FORTRA

Abstract

Installation Guide

Copyright Terms and Conditions

Table of Contents

Before You Begin

Read this section before you install Abstract.

System Requirements and Notes

- Your operating system level must be at IBM i 7.2 or higher.
- Review the **ReadMe** document for changes that may affect your environment. This document is part of the Instruction Package available on the Abstract download page.
- If you are updating from Abstract 10.7.235 or higher, the installation program keeps your existing authorization code. If you are doing a new install, or your current version is less than 10.7.235, you need a new authorization code from Fortra.
- The Abstract Plug-in for RDi 9.6 requires Access Client Solutions (ACS).

Installing Abstract

Follow these instructions to install Fortra's Abstract using the Fortra Product Loader (the installation process automatically installs Abstract into the default library **SEQUEL** on the IBM i). This process downloads everything to your PC and loads the objects on the IBM i.

> **NOTE:**
> For general information about the Fortra Product Loader, see Using the Fortra Product Loader on our website.

1. Download the Fortra Abstract installer (**setupAbstract.exe**) from the Fortra Support Portal. Double-click it to start.
2. On the Choose Components panel, select which components you want to install. You can choose to install the Manuals and/or the Software for IBM i. Click **Start** to continue.

   The installer will extract files to your PC and launch the Abstract Product Loader in a secondary window.

   > **NOTE:**
   > If you select the Manuals component, they will be installed in the following location: **C:\Program Files (x86)\SEQUEL\ABSTRACT\manuals**

3. On the IBM i Details panel:

a. Select or enter the IBM i where you want to load Abstract.

b. Enter a user profile and password that is a member of the user class *SECOFR and has at least the following special authorities: *ALLOBJ, *SECADM, *JOBCTL, and *IOSYSCFG. The user profile should have Limit capabilities set to *NO. This profile will be used to restore and copy objects, and for product maintenance on the IBM i.

c. (Optional) In the Advanced Settings section:

- Enter a port number or use the arrows if you want to change the FTP port number to something other than the default of 21.

- Select **Secure File Transfer** if you want to use FTPS (FTP over SSL) during the file transfer. The default FTPS secure port is 990, but it can be changed to the required secure port for your environment.

- In the **Timeout (seconds)** field, enter the number of seconds the session should be kept active during an FTP transfer. You can choose anywhere between 25 and 1800 seconds (30 minutes).

> **NOTE:**
> If the transfer takes longer than the amount of time specified, the session will expire.

d. Click **Next**.

4. You have two options on the Product Load Options panel:

a. Click **Immediate Load** to load the product on the IBM i now.

b. Click **Staged Load** to transfer the objects now and load them on the IBM i at a later time.

> **NOTE:**
> See Loading Staged Objects on the IBM i below for instructions on how to load the staged objects on your selected IBM i system.

5. The Product Load Progress panel for Abstract launches. When the processing is complete, you have two choices:

- If this is the only installation of Abstract you are performing, click **Finish**.

- If you have more installations on other IBM i systems, click **Restart**. Then, return to step 3.

> **NOTE:**
> If the Product Load Progress panel ends with an overall Failed message, the product upload could not complete properly. To find the reason the upload or install failed, click **View Logs** and review your logs. You can also use **Download** at the top of the logs to save the information for future review.

Loading Staged Objects on the IBM i

If you chose to stage your objects using step 4b of the installation or update process, do the
following to manually load them on the IBM i you identified above.

1. At a command line, enter the following to display the Work with Loads panel:

   HSLOADMGR/HSWRKLOAD

2. Enter option **1** next to the Load Name for Abstract and press Enter.

   > **NOTE:**
   > Option **2** does not apply to Abstract as a pre-check is not required. Use option **8** if
   > you want to copy the Load command for use in a job scheduler or to submit the
   > load now.

3. After a series of status messages, the Abstract Installation panel displays. This install
   panel is used for both first time installation or updating your existing version.

```
11/17/                    ABSTRACT Installation
11:15:25                                            SUPPORT

Install interactively or in batch

  Submit . . . . . . . .  ◉ Run Interactively     *LIBL     / QBATCH
                          O Submit to Lib/Jobd:
ABSTRACT product library  ABSTRACT

Install ESEND? . . . . .  ◉ Yes

  ESEND Product library   ESEND

Only used for new library installs
  Restore to ASP . . . .  01




 F3=Exit  F12=Cancel
```

Specify the installation options you want to use, and press **Enter**:

Install interactively or in batch - Select one of the following:

   1=Submit to batch : Submits the install as a batch job. Enter the library and job
   description to run the install in batch.

