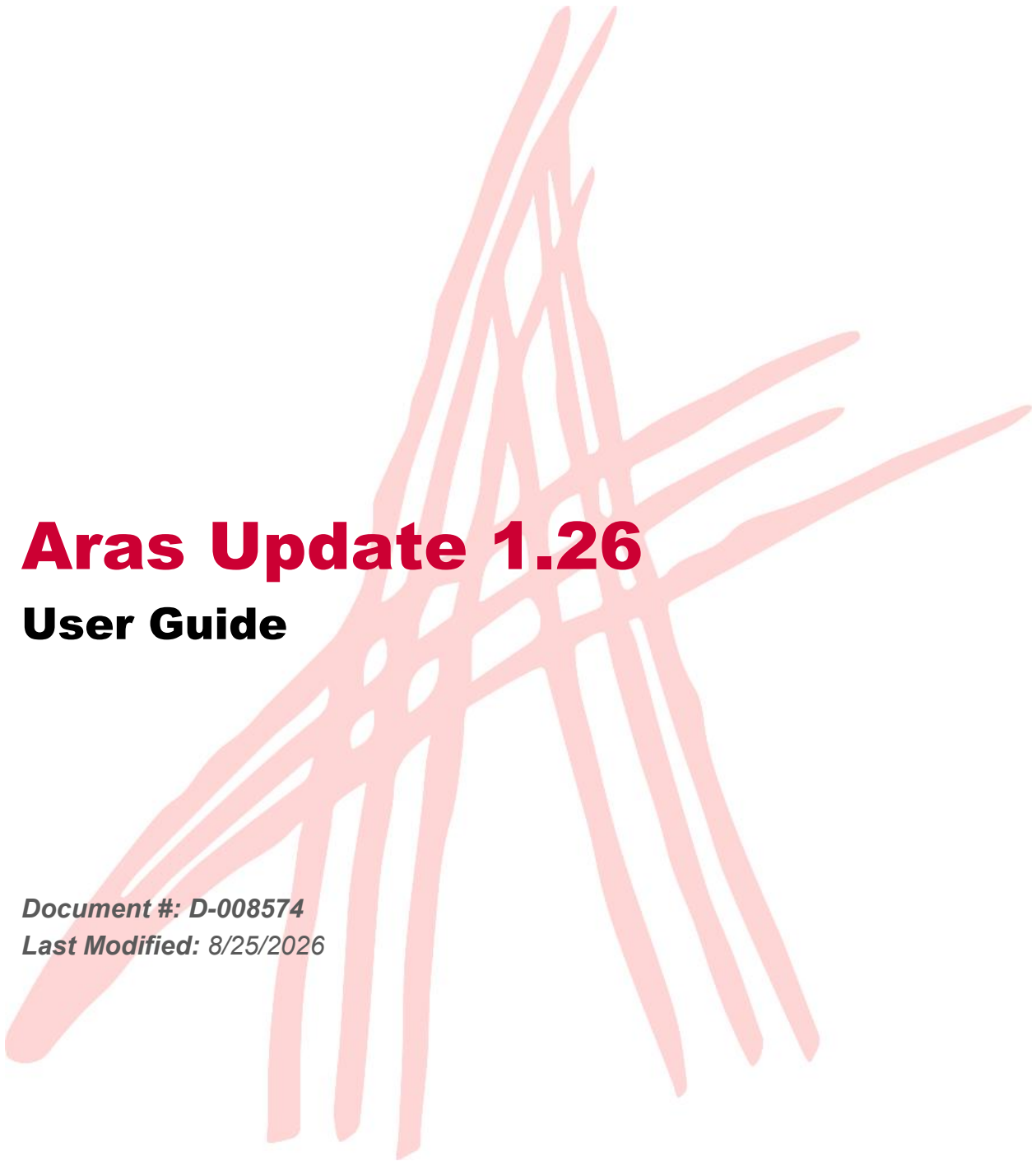




Aras Update 1.26

User Guide

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Table of Contents

- 1 Overview 4
- 2 Online Packages..... 4
 - 2.1 Notification and Backup 4
 - 2.2 Applying the Solution 5
- 3 Patch Delivery..... 11
 - 3.1 Connecting to Your Innovator 11
 - 3.2 Viewing and Downloading Software Updates 13
 - 3.3 Installing a Downloaded Update 15
- 4 Local Packages 16
 - 4.1 Notification and Backup 16
 - 4.2 Applying the Solution 17



1 Overview

This document provides detailed instructions for using Aras Update. The steps outlined in this guide are for administrators installing Aras Innovator, Hotfixes, Aras Applications and Connectors.

