

Deltek Costpoint® 7.1.1

DB Wizard Utility

February 18, 2020

While Deltek has attempted to verify that the information in this document is accurate and complete, some typographical or technical errors may exist. The recipient of this document is solely responsible for all decisions relating to or use of the information provided herein.

The information contained in this publication is effective as of the publication date below and is subject to change without notice.

This publication contains proprietary information that is protected by copyright. All rights are reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, or translated into another language, without the prior written consent of Deltek, Inc.

This edition published February 2020.

© Deltek, Inc.

Deltek's software is also protected by copyright law and constitutes valuable confidential and proprietary information of Deltek, Inc. and its licensors. The Deltek software, and all related documentation, is provided for use only in accordance with the terms of the license agreement. Unauthorized reproduction or distribution of the program or any portion thereof could result in severe civil or criminal penalties.

All trademarks are the property of their respective owners.

Contents

- Overview 1
- Prepare to Use the Costpoint DB Wizard Utility 2
 - Navigation 2
- Start the Utility 3
 - Launch the Utility 3
 - Select a System 4
 - Review Connection Data 4
 - Test the Connection 4
- Apply Script Utility 5
 - Error File 7
- Child/Parent Utility 8
 - Error Log 9
- Deploy Hotfix Utility 10
 - Error Log 13
 - Registration Hotfix Database Tables 13
- Link View Utility 15
 - Error Messages 16
- Apply License Utility 17
 - Error Log 18
- Remove License Utility 19
 - Error Log 21
- Rebuild User Menus Utility 22
 - Error Log 23
- Deploy Extension Utility 24
 - Error Log 26
 - Required Deploy Extension Database Tables 27
- Remove Extension Utility 28
 - Error Log 29
- Verify All Extensibility 31
 - Error Log 32

Overview

The Costpoint DB Wizard Utility is a tool for Costpoint administrators. It allows administrators to apply configuration changes—including hot fixes and database structure changes—to the installed Costpoint software.

This guide walks the Administrator through the tasks that can be performed using the DB Wizard.

Prepare to Use the Costpoint DB Wizard Utility

Before you run the Costpoint DB Wizard utility:

1. Set up all necessary configuration parameters by running the Deltek Configuration Utility (the batch file CPWebConfigUtility.cmd). This utility adds all necessary configuration info to the toolconnections.properties file.

```

C:\WINDOWS\system32\cmd.exe
C:\deltek\costpoint\62\bin>dir
Volume in drive C has no label.
Volume Serial Number is 70F6-BDD4

Directory of C:\deltek\costpoint\62\bin

06/17/2009  01:49 PM  <DIR>          .
06/17/2009  01:49 PM  <DIR>          ..
08/06/2008  01:50 PM             609  CPWebActSrvrConfig.cmd
07/12/2006  01:39 PM             174  CPWebConfigUtility.cmd
12/13/2006  11:25 AM             120  CPWebDBWizard.cmd
09/10/2008  04:01 PM             112  CPWebExtDesigner.cmd
10/10/2007  11:34 AM             931  CPWebGenScriptUtility.cmd
07/12/2006  01:07 PM             112  CPWebIntegrationUtility.cmd
07/12/2006  01:09 PM             206  CPWebMigrateUsersUtility.cmd
05/08/2008  03:01 PM             556  CPWebMonitor.cmd
07/28/2008  08:36 AM             785  CPWebMonitorByEmail.cmd
10/10/2007  11:35 AM             744  CPWebMultiEnvDeployer.cmd
09/20/2006  12:06 PM             587  CPWebPasswordEncryptUtility.cmd
09/23/2008  01:22 PM            2,334  CPWebSetEnv.cmd
04/30/2007  06:08 PM             960  CPWebStartActuateNodes.cmd
06/17/2009  01:48 PM  <DIR>          scripts
12/01/2006  01:28 PM             967  StartCPWeb.cmd
11/16/2006  11:22 AM             1,017  StartCPWebNode.cmd
06/03/2009  05:39 PM            13,029  toolconnections.bak
06/17/2009  01:54 PM            13,908  toolconnections.properties
06/17/2009  01:49 PM              24  toolsproperties.res
          18 File(s)          37,175 bytes
           3 Dir(s)  8,273,399,808 bytes free

C:\deltek\costpoint\62\bin>

```

The Costpoint DB Wizard requires the following files:

- CPWebDBWizard.cmd — This is the command file for starting the Costpoint DB Wizard utility.
- toolconnections.properties — This file contains property values and descriptions.
- toolsproperties.res — This file is used to decrypt the passwords in the toolconnections.properties file.
- csbatools.jar — This is the Costpoint Web Tool Java Library file.

Navigation

This tool has a typical wizard interface, in which you use several screens in a standard order.

- Click the **Previous** and **Next** buttons to navigate between the screens.
- Click the **Cancel** button to return to the main screen.
- Click the **Run** button to start the process.

Start the Utility

Launch the Utility

To start the DB Wizard utility, complete the following steps:

1. Take one of the following actions:
 - Run the **CPWebDBWizard.cmd** batch file. It should be located with all other Costpoint command files in the \deltek\costpoint\71\bin folder.
 - Click **Start » Deltek » Costpoint » 71 » Start Costpoint 7.1 DB Wizard**.

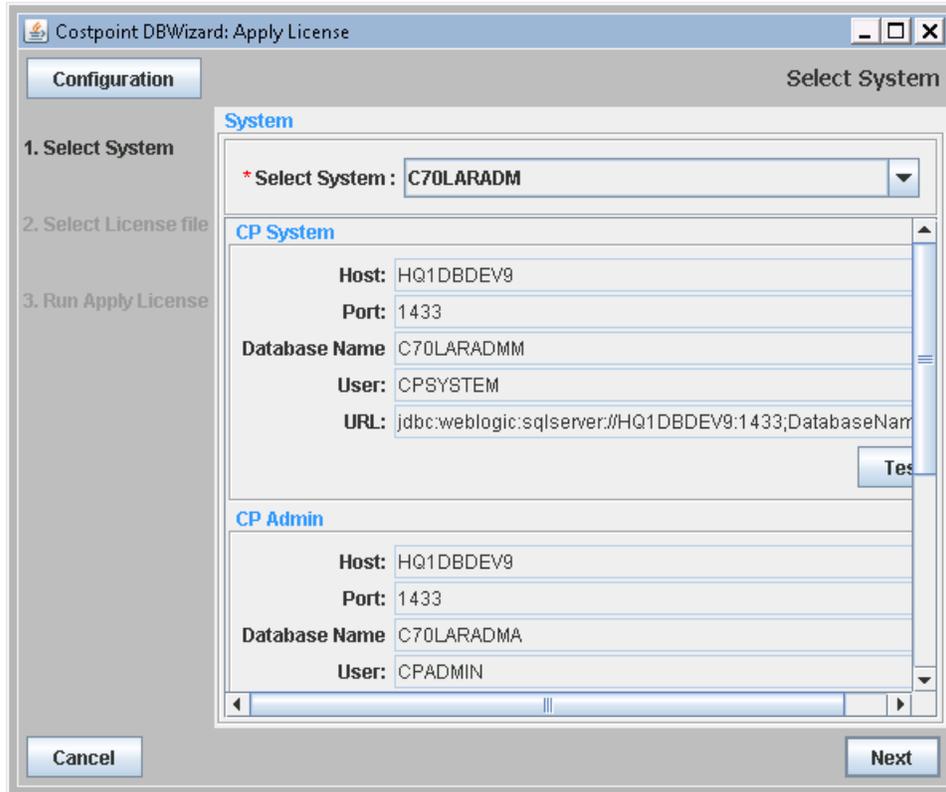
The DB Wizard main screen displays.

2. Make a selection from the **Available options** list, and click **Next**.



Select a System

Any task you perform using this utility will start with the Select System screen. This screen allows you to select the particular system for the process you are about to perform and test your connection to the system.



The **Select System** field lets you choose from a list of available systems, and it is the only field on this screen that you can change.

When you select a system, the rest of the fields on the screen populate with data about the system. You cannot edit this data from within the DB Wizard. If you need to edit the data, use the Configuration Utility.



For information about the Configuration Utility, see the *Deltek Costpoint Configuration Utility* guide.

Review Connection Data

Before you perform any DB Wizard tasks, check that the correct connection information displays for each of the three Costpoint databases (Meta, Admin, and Data) that are part of the system.

Test the Connection

Before you perform any DB Wizard tasks, click the **Test** button to test your connection to the each of the three databases (Meta, Admin, and Data) that are part of the system.

Apply Script Utility

You use the Apply Script utility to apply database scripts to a particular system's schema.

To run the Apply Script utility, complete the following steps:

1. Start the Costpoint DB Wizard using the batch CPWebDBWizard.cmd file.
2. From the list of **Available options**, select **Apply Script**, and click **Next**.
3. Select the system and schema to use, and click **Next**.

The Script Parameters page displays.

4. In the **Choose File/Folder** section, complete the following:
 - **Selection Mode** — Select either **Single script** or **Folder**.
 - **Script file** — Enter, or click the browse button to select, the path to the script file or folder where the script is located.
 - **Log file** — If necessary, change the log filename and/or path.
5. In the **Schema replace mode** section, complete the following:
 - **Off** — Select this option to turn off the schema replace mode. This is the default mode.
 - **On** — Select this option to turn on the schema replace mode, and enter the following information:
 - **Schema to replace** — Enter the schema name to replace in the script.
 - **New schema** — Enter the new schema name that will replace the name entered in the field above.