   2=Run interactively: Runs the install interactively.

ABSTRACT Product library - Enter the name of the library where you want to install
Abstract.

Install ESEND? - Select one of the following:

   Yes: Install Sequel Software' email support product, Esend

   No: Do not install Esend. Runs the install interactively.

ESEND Product library - Enter the name of the library where you want to install Esend.

Restore to ASP - Enter the auxiliary storage pool number for new installs of Abstract..

Installing Abstract Plug-ins

Abstract can be added as a plug-in to Rational Developer for i (RDi).

If you want to install or update the optional RDi / RDP plug-in features, continue with the remainder of this document. Otherwise, you are finished with your installation of ABSTRACT. Be sure to review the After You Are Done section.

## Install, Update, or Convert the Abstract Plug-in for RDP 8x / RDI 9.0/1/2/5

> **NOTE:**
> These versions of RDP/RDi are not supported in Windows 10.

Steps

Make sure you have already installed the ABSTRACT Plug-in for System i Navigator.

Do the following to install and add the plug-in to RDi.

1. From RDP/RDi, select **Help\Install New Software** on the main menu.
2. When the Install screen opens, press the **Add** button.
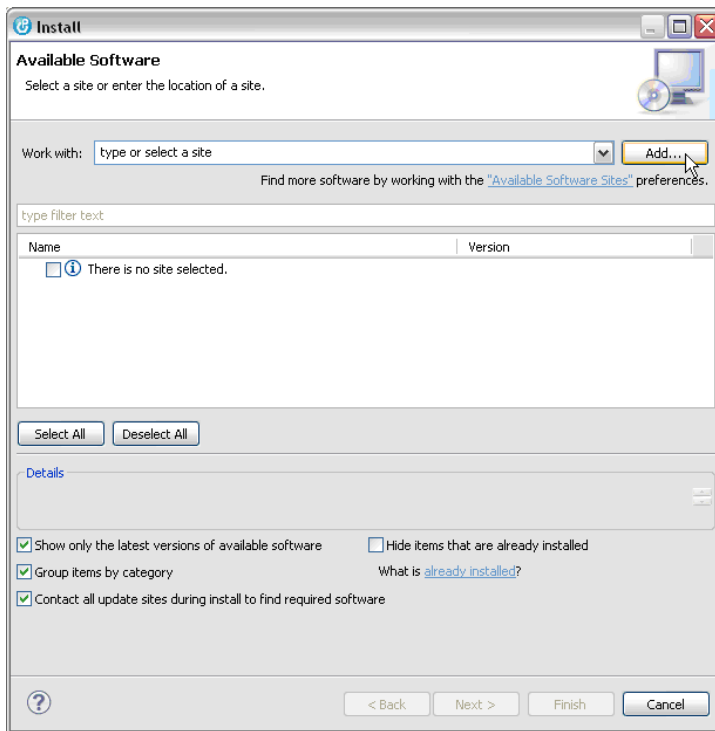
3. In the Add Repository window, enter a **Name** (we used 'RDP 8.x'), and one the following URLs:

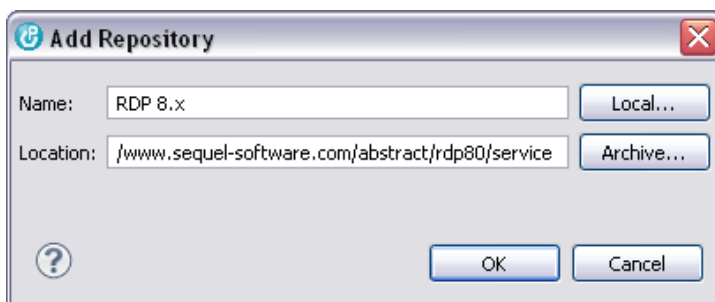   **http://www.sequel-software.com/abstract/rdp80/service (for RDP 8.x)**

   or

   http://www.sequel-software.com/abstract/rdi90/service (for RDi 9.0/1/2)