2 Online Packages

2.1 Notification and Backup

Aras recommends backing up the code tree and database before installing a solution. For example, here is a sample procedure for creating a restore point:

1. Notify users that the system will be down at a scheduled time, and that they should log out of the system prior to the start of the process.

It is best to give at least a 24-hour notice, as well as a reminder 15 minutes prior to taking the system off-line.

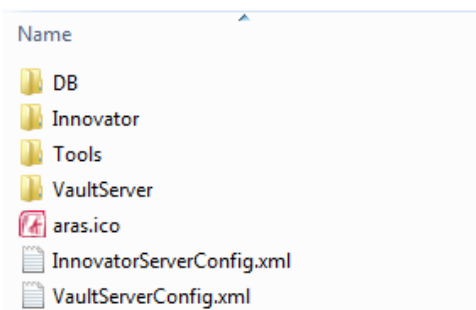
2. Back up the code tree:

The 'Code Tree' refers to files and folders installed to the disk when Aras Innovator was first installed.

The default path for the Code Tree installation would be something similar to:

`C:\Program Files(x86)\Aras\Innovator`

With the following contents:



You can confirm the installation folder with the following steps:

- a. From the Start Menu, select **Start → Setting → Control Panel**.
- b. From the Control Panel, select **Programs and Features**.
- c. Search for the Aras Innovator entry.

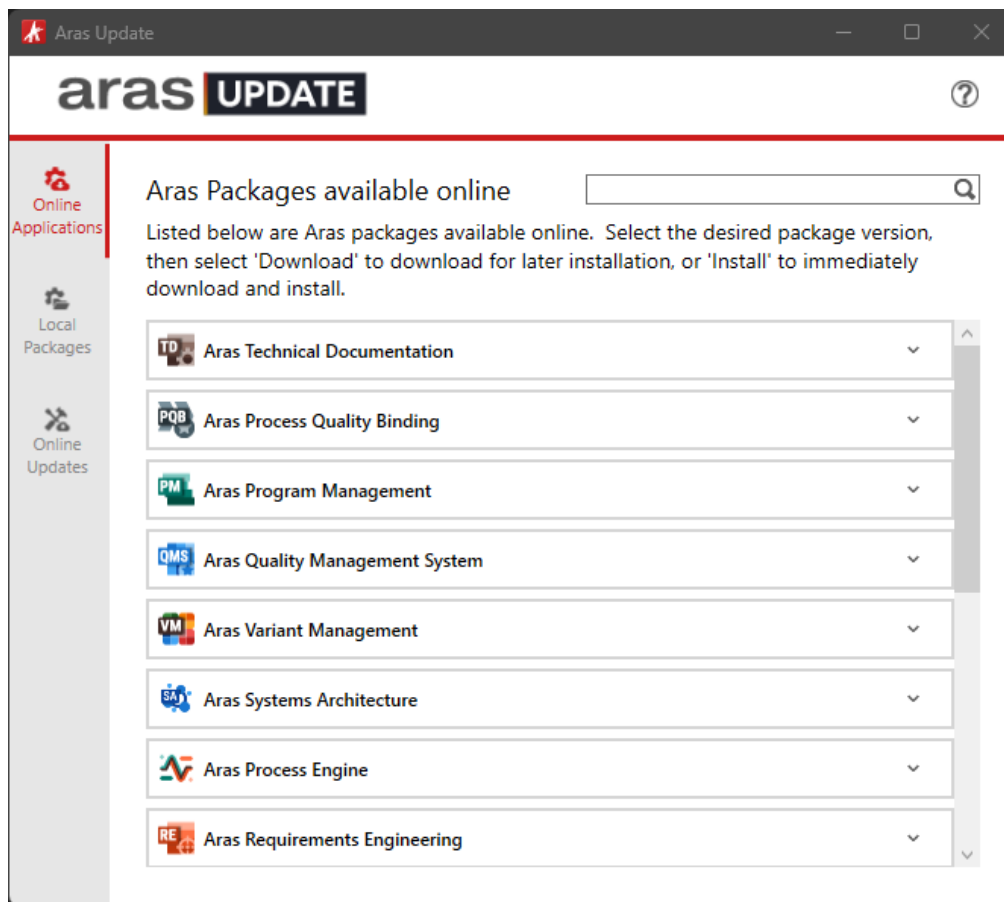
The entry should display the physical installation path.