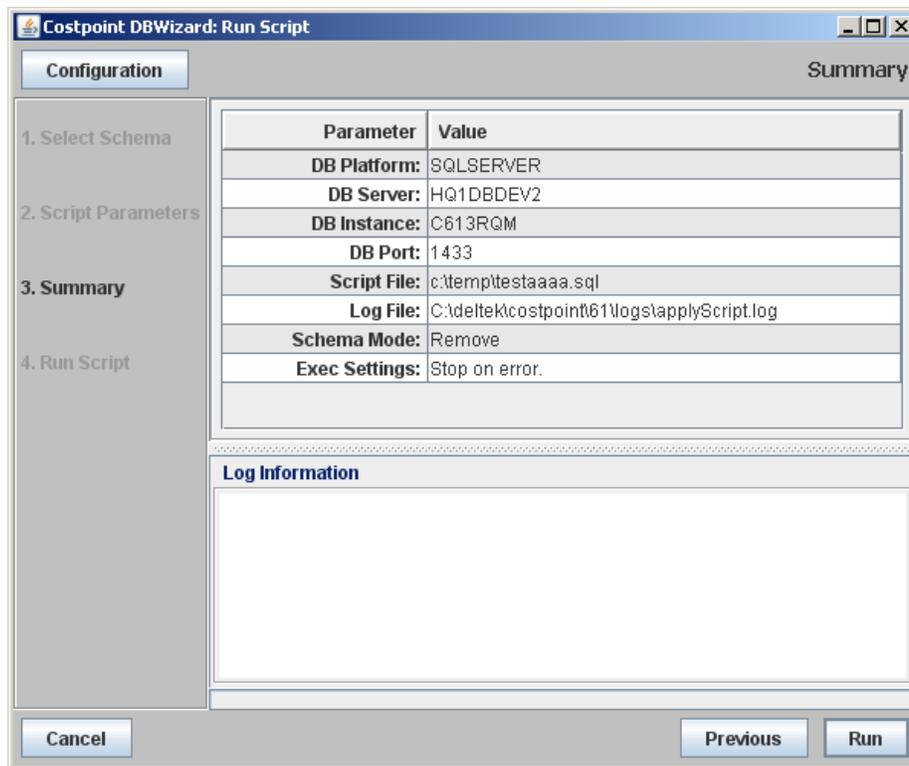
- **Remove** — Select this option to ignore any schema references and apply the script to the default database schema.
6. In the **Execution Settings** section, select how the utility handles errors when they occur:
- **Stop on error** — Select this option to stop the process.
 - **Ignore errors** — Select this option to ignore errors and continue running the process until it reaches the end of the script.
 - **Restart after line number** – Select this check box and enter the line number from which to restart the script.



This check box is available only in **Single script** selection mode.

7. Click **Next**.

The Summary page displays.



8. Verify that the system, script, logs, and modes information is correct, and click **Run** to start the process.

Error File

If the process fails for any reason, an error log similar to the following displays:

```

\applying db script testaaaa.sql ...
Deltek Global Support
North America:
1.877.HLP PROJ (1.877.457.7765)
United Kingdom:
0808 234 4753
All Other Countries: (call charges will apply):
+44 20 7518 5010 (UK)
+1 877 457 7765 (USA)
+61 (8) 8150 5500 (AU)
Have your support number ready and be prepared to email this
file to support:
C:\deltek\costpoint\61\logs\applyScript.log

SCRIPT_NAME  LINE_NO  ERR_TYPE  ERR_TEXT  ERR_DESC
*****      *****  *****  *****  *****
testaaaa.sql  2        SQL ERROR  com.deltek.enterprise.tools.  com.deltek.enterprise.tools.
                        dbwizard.engine.sqlparser.  dbwizard.engine.sqlparser.
                        ParseException: Encountered "/"  ParseException: Encountered "/"
                        " at line 3, column 1. Was  " at line 3, column 1. Was
                        expecting one of: <ORAHINT> ..  expecting one of: <ORAHINT> ..
                        . "(" .. ")" .. "INSERT" ..  . "(" .. ")" .. "INSERT" ..
                        "COMMIT" .. "CREATE" ..  "COMMIT" .. "CREATE" ..
                        "VALUES" .. "S  "VALUES" .. "S
  
```

Child/Parent Utility

The Child/Parent utility reads each row in the Child table and checks the child/parent relationships. The utility then reports if there are orphaned rows in the Child table.

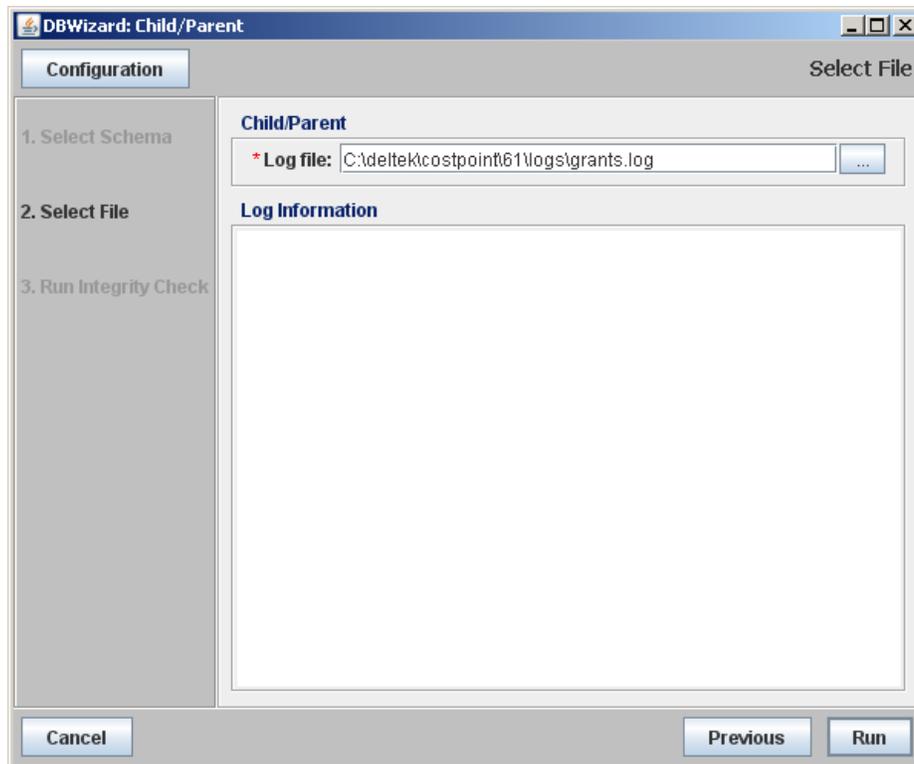


This utility is helpful because, if there are child orphans, the foreign keys will fail to apply, causing problems in your system.

To run the Child/Parent utility, complete the following steps:

1. Start the Costpoint DB Wizard using the batch CPWebDBWizard.cmd file.
2. From the list of **Available options**, select **Child/Parent**, and click **Next**.
3. Select the system and schema to use, and click **Next**.

The Select File page displays.



4. In the **Child/Parent** section, change the **Log file** filename and/or path, if necessary.
5. Click **Run** to run the integrity check.

You can monitor the progress of the process in the **Log Information** field.

Error Log

If the process fails for any reason or errors are encountered, an error log similar to the following displays:

```

grants.log - WordPad
File Edit View Insert Format Help
1 2 3 4 5 6 7
CHECKING F00001 EC_COUNTRY (C.COUNTRY_CD) PARENT COUNTRY
CHECKING F00002 H_SERV_AWARD (C.AWARD_CD, C.AWARD_START_DT) PARENT H_SERV_AWARD_HDR
CHECKING F00020 ACCT (C.S_ACCT_TYPE_CD) PARENT S_ACCT_TYPE
CHECKING F00021 ASSET_OTHER_INFO (C.ASSET_ID, C.ITEM_NO, C.COMPANY_ID) PARENT ASSET
CHECKING F00030 ACCTING_PD (C.FY_CD) PARENT FY
CHECKING F00040 ACCT_ENTRY_RULES (C.S_ACCT_ENTR_SCR_CD) PARENT S_ACCT_ENTRY_SCR
CHECKING F00050 ACCT_ENTRY_RULES (C.ACCT_ENTR_GRP_CD, C.COMPANY_ID) PARENT ACCT_ENTR_GRP
CHECKING F00060 ACCT_GRP_SETUP (C.ACCT_GRP_CD, C.COMPANY_ID) PARENT ACCT_GRP_CD
CHECKING F00070 ACCT_GRP_SETUP (C.S_ACCT_FUNC_DC) PARENT S_ACCT_FUNC
CHECKING F00080 ACCT_GRP_SETUP (C.ACCT_ID) PARENT ACCT
CHECKING F00090 ACCT_PD_TRNSL (C.ALT_FY_CD, C.ALT_PD_NO, C.ALT_FY_TYPE_DC) PARENT ALT_FY
CHECKING F00100 ACCT_PD_TRNSL (C.FY_CD, C.PD_NO, C.SUB_PD_NO) PARENT SUB_PD
CHECKING F00120 ALT_FY (C.ALT_FY_TYPE_DC) PARENT ALT_FY_TYPE_DC
CHECKING F00150 ALLOC_BASIS_JNL (C.FY_CD, C.PD_NO, C.S_JNL_CD, C.POST_SEQ_NO) PARENT POSTING
CHECKING F00160 ALLOC_BASIS_JNL (C.PROJ_ID) PARENT PROJ
CHECKING F00170 ALLOC_BASIS_JNL (C.FY_CD, C.PD_NO, C.SUB_PD_NO) PARENT SUB_PD
CHECKING F00190 ALLOC_BASIS_JNL (C.REF1_ID, C.COMPANY_ID) PARENT REF_STRUC
CHECKING F00200 ALLOC_BASIS_JNL (C.REF2_ID, C.COMPANY_ID) PARENT REF_STRUC
CHECKING F00240 ALT_PART (C.PART_KEY) PARENT PART
CHECKING F00250 ALT_PART (C.MANUF_ID) PARENT MANUF
CHECKING F00260 ALT_PART (C.VEND_ID, C.COMPANY_ID) PARENT VEND
CHECKING F00270 ALT_PART (C.PART_PREF_TYPE) PARENT PART_PREF_TYPE
CHECKING F00350 BRNCH_ADDR (C.BRNCH_LOC_ID) PARENT BRNCH_LOC
CHECKING F00370 BRNCH_ADDR (C.COUNTRY_CD, C.MAIL_STATE_DC) PARENT MAIL_STATE
CHECKING F00390 BRNCH_ADDR (C.SHIP_ID) PARENT SHIP_ID
CHECKING F00410 BRNCH_ADDR_CONTACT (C.BRNCH_LOC_ID, C.ADDR_DC) PARENT BRNCH_ADDR
CHECKING F00440 BUYER (C.EHPL_ID) PARENT EHPL
CHECKING F00450 BUYER_ORG_ACCT (C.BUYER_ID) PARENT BUYER
CHECKING F00460 BUYER_ORG_ACCT (C.ORG_ID, C.ACCT_ID) PARENT ORG_ACCT
CHECKING F00470 BUYER_PROJ (C.BUYER_ID) PARENT BUYER
CHECKING F00480 BUYER_PROJ (C.PROJ_ID) PARENT PROJ
For Help, press F1
NUM
  
```

Deploy Hotfix Utility

The Deploy Hotfix utility allows you to apply hotfix files to a specific system or to all systems in the Costpoint installation.



