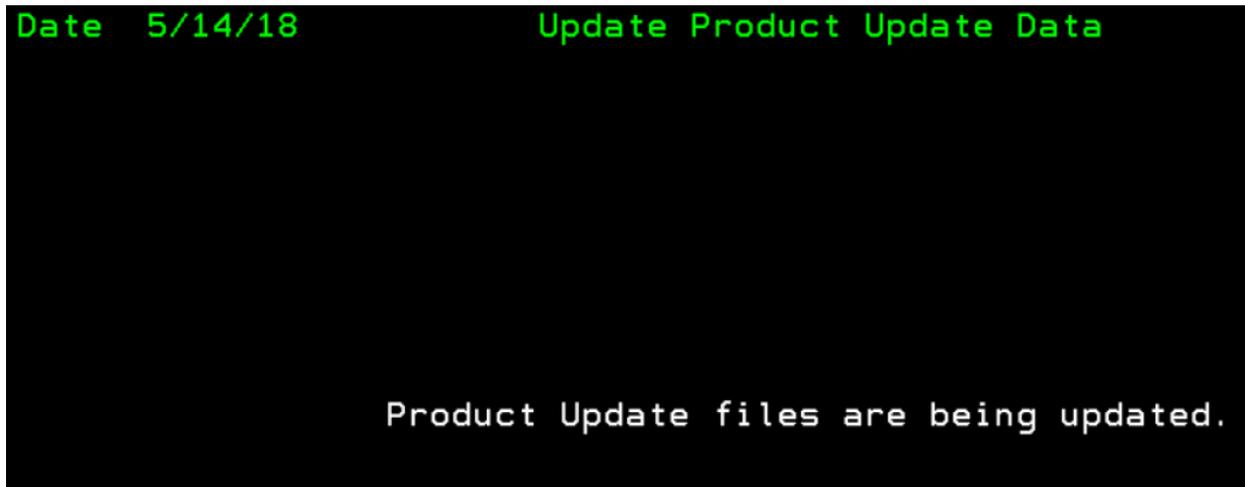
Once you have decided which PTF to download, you will want to put it in your AFDWEB folder and do an AFDWEBGET on it. Next, go into the XA Environment where you want to use PUI (in green screen), type the command UPDPUIDTA on the Command Line, and press F4. You will then be presented with the following screen, where you can specify the appropriate PTF Number. Note that PTFs are always stored in QGPL. Once you have filled in the two fields, press Enter.

```
Update PUI Data (UPDPUIDTA)

Type choices, press Enter.

SH Download ID . . . . . SH15426692      Name
Library with Download . . . . . QGPL      Name
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You will see a message stating that the PUI files are being updated. It may take five minutes or so for this operation to complete.



You will see a completion message when the update process is finished.

JOB UPDPUIDTA COMPLETED

Next, sign onto the Environment in Powerlink. Click on the 'Environments' tab, and then click on the sub-tab for 'Production Updates'. You will see an icon that looks like this. This is the PUI object.



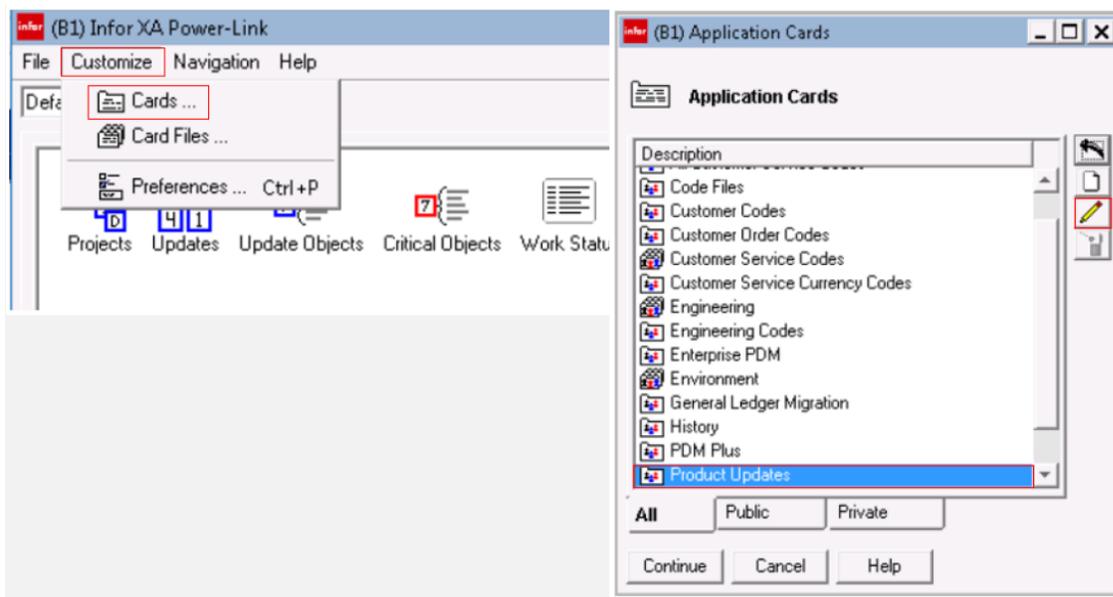
If you double-click on this object, you will see a list of PCMs and PTFs. However, you may notice that only PCMs and PTFs for one version of XA (9.1 or 9.2) are displayed, based on the extensions of the listed PTF names (690 or 692).