Once you have determined where the code tree is installed, backup the folder and all its contents.

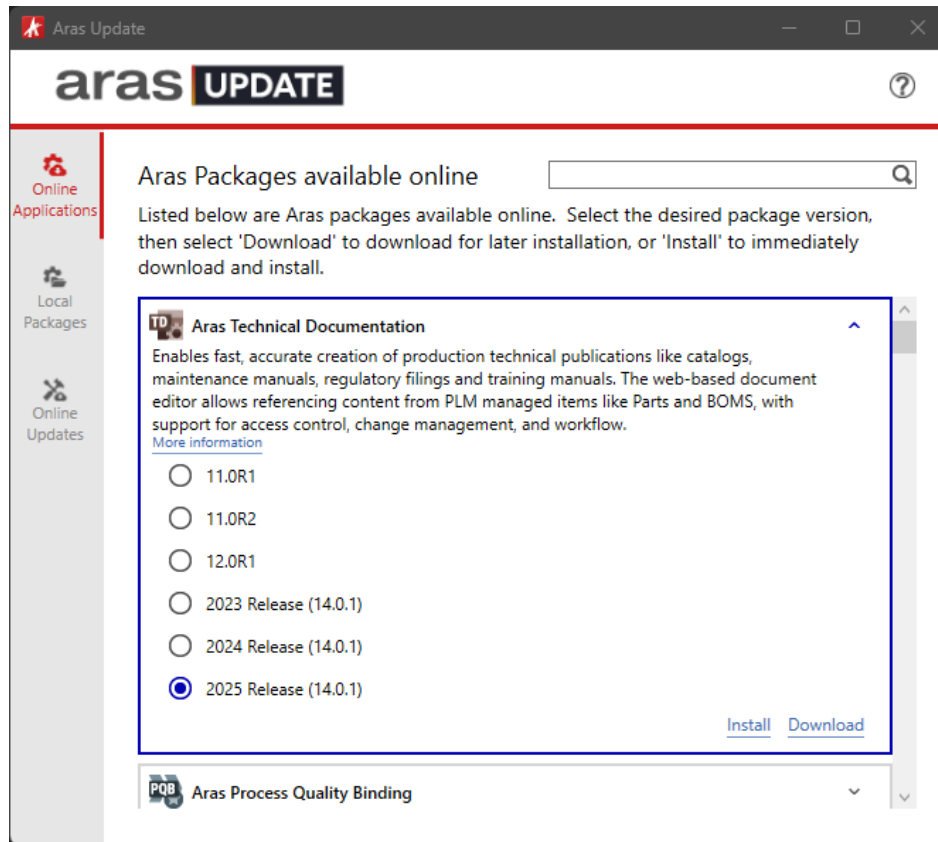
3. Disconnect all users from the database.
4. The easiest way to prevent client sessions from committing any further changes to the database is to change the database connection string in the InnovatorServerConfig.xml from "<DB-Connection..." to "<xDB-Connection" and restart the w3svc service (IIS). This expires all sessions and prevents all new connections to the Aras Innovator database through the existing instance.
5. Backup the database.
6. Place this file in a safe location, as it is necessary to restore it if the upgrade fails.
7. Enable database connections.
8. After your database backup has completed, you can enable the database connection string in the InnovatorServerConfig.xml by simply changing it from "<xDB-Connection..." to "<DB-Connection" and restarting the w3svc service (IIS).

2.2 Applying the Solution

Aras Update provides access to Aras Update packages for Innovator that can be downloaded and installed via Internet. To view these packages, launch Aras Update; no log in required. Click the "Online Applications" button.