This Deploy Hotfix Utility will be removed from DBWizard when you deploy the first Maintenance Release (MR) as MRs have their own installer.

To apply a hotfix to all systems, select the **Apply To All** check box next to the list of systems.

To run the Deploy Hotfix utility, complete the following steps:

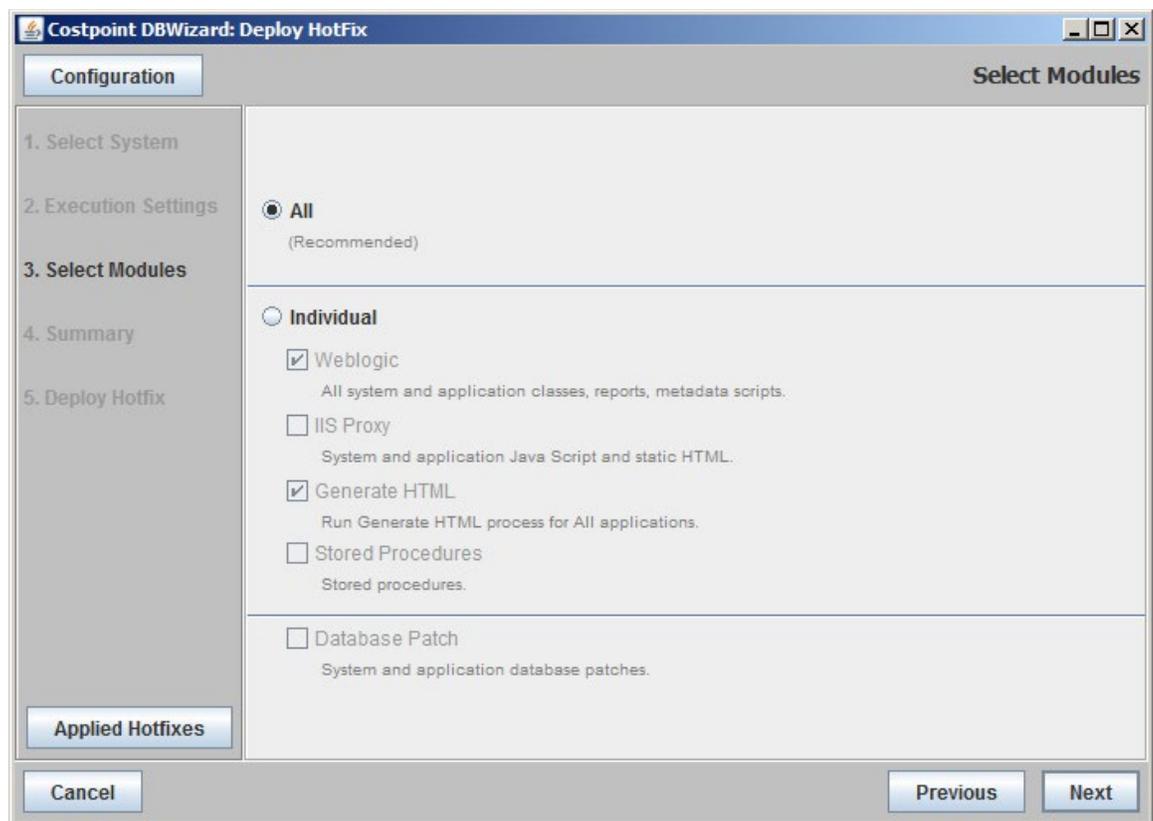
1. Start the Costpoint DB Wizard using the batch CPWebDBWizard.cmd file.
2. From the list of **Available options**, select **Deploy Hotfix**, and click **Next**.
3. Select the system to use, and click **Next**.

The Execution Settings page displays.

4. In the **Mode** section, select the following:
 - **Single** — Select this option to apply a single hotfix file.
 - **Hotfix File** — If you select the **Single** option, then enter, or click the browse button to select, the path to the hotfix file.
 - **Multiple** — Select this option to apply multiple hotfixes from a specified folder.
 - **Hotfix Folder** — If you select the **Multiple** option, then enter, or click the browse button to select, the path to the folder that contains the hotfix files.

5. In the **Execution Settings** section, indicate whether or not you want to apply the hotfix in **Silent Mode**:
 - If you do not select this option, the utility will prompt you for a response when there is a decision to make.
 - If you select this option, the utility does not display any information or warning messages as it applies a hotfix. It assumes that your response to all messages will be the default response. The only exception is when the tool finds that the same hotfix was already applied. Specify how you want the tool to handle this situation:
 - **Reapply Fixes** — Apply the hotfix again.
 - **Do Not Reapply Fixes** — Do not apply the hotfix again.
6. Click **Next**.

The Select Modules page displays.



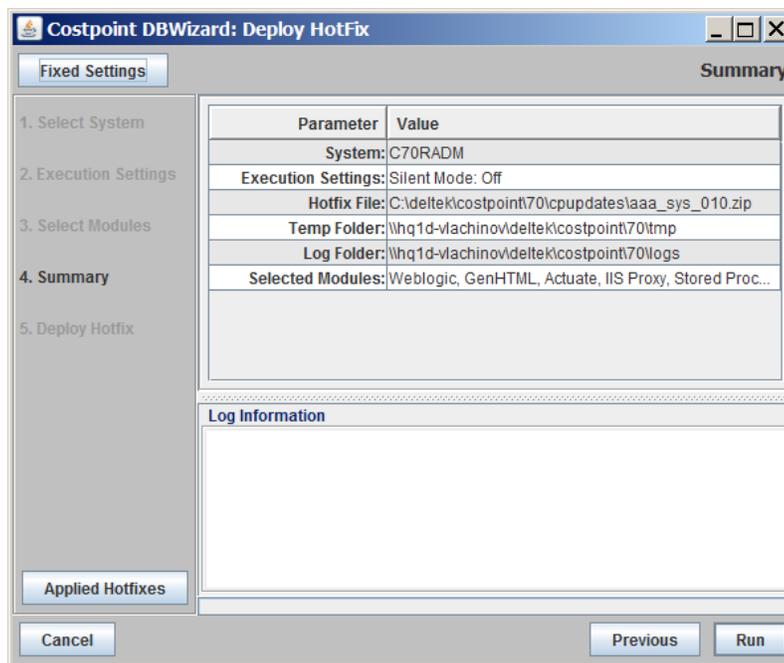
7. Indicate which parts of the hotfix file(s) to deploy:
 - **All** — Select this option if you want to apply all portions of the hotfix. When you use this option, appropriate hotfix parts are applied all at one time to the application server, database server, and optional Web server (proxy).
Use this option only if all servers are accessible from this tool and have read/write access to all Costpoint installation folders.
 - **Individual** — Select this option if you want to choose the portions of the hotfix that are applied, on a server-by-server basis. Note that you must eventually apply all of the parts of the hotfix to your servers. This is simply a way to run the hotfix utility from

several separate machines if your servers are not configured as one physical machine or if all servers are not accessible for administrative functions.

- **Weblogic** — Select this option to update the application server and database server with the Costpoint part of the hotfix. This option also applies report updates.
- **IIS Proxy** — If you use a proxy Web server (IIS), select this option to update Costpoint system files on the Web server.
- **Database patch** — Select this option if you want to apply any database patches that are packaged inside the hotfix. This option works in the same way as the Apply Script option on the main menu of the DB Wizard tool. It uses default settings for the Schema Replace Mode and Execution Setting options.

8. Click **Next**.

The Summary page displays.



9. Verify that the information is correct, and click **Run** to start the process.

You can monitor the progress of the process in the **Log Information** field.

Error Log

If the process fails for any reason or errors are encountered, an error log similar to the following displays.

```

Step:Unpacking hot fixes ...
Detail:Deleting folder C:\deltek\costpoint\61\tmp\unpackedfolder ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\unpackedfolder ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\unpackedfolder\META-INF ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\unpackedfolder\CP Web 6.0 ...
Step:Validating hot fixes ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes ...
Detail:Deleting folder C:\deltek\costpoint\61\tmp\hotfixes ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes ...
Detail:Deleting folder C:\deltek\costpoint\61\tmp\hotfixes ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes ...
Detail:Validating hot fix CP614_SYS_001
Detail:Deleting folder C:\deltek\costpoint\61\tmp\hotfixes ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes ...
Step:Applying hot fix C:\deltek\costpoint\61\tmp\unpackedfolder\CP Web 6.0\cp614_sys_001.jar to the C:\deltek\costpoint\61\
Detail:Deleting folder C:\deltek\costpoint\61\tmp\hotfixes ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes\META-INF ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes\system\classes\com\deltek\enterprise\core\basicsqlmanager ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes\system\classes\com\deltek\enterprise\core\basicsqlparser ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes\system\classes\com\deltek\enterprise\core\basicsqlparser\mainpars ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes\system\classes\com\deltek\enterprise\core\globaldata ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes\system\classes\com\deltek\enterprise\core\utils ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes\system\classes\com\deltek\enterprise\system\applicationinterface ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes\system\classes\com\deltek\enterprise\system\appmanagement ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes\system\classes\com\deltek\enterprise\system\globaldata ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes\system\classes\com\deltek\enterprise\system\licensing ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes\system\classes\com\deltek\enterprise\system\processserver ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes\system\classes\com\deltek\enterprise\system\reporting\actuate\app ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes\system\classes\com\deltek\enterprise\system\reporting\actuate\han ...
Detail:Creating folder C:\deltek\costpoint\61\tmp\hotfixes\system\classes\com\deltek\enterprise\system\reporting\core ...
    
```

In some of the cases, it is possible that after deploying Extensibility Project(s) or after deploying standard hotfixes, your Extensibility Unit(s) will be flagged as invalid. This can happen when the Extensibility application description is no longer compatible with the standard app description. To correct this situation, you will need review and correct your Extension(s). Please review the log file for more details.