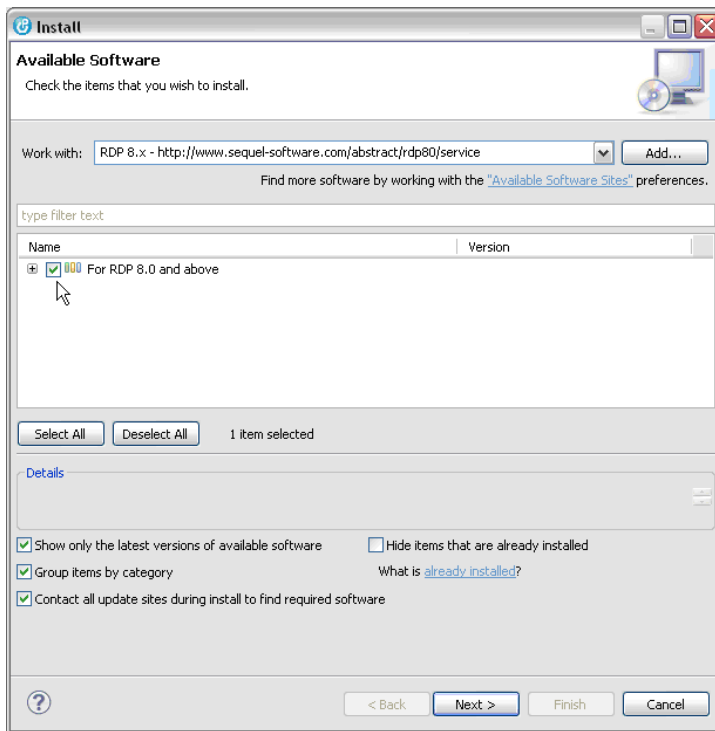   or

   http://www.sequel-software.com/abstract/rdi95/service (for RDi 9.5)
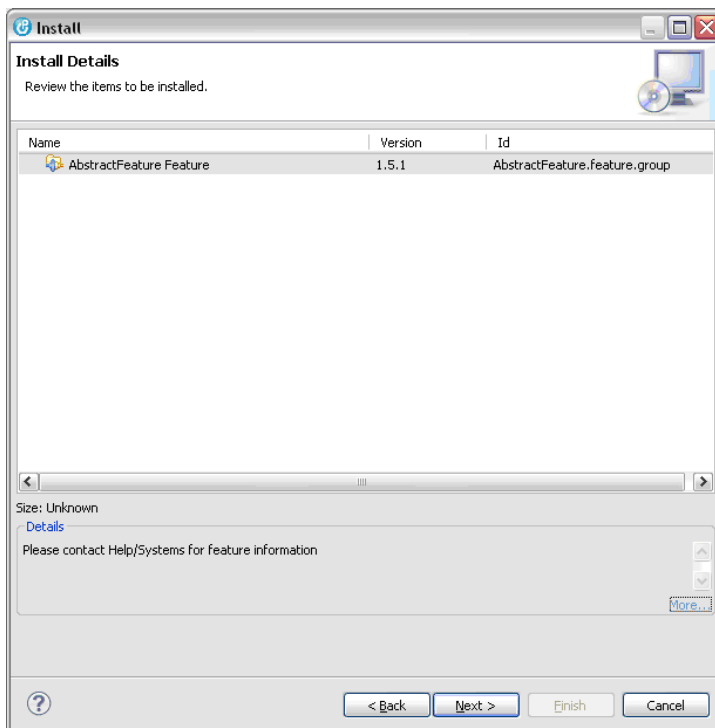
   Press **OK**.