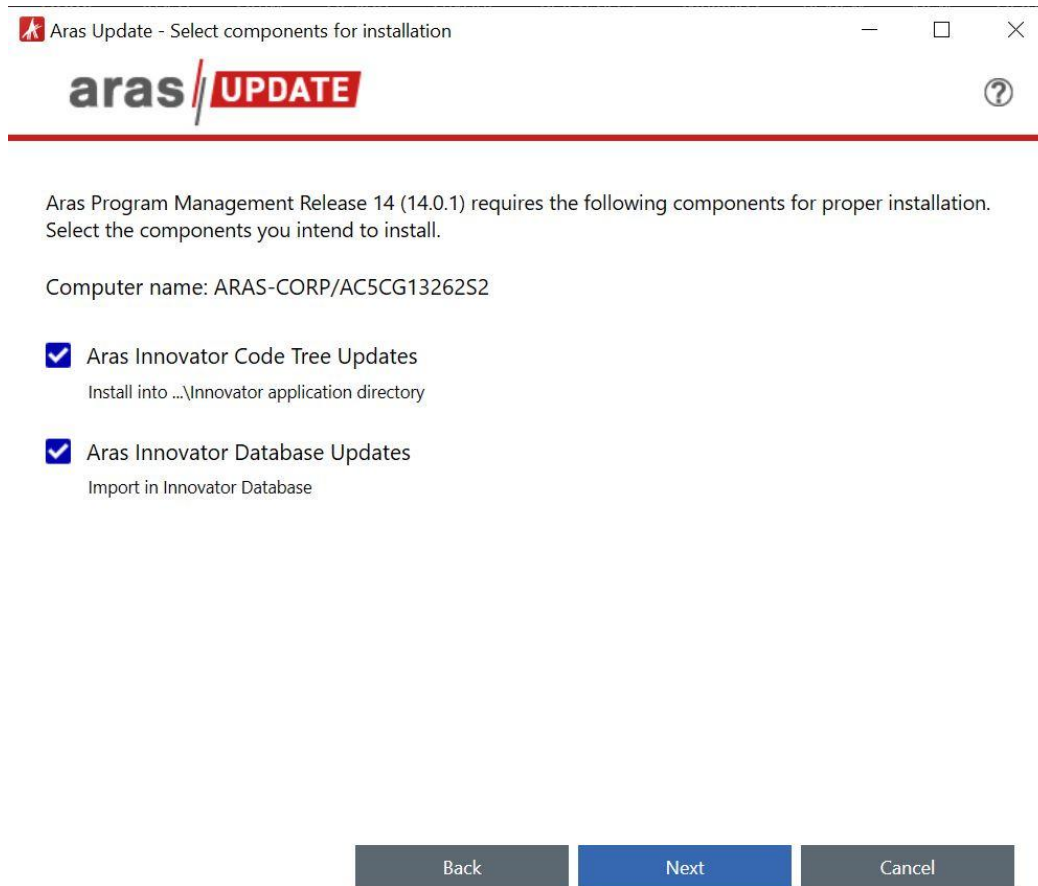
Expanding an Aras Update package displays the description of the package and the “More information” link for the package (as appropriate).



When an Aras Update package has multiple versions available, each version will be displayed. Clicking the “Download” link will download the Aras Update package locally. Click the “Local Packages” button to view it.