Registration Hotfix Database Tables

The Deploy Hotfix utility uses the following tables for hotfix file registration.

Table Name	Description
DB_TABLE_VERS	This table contains information about applied database patches.
DB_TABLE_C_VERS	This table contains information about applied custom database patches.
DB_META_VERS	This table contains information about the applied system hotfixes.
DB_META_APP_VERS	This table contains information about the applied application hotfixes.

Table Name	Description
DB_META_C_APP_VERS	This table contains information about the applied custom application hotfixes
DB_DOC_VERS	This table contains information about applied Stored Procedure system hotfixes.
DB_DOC_APP_VERS	This table contains information about applied Stored Procedure application hotfixes.
DB_DOC_C_APP_VERS	This table contains information about applied Stored Procedure custom application hotfixes.

Link View Utility

The Link View utility generates database link views between the Admin, Meta, and Data database schemas.



To run this utility, you must provide the DBA username(s) and password(s).

To run the Link View utility, complete the following steps:

1. Start the Costpoint DB Wizard using the batch CPWebDBWizard.cmd file.
2. From the list of **Available options**, select **Link-View**, and click **Next**.
3. Select the system to use, and click **Next**.

The Enter Passwords page displays.

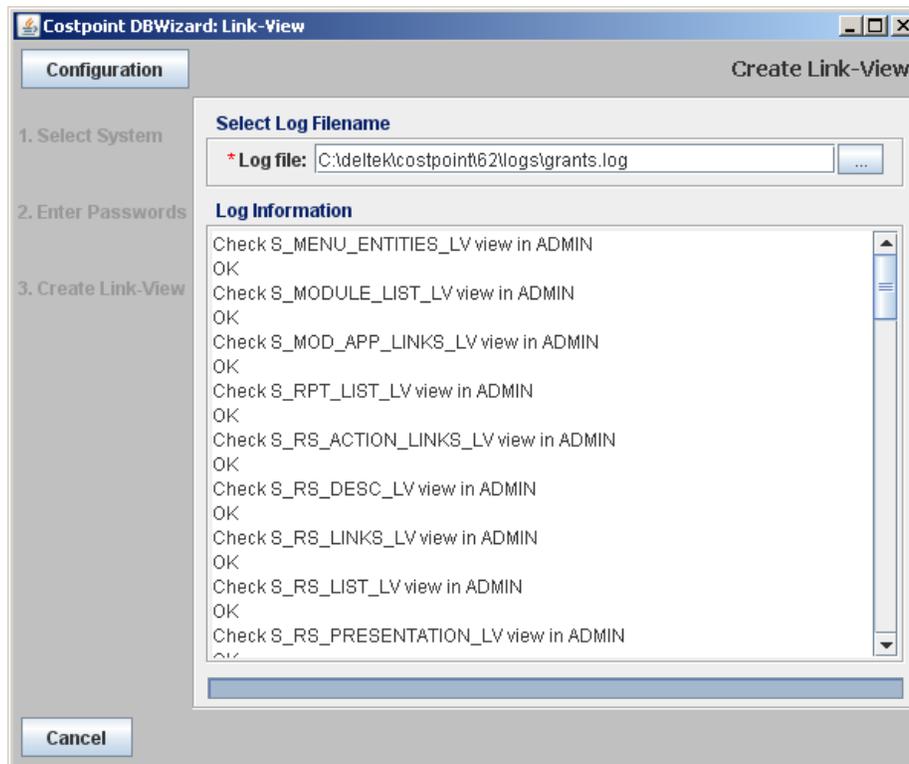
4. Complete the following information:
 - **DBA User** — Enter the database administrator’s username.
 - **Password** — Enter the database administrator’s password.
5. Click **Test** to validate the database connection for the entered DBA username and password.



If your system uses more than one database instance, then you have to enter the DBA information for each database instance.

6. Click **Next**.

The Create Link-View page displays.



7. If necessary, change the log filename and/or path.

8. Click **Run** to start the process.

You can monitor the progress of process in the **Log Information** field.

Error Messages

If the process fails for any reason or errors are encountered, the utility will display a detailed error message.

Apply License Utility

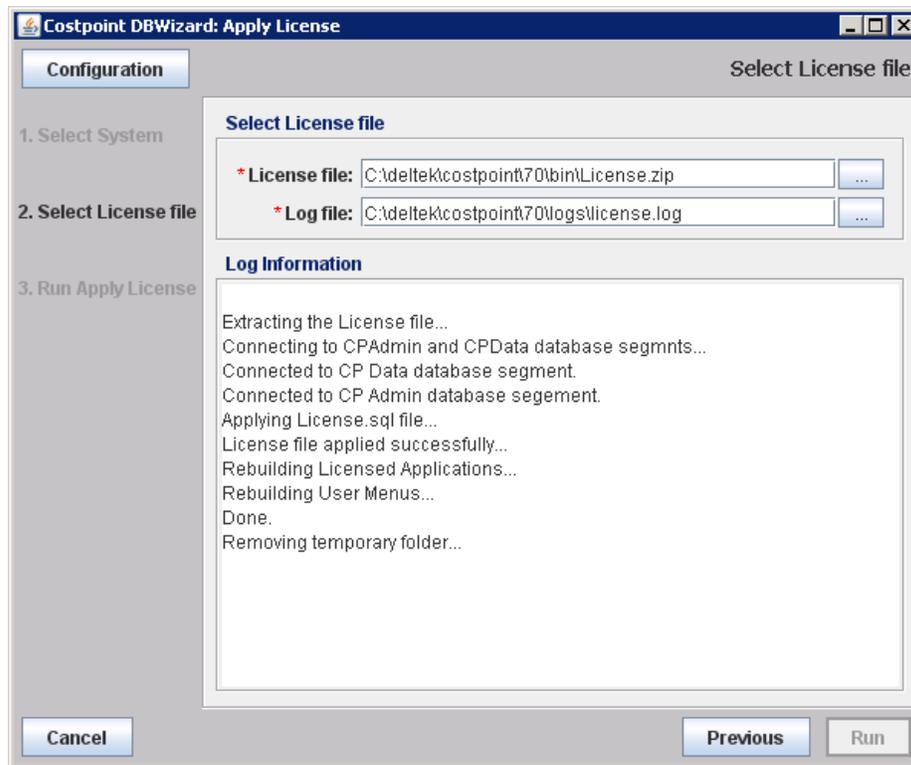
The Apply License Utility utility allows you apply the License file to a database.

To run the Apply License utility, complete the following steps:

1. Start the Costpoint DB Wizard using the batch CPWebDBWizard.cmd file.
2. From the list of **Available options**, select **Apply License**, and click **Next**.
3. Select the system to apply the license file to, and click **Next**.

The screenshot shows the 'Costpoint DBWizard: Apply License' dialog box. It has a 'Configuration' tab and a 'Select System' section. The 'System' dropdown is set to 'C70RDO'. Below this, there are two sections: 'CP System' and 'CP Admin'. Each section has fields for Host, Port, Instance, User, and URL. A 'Test' button is located next to the CP System fields. At the bottom of the dialog are 'Cancel' and 'Next' buttons.

4. Select the License file, and then click **Run** to start the process.



You can monitor the progress of the process in the **Log Information** field.

After the license has been applied with the DBWizard, please either restart the Costpoint 7 Window's service (Weblogic) or run the Rebuild Global Settings Application Process in Costpoint.

Error Log

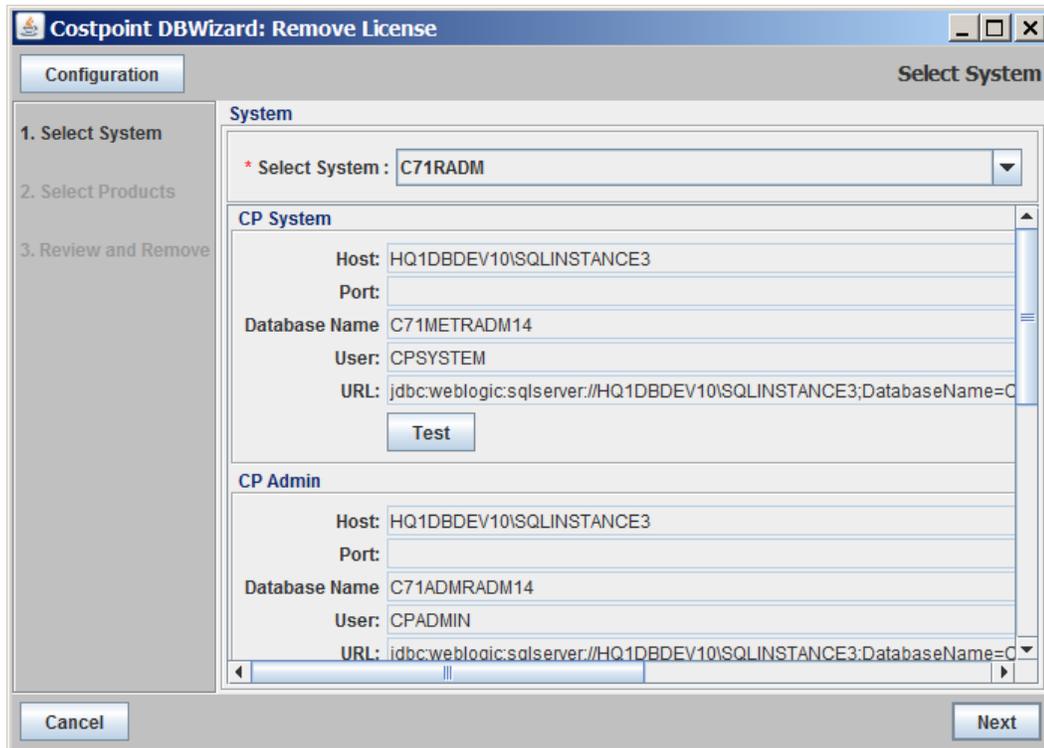
If the process fails for any reason or errors are encountered, an error log displays.