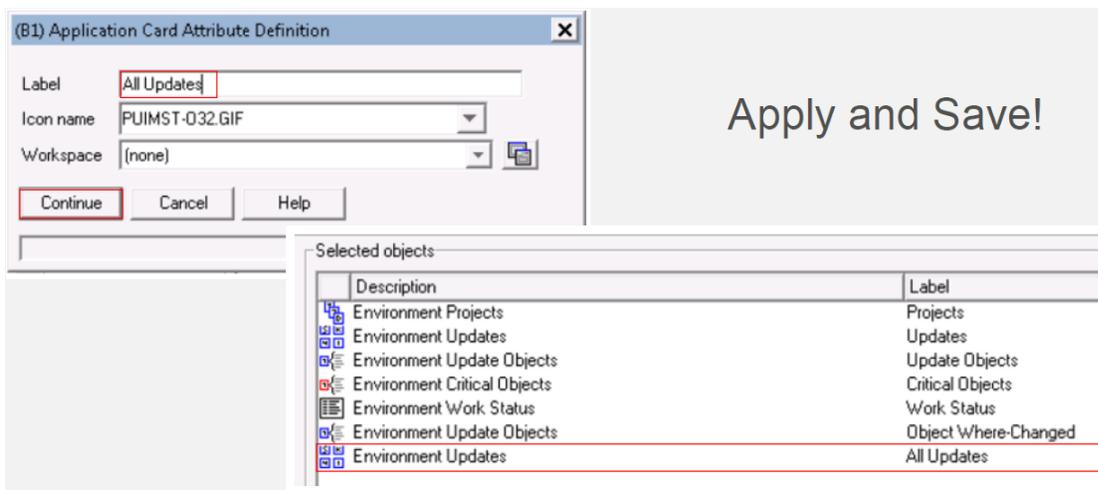
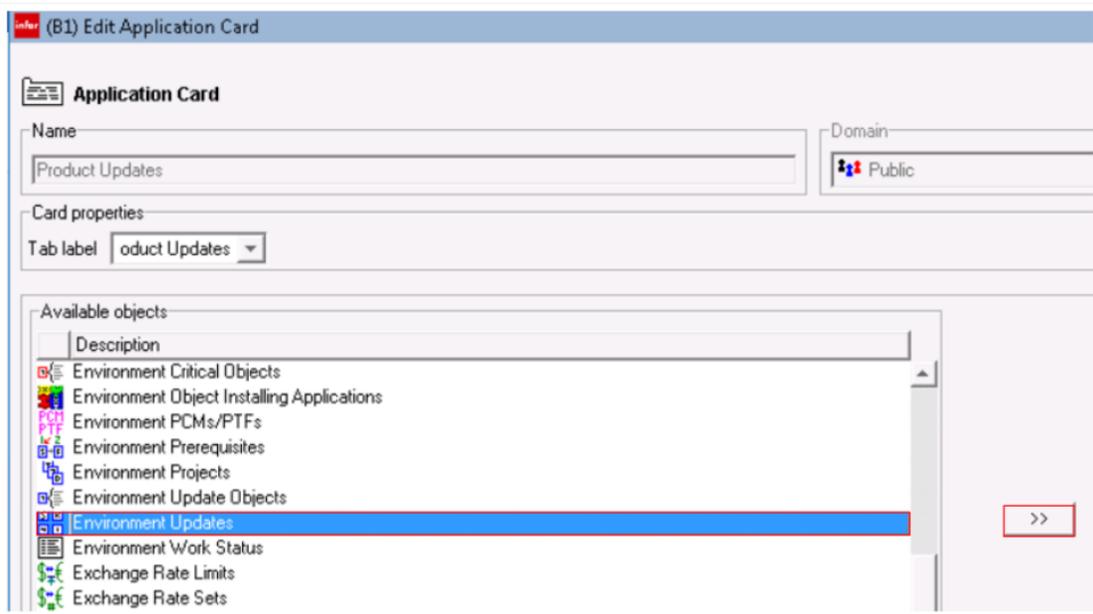
One of PUI's functions is to check each PCM and PTF to see if all pre-requisite PTFs have been applied. Because each version of XA builds on the prior version, it is helpful if you have the PUI Database for both the current and previous versions of XA loaded and visible in PUI at the same time. If your PUI object does not have both versions of the PUI Database displayed, you will need to add a second PUI object to the Environments tab. The new object will be called 'All Updates', and it will look like this.