4. Check the item displayed, and press **Next** to continue (there will only be one item listed, and its value will change based on the URL selected in step 3).
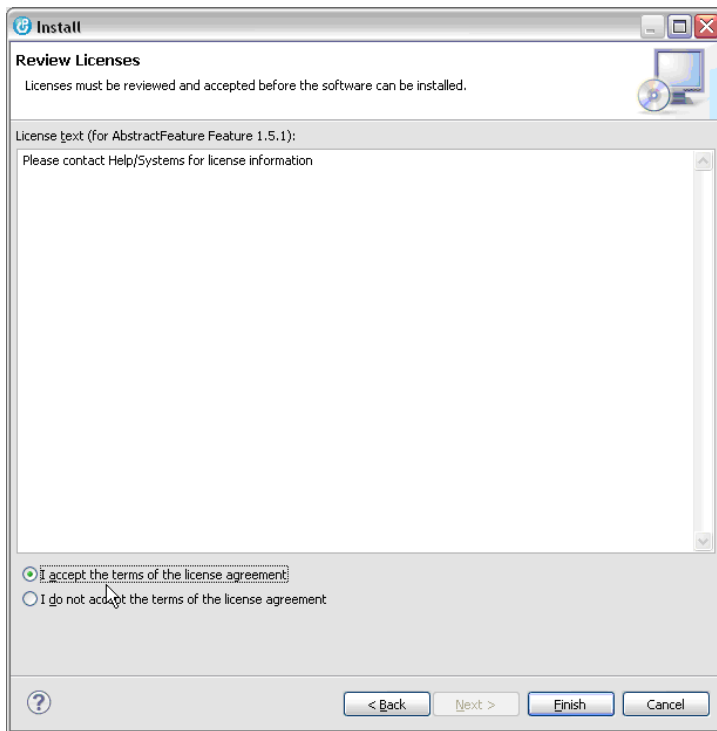
5. The next Install window displays the ABSTRACT feature. Press **Next**.

6. Check the button to accept the license agreement and press **Finish** to complete the install.

7. When prompted, press **Yes** to restart Rational Developer.

> **NOTE:**
> When Rational Developer restarts, the path for the ABSTRACT plug-in needs to be
> manually adjusted for 64 bit Windows systems.

To change the path, navigate in RDP/RDi to **Window\Preferences**.

a. For versions prior to 9.5 expand the **Help** directory and select **HelpSystems
    Abstract** directories.
    For version 9.5, expand the **ABSTRACT Directory Preferences** directory and
    select **Abstract Executable Path**.

b. Use the **Browse** button on the right to set the path to:

    C:\PROGRAM FILES (X86)\IBM\CLIENT ACCESS\PLUGINS\ASC.ABSTRACT

Install, Update, or Convert the Abstract Plug-in for RDi 9.6

> **NOTE:**
> Abstract Plug-in for RDi 9.6 is only supported on Windows 10 using IBM ACS Windows
> Application Package. See the next section in this documentation for more on this.

Steps

Be sure to first download the **Abstract Plug-in for Eclipse zip** file from Fortra, extract the contents to your desktop, and run the **setupabstract.exe** file. This installs several required Window modules.

Do the following to install, and add the plug-in to RDi.