Remove License Utility

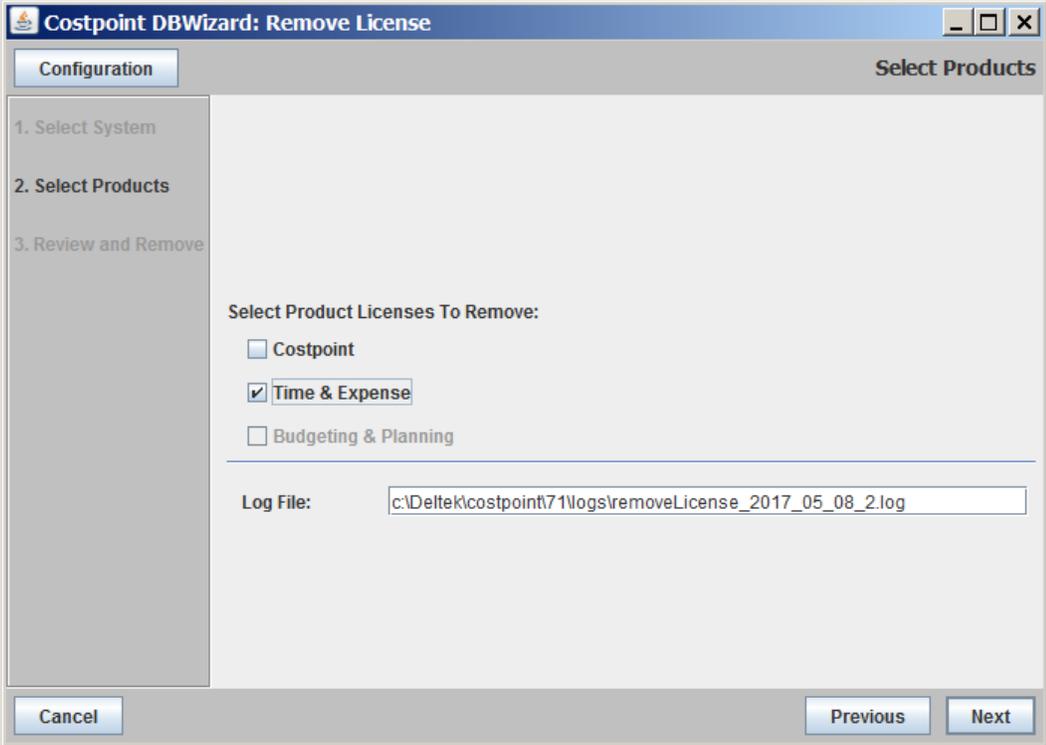
The Remove License Utility allows you to remove the licenses for a selected products from a database.

To remove the license for a product, complete the following steps:

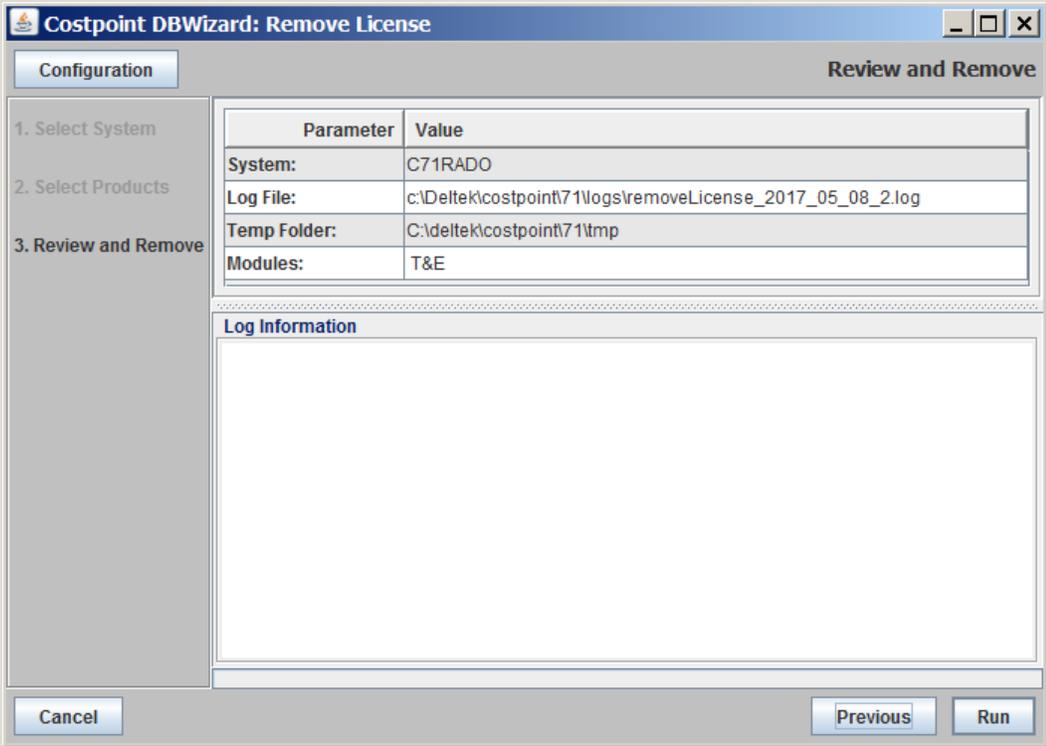
1. Start the Costpoint DB Wizard using the batch CPWebDBWizard.cmd file.
2. From the list of **Available options**, select **Remove License**, and click **Next**.
3. On the Select System page of the wizard, select the system to apply the license file to, and click **Next**.



4. On the Select Products page, select the check box next to the product(s) for which you want to remove the license, and click **Next**.



5. On the Review and Remove page, click **Run** to start the process.



You can monitor the progress of the process in the **Log Information** field.

After the license has been removed with the DBWizard, either restart the Costpoint 7 Window's service (Weblogic) or run the Rebuild Global Settings Application Process in Costpoint.

Error Log

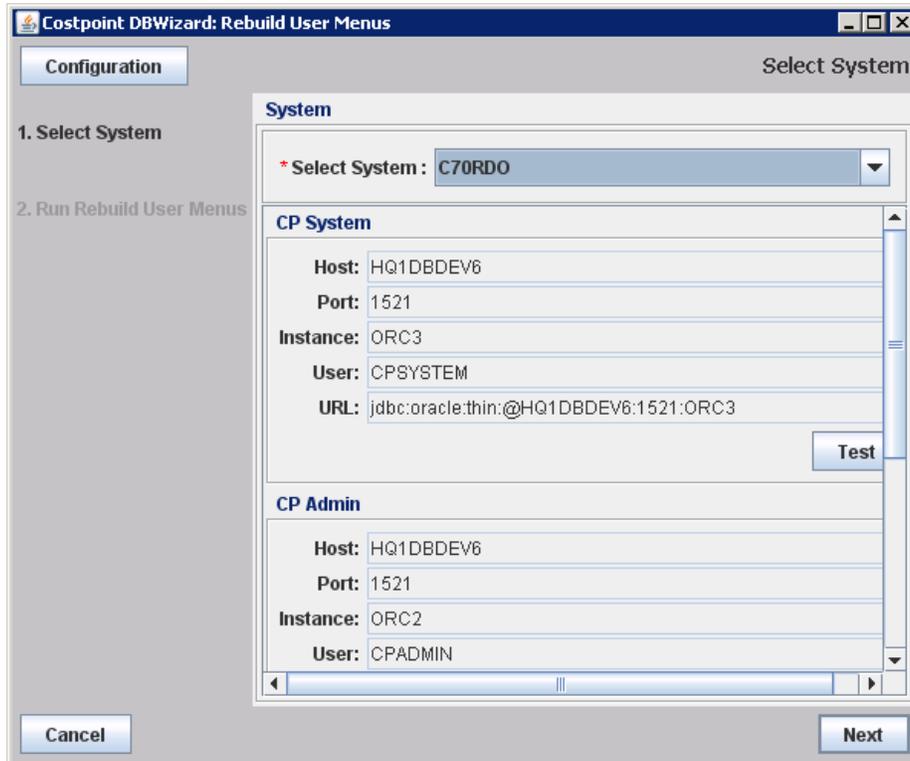
If the process fails for any reason or errors are encountered, an error log displays.

Rebuild User Menus Utility

The Rebuild User Menus utility allows you to rebuild user menus in a selected system.