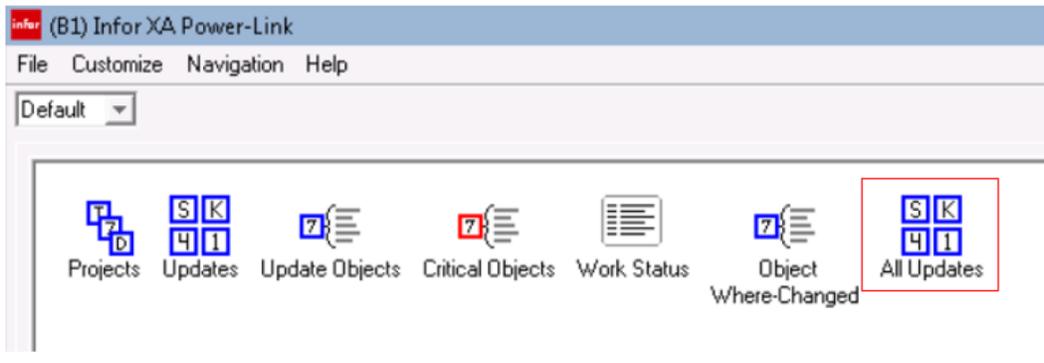
To add the 'All Updates' object, follow these steps. Please refer to the screen shots below the written directions for clarification, if needed.

1. From the menu at the top of the Powerlink screen, click on 'Customize', and then 'Cards' in the dropdown.
2. Select the 'Product Updates' card from the 'Application Cards' window that will pop up, and then click on the pencil icon at right to change.
3. On the 'Application Card' window, click on the 'Environment Updates' object in the left pane, and then click on the double-arrow symbol between the panes to move that object to the right pane. When you do this, a small window will pop up called 'Application Card Attribute Definition'. Change the 'Label' field in that window to 'All Updates', and then click the 'Continue' button.
4. Verify that a new 'Environment Updates' object has been added to the right pane, with a Label of 'All Updates'. Click the 'Apply' button, followed by the 'Save' button.





The 'All Updates' icon will now appear on the 'Product Updates' Card. When you open it, you should see PCMs and PTFs from both XA versions. If one of the databases is still missing, then consider whether both were loaded to your system. Note that it is not a problem to load the 690 PUI Database to a 692 Environment.



Status	Update	Description	Type	Special instr
?	SH15727690	Infor XA Version 02 Release 09 PCM SH15727690 PTF 0901592	PCM	Yes
?	SH15796690	Infor XA Version 02 Release 09 PCM SH15796690 PTF 0902110	PCM	Yes
?	SH15822690	Infor XA Version 02 Release 09 PCM SH15822690 PTF 0902390	PCM	Yes
?	SH15904690	Infor XA Version 02 Release 09 PCM SH15904690 PTF 0903037	PCM	Yes
?	SH15955690	Infor XA Version 02 Release 09 PCM SH15955690 PTF 0903704	PCM	Yes
?	SH15993690	Infor XA Version 02 Release 09 PCM SH15993690 PTF 0904237	PCM	Yes
Partially ...	SH16055692	Infor XA Version 02 Release 9.2 PCM SH16055692 PTF 0920079	PCM	Yes
See cov...	SHA6022692	Infor XA Version 02 Release 10 PTF 09	PTF	
See cov...	SH15425690	General instructions for Product Update data	PTF	Yes
See cov...	SH15425692	R9.2 Product Update Information	PTF	Yes
See cov...	SH15426690	Product Update Base (initial) data	PTF	Yes
See cov...	SH15426692	R9.2 Product Update Base (initial) data	PTF	Yes
See cov...	SH15429690	Product Update Current data	PTF	Yes
See cov...	SH15429692	R9.2 Product Update Current data	PTF	Yes
See cov...	SH15726690	Prerequisite PTF for the 01592 PCM (SH15727)	PTF	Yes

Now that PUI is set up, you have completed step one in perfecting your XA Environment!

In the second article in this series, you will learn how to perform a PUI Analysis.

Sharon Foster is a Senior Programmer/Analyst with Information Systems Engineering, Inc.