1. From RDi, select **Help\Install New Software** on the main menu.
2. When the Install screen opens, press the **Add** button.
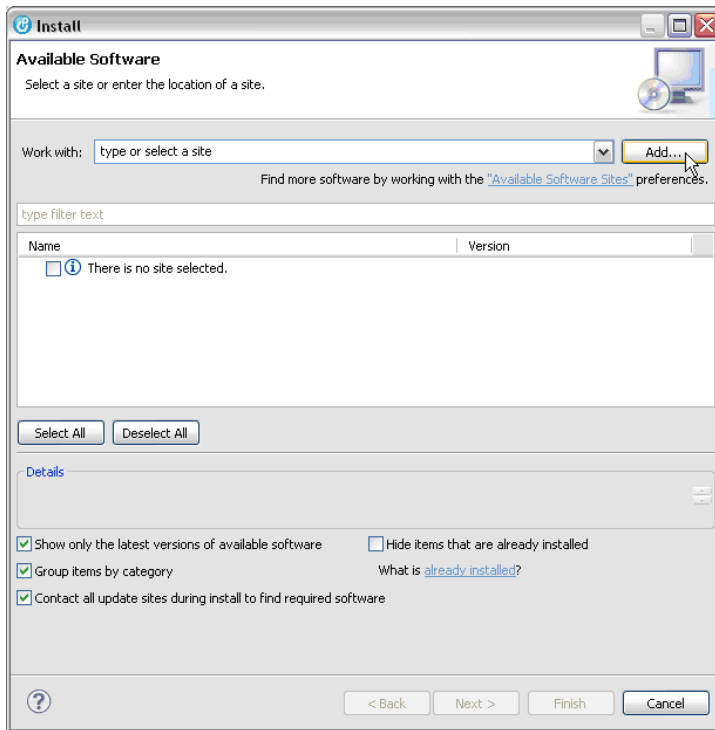
3. In the Add Repository window, enter a **Name**, and the following URL:
   http://www.sequel-software.com/abstract/rdi96/service (for RDi 9.6)
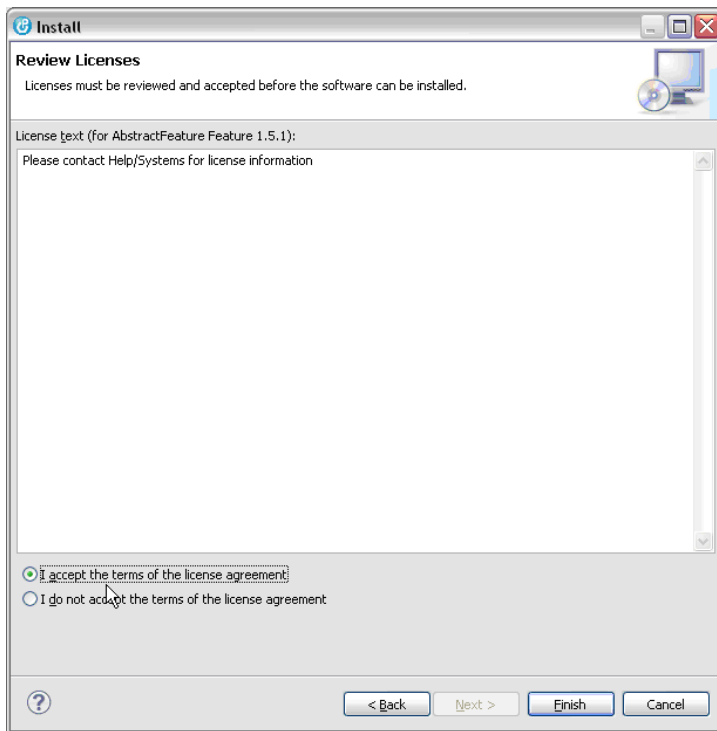   Press **OK**.
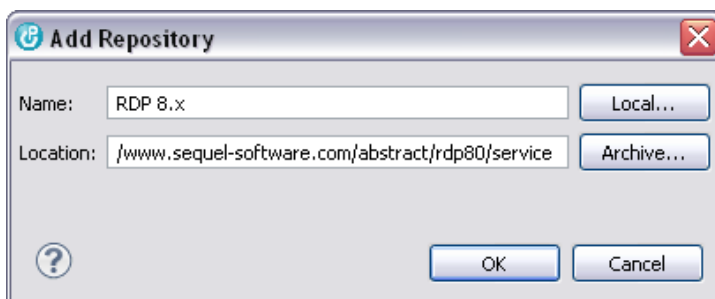
4. Check the item displayed, and press **Next** to continue (there will only be one item listed, and its value will change based on the URL selected in step 3).
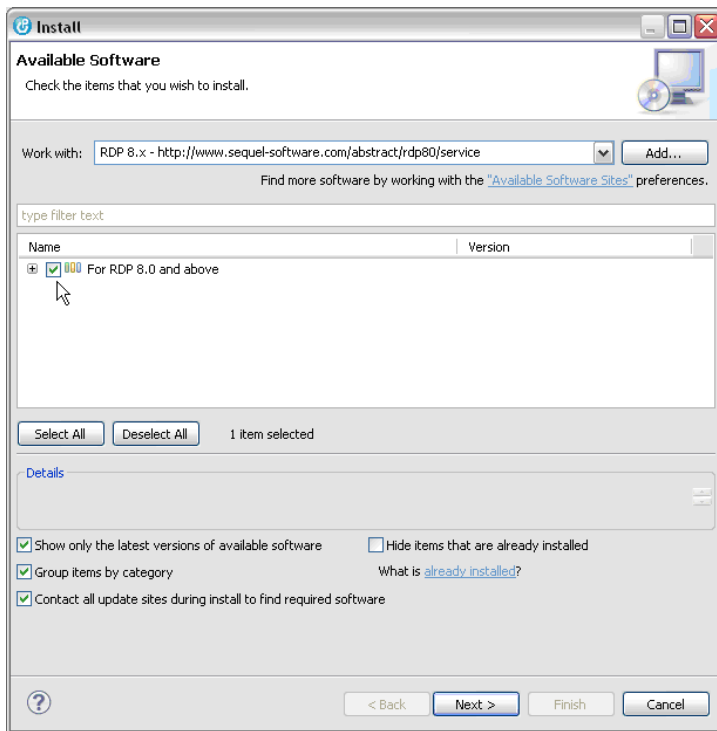
5. The next Install window displays the ABSTRACT feature. Press **Next**.
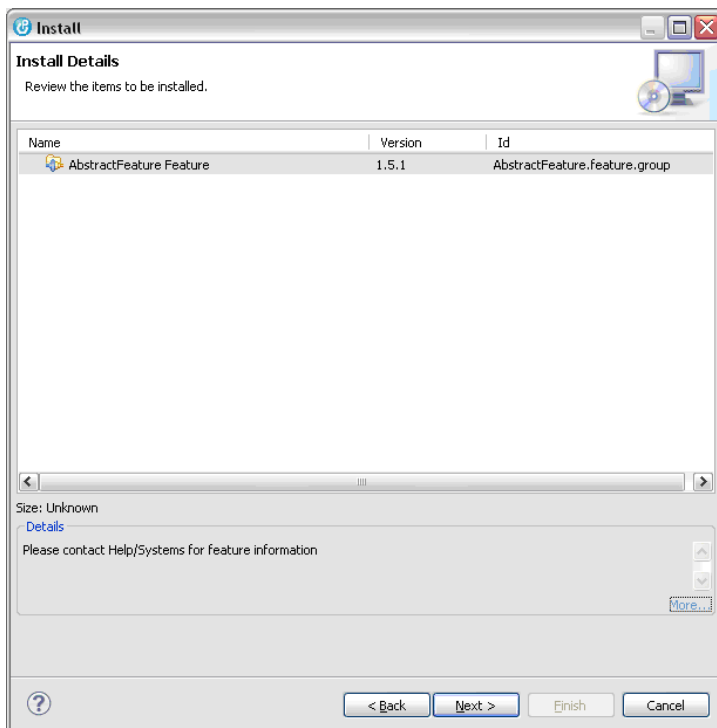
6. Check the button to accept the license agreement and press **Finish** to complete the install.