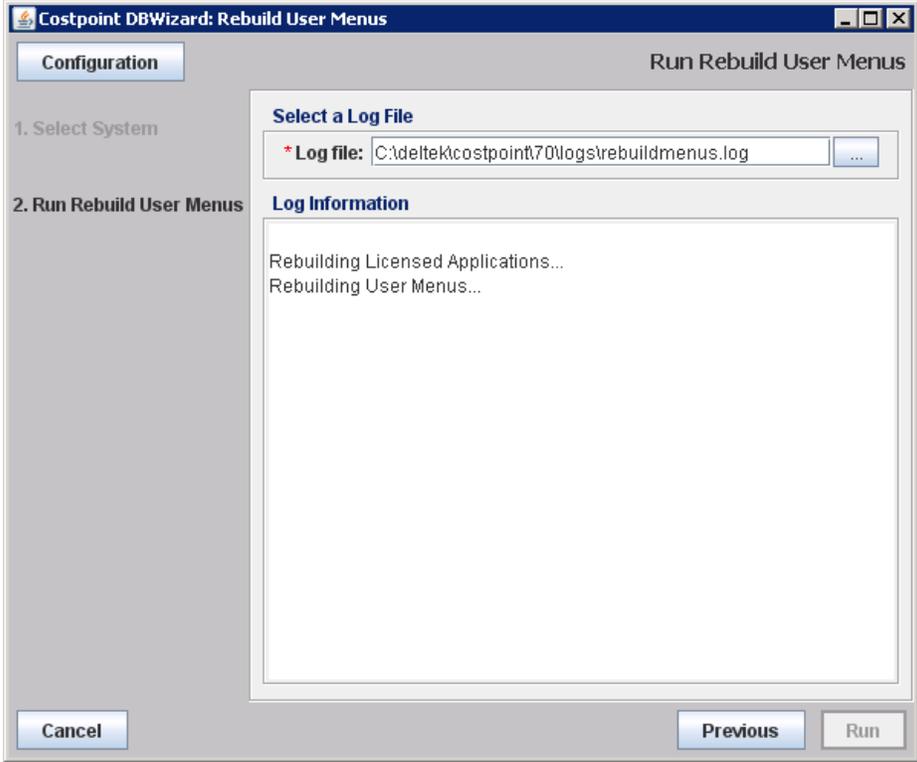
To run the Rebuild User Menus utility, complete the following steps:

1. Start the Costpoint DB Wizard using the batch CPWebDBWizard.cmd file.
2. From the list of **Available options**, select **Rebuild User Menus**, and click **Next**.
3. Select the system for which to rebuild user menus, and click **Next**.



4. Click **Run** to start the process.

You can monitor the progress of the process in the **Log Information** field.



Error Log

If the process fails for any reason or errors are encountered, an error log displays.

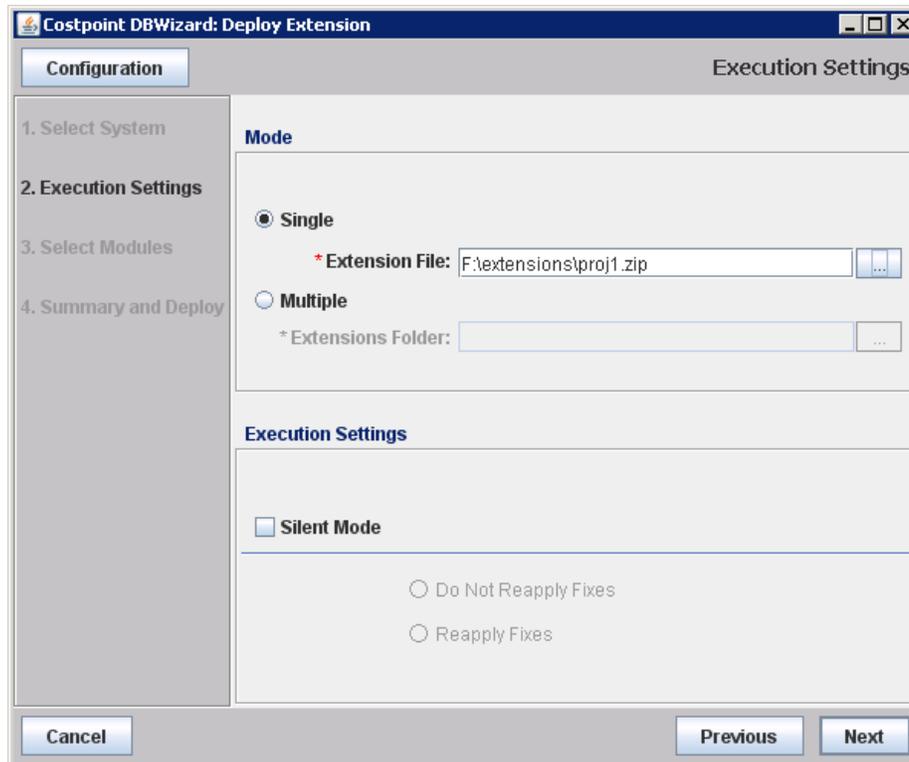
Deploy Extension Utility

The Deploy Extension utility allows you to apply extension files to a specific system.

To run the Deploy Extension utility, complete the following steps:

1. Start the Costpoint DB Wizard using the batch CPWebDBWizard.cmd file.
2. From the list of **Available options**, select **Deploy Extension**, and click **Next**.
3. Select the system to use, and click **Next**.

The Execution Settings page displays.



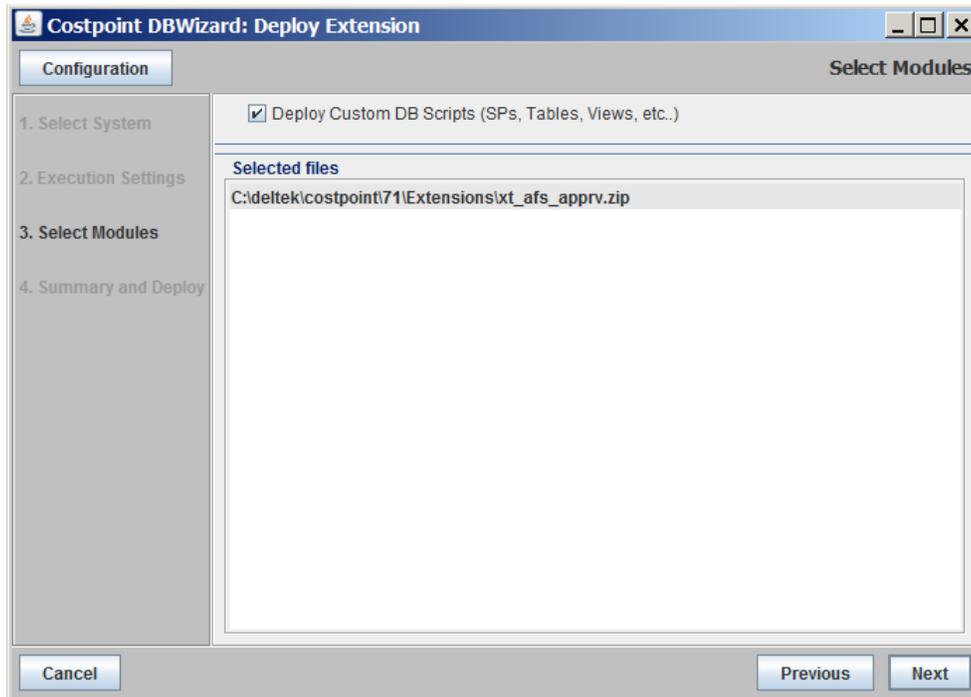
4. In the **Mode** section, select the following:
 - **Single** — Select this option to apply a single hotfix file.
 - **Extension File** — If you select the **Single** option, then enter, or click the browse button to select, the path to the hotfix file.
 - **Multiple** — Select this option to apply multiple extensions from a specified folder.
 - **Extension Folder** — If you select the **Multiple** option, then enter, or click the browse button to select, the path to the folder that contains the extension files.
5. In the **Execution Settings** section, indicate whether or not you want to apply the hot fix in **Silent Mode**:
 - If you do not select this option, the utility will prompt you for a response when there is a decision to make.
 - If you select this option, the utility does not display any information or warning messages as it applies a hotfix. It assumes that your response to all messages will

be the default response. The only exception is when the tool finds that the same hotfix was already applied. Specify how you want the tool to handle this situation:

- **Reapply Fixes** — Apply the hotfix again.
- **Do Not Reapply Fixes** — Do not apply the hotfix again.

6. Click **Next**.

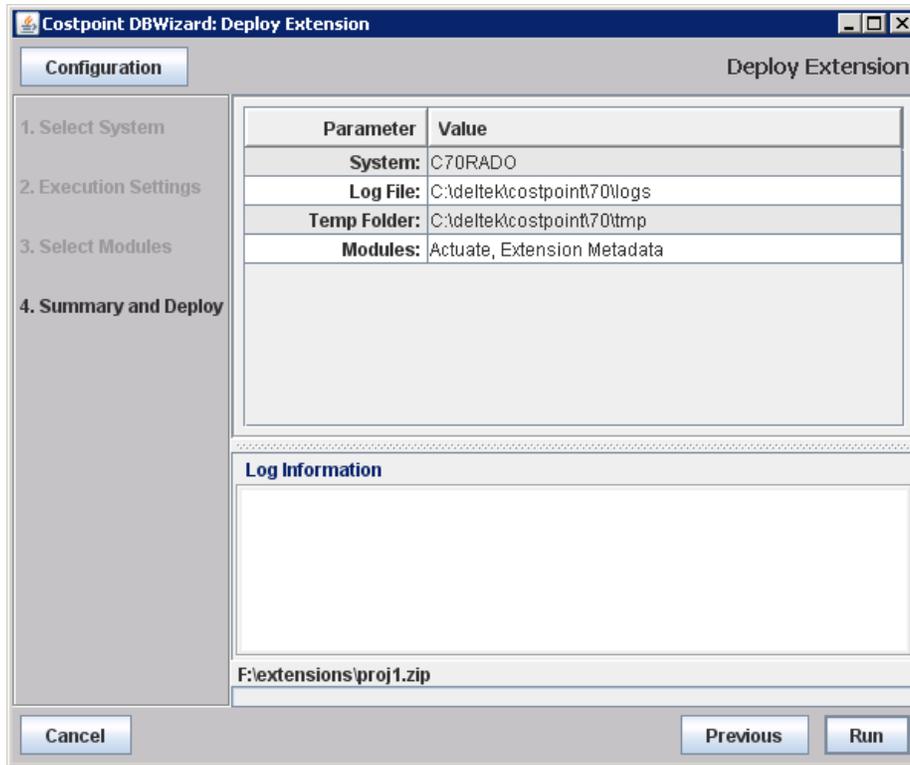
The Select Modules page displays.



7. Optional. If your package contains a stored procedure, create tables, views, or other database objects SQL scripts to be applied, select the **Deploy Custom DB Scripts** check box.

8. Click **Next**.

The Summary page displays.

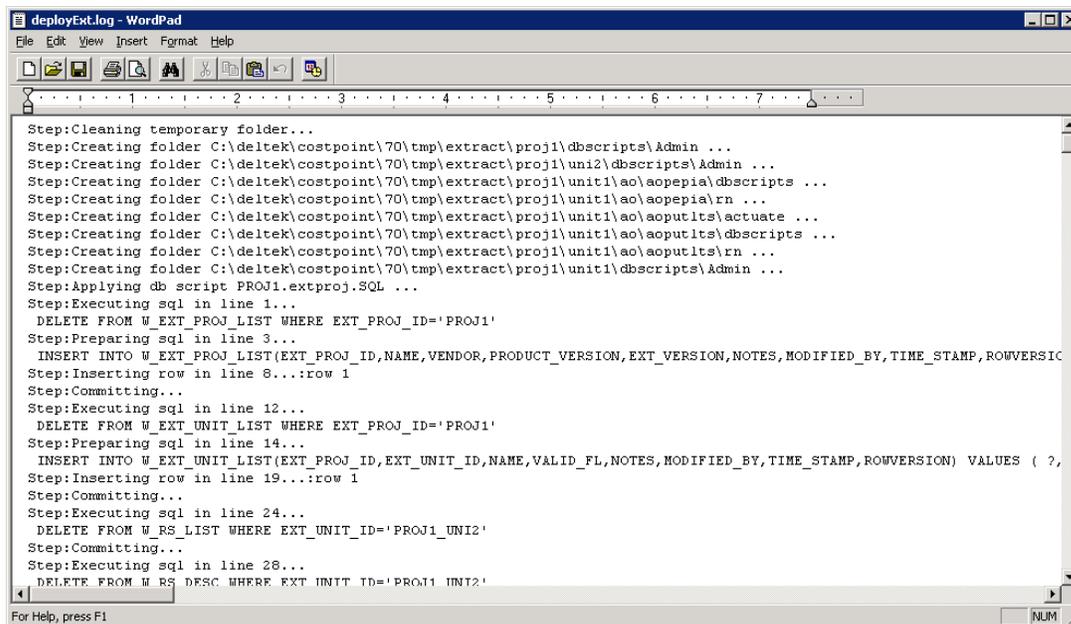


9. Verify that the information is correct, and click **Run** to start the process.

You can monitor the progress of the process in the **Log Information** field.

Error Log

If the process fails for any reason or errors are encountered, an error log similar to the following displays.



Required Deploy Extension Database Tables

The Deploy Extension utility uses the following tables for extension file registration.

Table Name	Description
W_EXT_PROJ_LIST	This table contains list of Extensibility Projects deployed to the system.
W_EXT_UNIT_LIST	This table contains list of Extensibility Units deployed to the system.

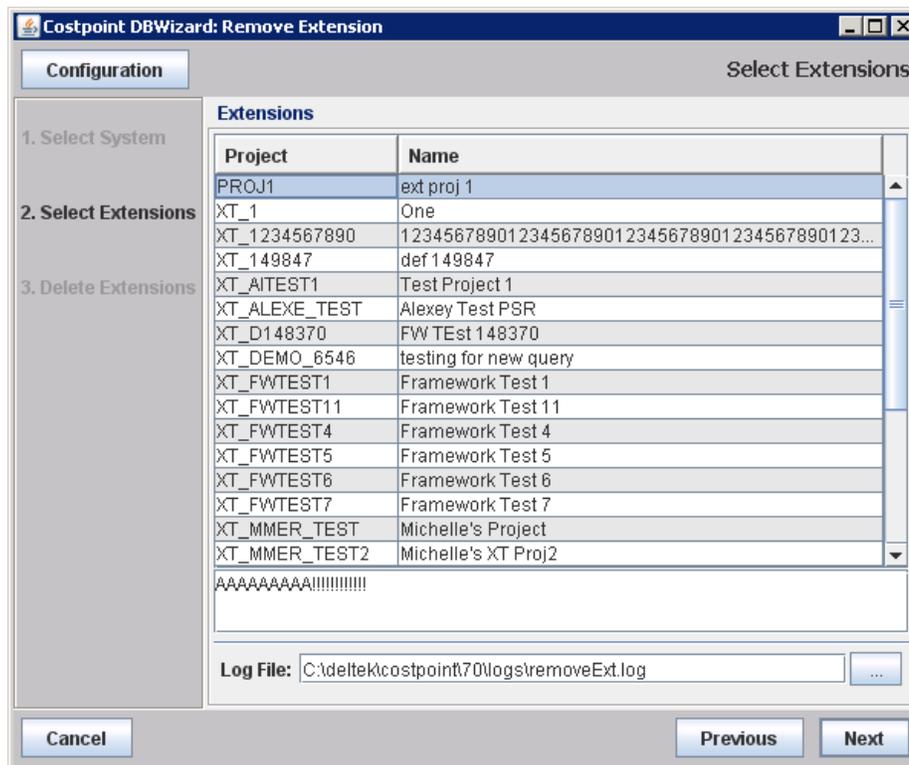
Remove Extension Utility

The Remove Extension utility allows you to delete extension files from a specific system.

To run the Remove Extension utility, complete the following steps:

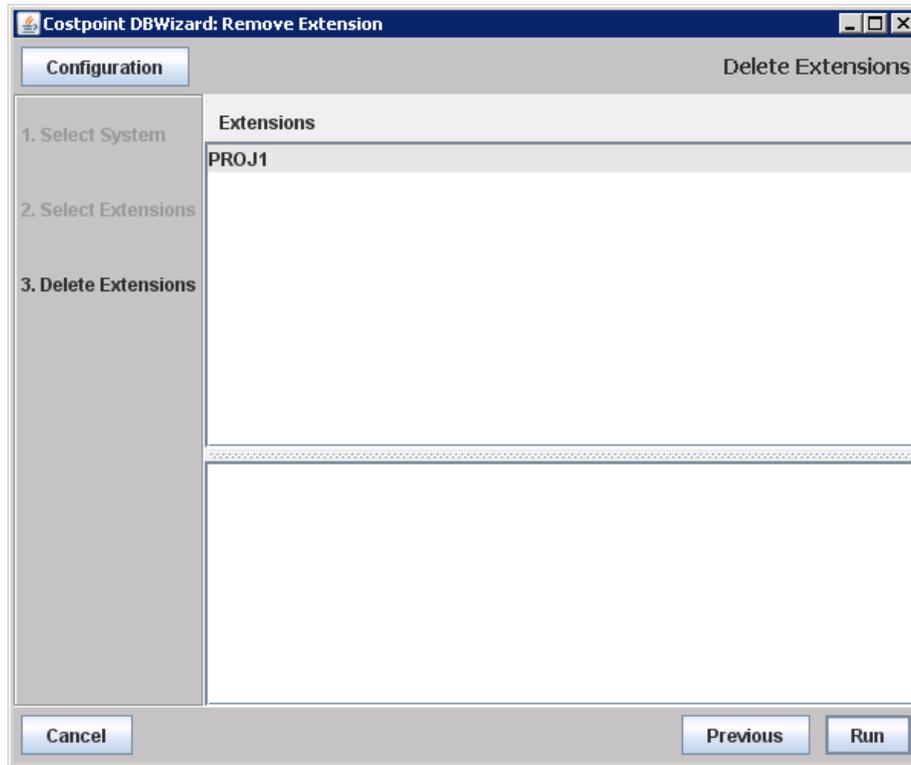
1. Start the Costpoint DB Wizard using the batch CPWebDBWizard.cmd file.
2. From the list of **Available options**, select **Remove Extension**, and click **Next**.
3. Select the system to use, and click **Next**.

The Execution Settings page displays.



4. Select the extension(s) that needs to be removed from a system.
5. Confirm the log file path and filename.
6. Click **Next**.

The Remove Extension page displays.

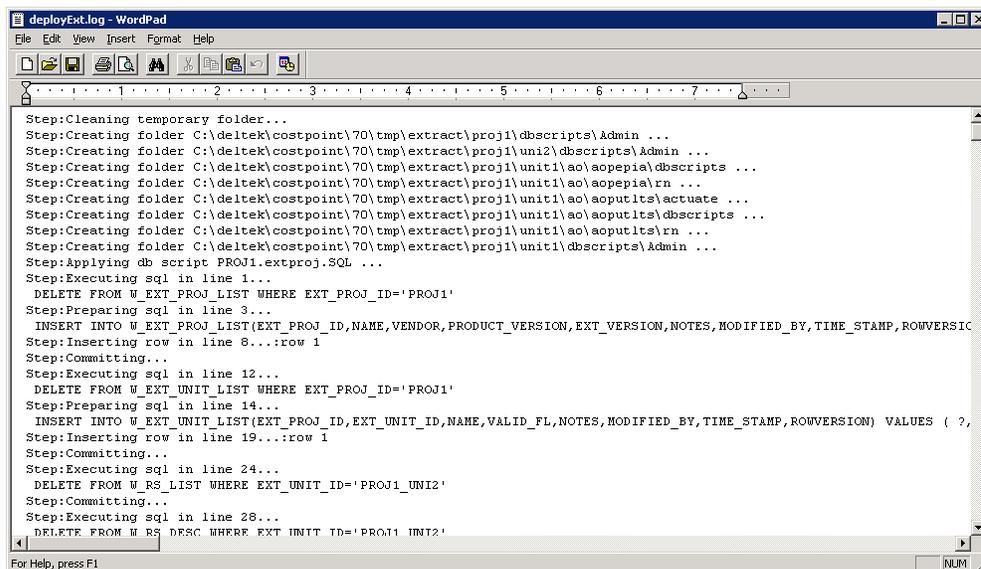


7. Indicate which extension(s) to remove.
8. Click **Run** to start the process.

You can monitor the progress of the process in the **Log Information** field.