7. When prompted, press **Yes** to restart Rational Developer.

Installing ACS Windows Application Package

For Windows 10, the Abstract RDi plug-in requires IBM ACS Windows Application Package. IBM does not support the use of IBM i (System i, iSeries, Client) Access for Windows on Windows 10, and the Abstract RDi plug-in will not work with these older versions on Windows 10.

Follow the steps below to download and install IBM ACS Windows Application Package, and create connection definitions for your IBM i server(s).

> **NOTE:**
> - It is possible to install the ACS Windows Application Package without the base ACS software, but most users will need to install both, especially if 5250 connectivity (i.e. 'green screen') is required.
> - ACS Windows Application Package cannot exist along with Client Access. If installed Client Access must be removed before installing ACS.

Steps

1. Download the IBM ACS Windows Application Package (and optionally the base ACS software too) from the IBM website (https://www.ibm.com/support/pages/ibm-i-access-client-solutions).

   Contact IBM or your IBM reseller if you are having trouble finding and downloading this software.

2. Locate the file downloaded above and double-click to start the install. Follow any on-screen instructions. Remember the IBM ACS Windows Application Package is required, and the base ACS software is optional.

3. Once Installed, the next step is to define the connections to your IBM i system(s). If you installed the base ACS software skip to Step 5 below.

4. If you **did not** install the base ACS software:

   a. Start a DOS Command Window.

   b. To create a definition, run a command similar to:
      cwbcfg /r /host <<IBMiName>> /ipaddr <<198.xxx.xx.xxx>> /uid <<MyUserProfile>>
      where:
      <<IBMiName>> is the name of your IBM i host machine.
      <<198.xxx.xx.xxx>> is the IP address of your IBM i host machine.
      <<MyUserProfile>> is your IBM i user name.