Error Log

If the process fails for any reason or errors are encountered, an error log similar to the following displays.



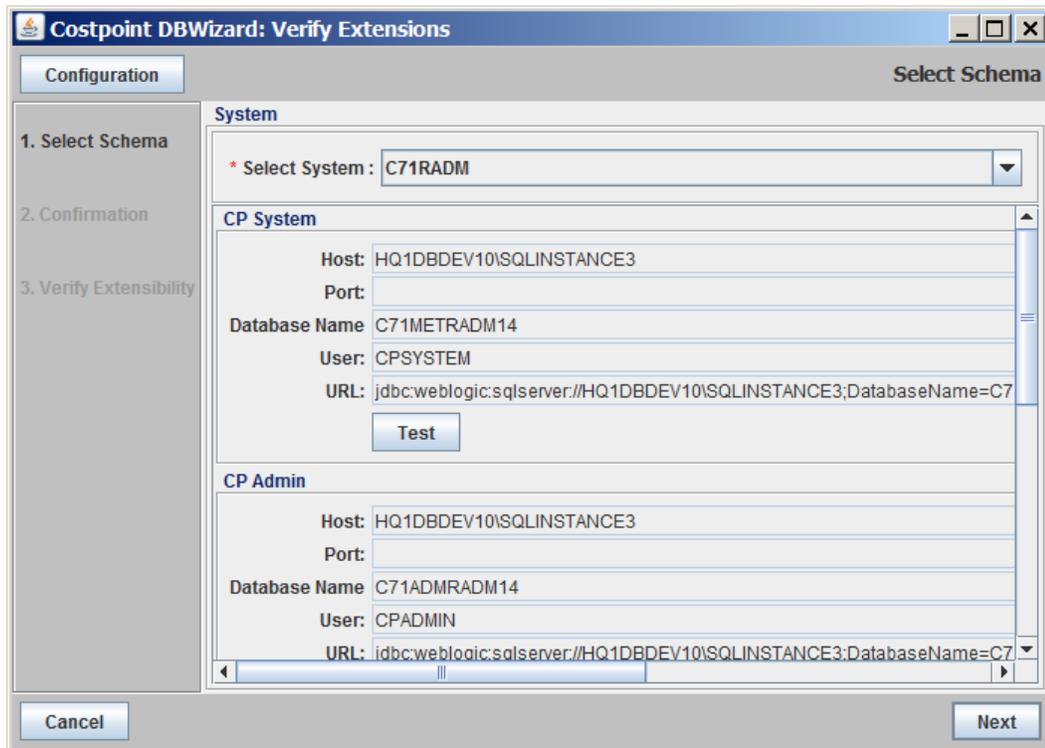
In some of the cases, it is possible that after deploying Extensibility Project(s) or after deploying standard hotfixes, your Extensibility Unit(s) will be flagged as invalid. This can happen when the Extensibility application description is no longer compatible with the standard app description. To correct this situation, you will need review and correct your Extension(s). Please review the log file for more details.

Verify All Extensibility

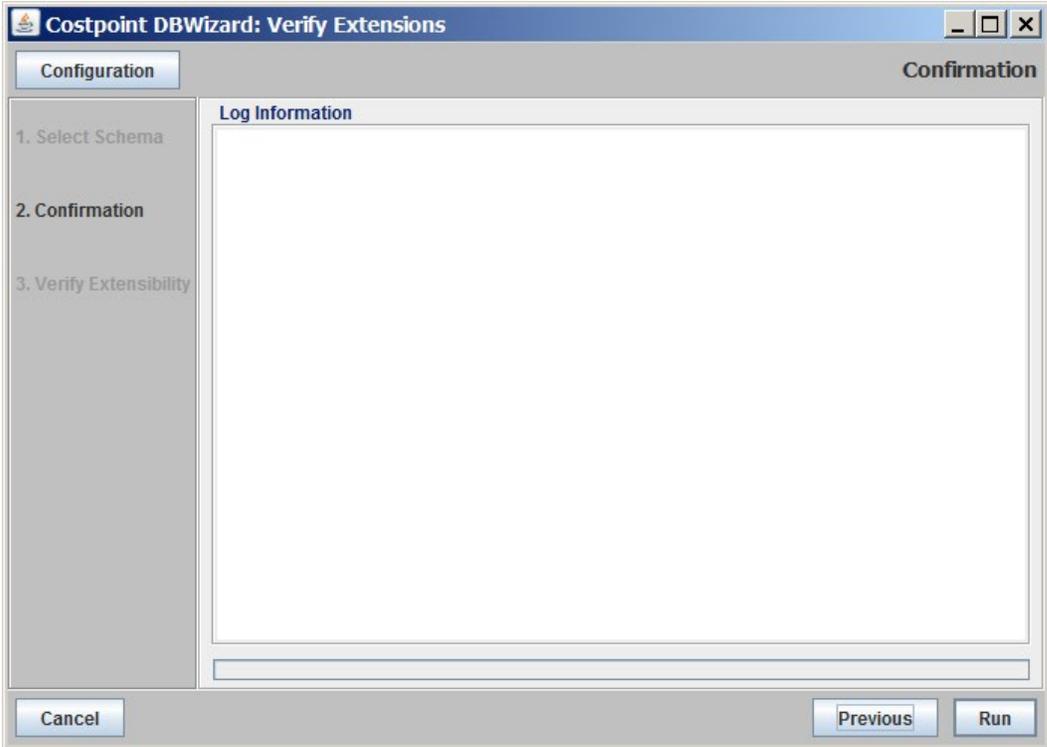
The Verify All Extensibility utility allows you to verify all Extensibility Units in a selected system. With the Extensibility Console, you can verify Extensibility Projects and Units-one-by one, but the Verify All Extensibility utility verifies all extensions at one time. It can be helpful when bringing up a new system or when you want to re-check the status of all extensions.

To run the Verify All Extensibility utility, complete the following steps:

1. Start the Costpoint DB Wizard using the batch CPWebDBWizard.cmd file.
2. From the list of **Available options**, select **Verify All Extensibility**, and click **Next**.
3. On the Select Schema page of the wizard, select the system for which to run the process, and click **Next**.

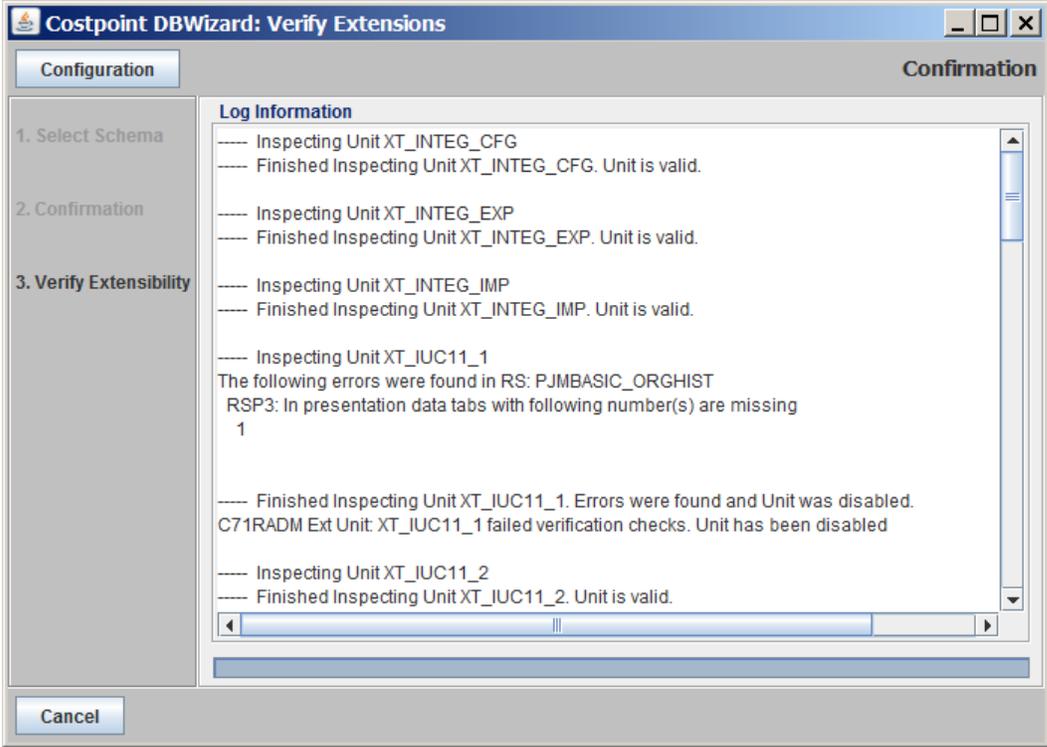


4. On the Confirmation page, click **Run** to start the process.
You can monitor the progress of the process in the **Log Information** field.



Error Log

If the process fails for any reason or errors are encountered, an error log displays:



If any of your Extensibility Unit(s) are flagged as invalid, you will need review and correct your Extension(s). This can happen when the Extensibility application description is no longer compatible with the standard application description. Please review the log file for more details.



Deltek is the leading global provider of enterprise software and information solutions for government contractors, professional services firms and other project- and people-based businesses. For decades, we have delivered actionable insight that empowers our customers to unlock their business potential. 20,000 organizations and millions of users in over 80 countries around the world rely on Deltek to research and identify opportunities, win new business, recruit and develop talent, optimize resources, streamline operations and deliver more profitable projects. Deltek – Know more. Do more.®

deltek.com