5. If you **did** install the base ACS software, start ACS, and in the Management panel, click on **System Configurations**, or select **Actions\Management\System Configurations** from the menu.

a. Click **New** to add a new system. This part works much like Client Access.
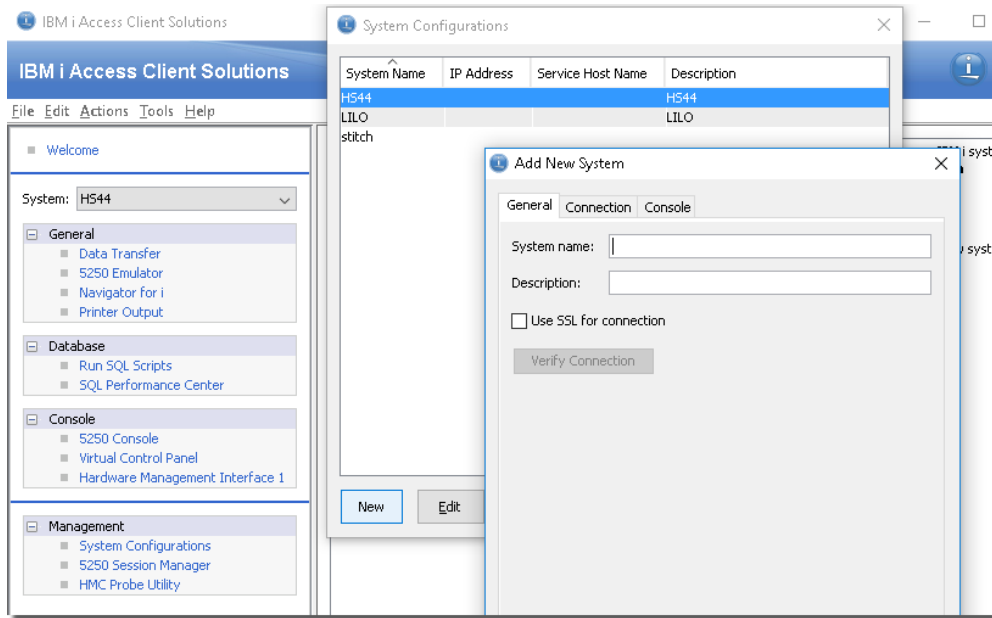
b. Once your systems are defined, close the System Configurations dialog, and select **File\Copy Connections** from the menu.
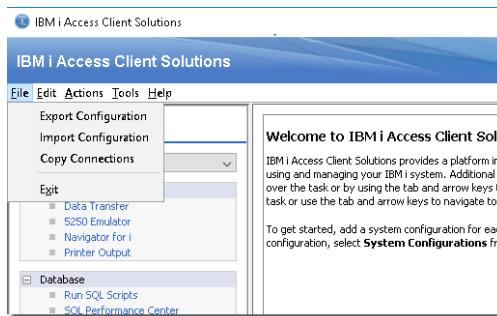
c. In the Copy Connections dialog, you can copy host information from ACS to the Windows Application Package and vice versa. You can also use this panel to remove unwanted connections from either.
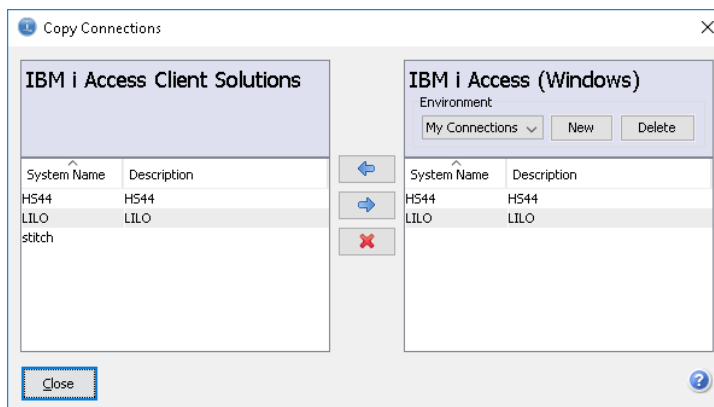
d. Close this dialog when finished.

After You Are Done

The installation process installed the following objects:

- The ABSTRACT product library
- The ASCSUPPORT customer support library (where applicable)
- An ABSTRACT and ESEND command in QUSRSYS
- Additional files are installed in the folders \sequel, \esend, \helpsystems and \rio.
- Three libraries were restored to your system for use during the installation or update process: HSLOADMGR, HSLOADMGRW, and RBTCDRLIB. We don't remove them from your system in case you're doing multiple installations. You can delete them when you're finished.

> **NOTE:**
> You can move the library HSLOADMGR to a different system on the IBM i and use it to complete additional installs or updates. For more information, see Using the Fortra Product Loader on our website.

For complete information on using Abstract, see the *Abstract User Guide*.