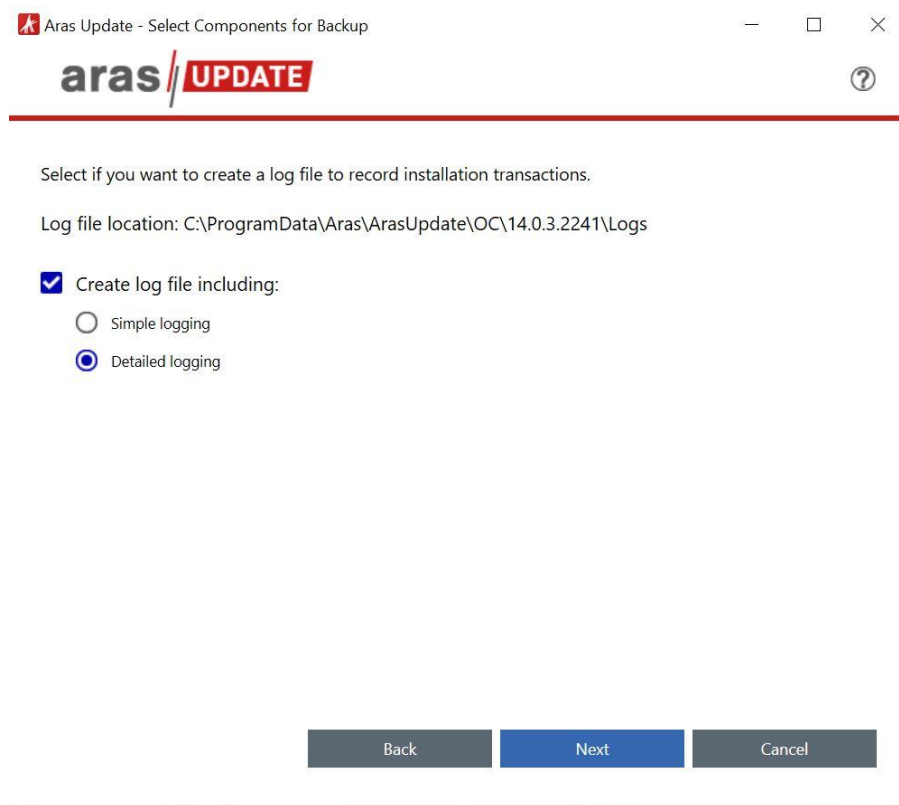
Aras Update packages are downloaded to: *C:\ProgramData\Aras\ArasUpdate\[Package Name]*. Each package has a Documentation folder with installation, user, and administration documentation, respectively. To view the documentation, navigate to: *C:\ProgramData\Aras\ArasUpdate\[Package Name]\[Version]\Documentation*.

Clicking the “Install” link, will download, and launch the installation wizard for the respective Aras Update package. For example:



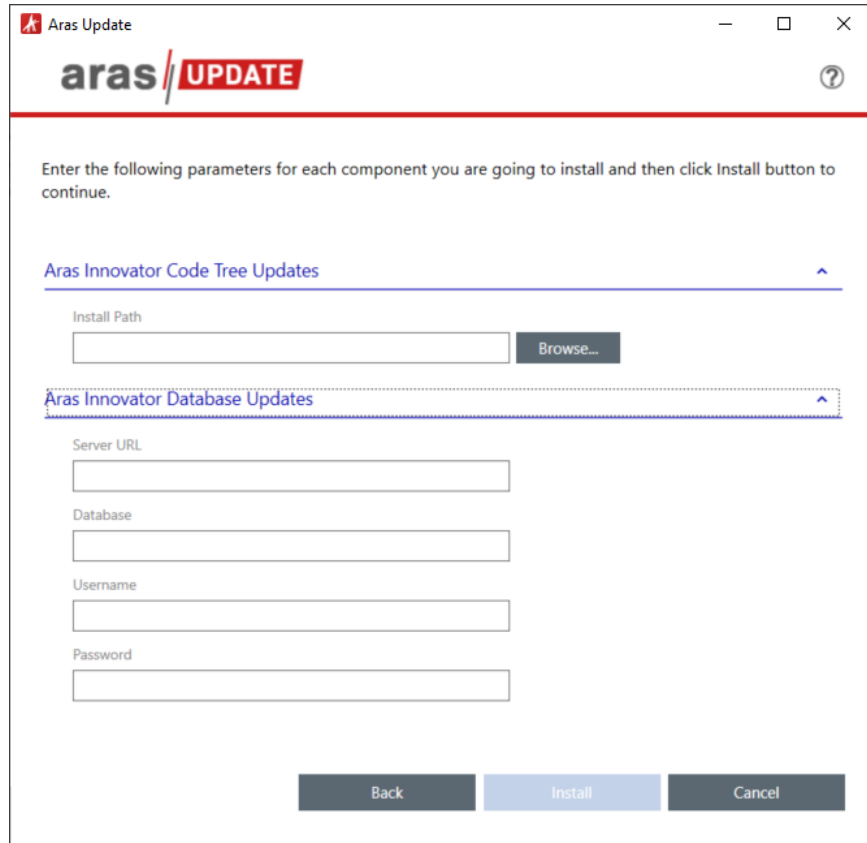
Select the options or components for the package you are installing and then click the “Next” button to proceed with package installation.

Your package may prompt you to select the level of logging. For example:



Select "Simple logging" or "Detailed logging" and click the "Next" button.

Your package may prompt you for the Innovator code tree and database information. For example:



The screenshot shows the 'Aras Update' application window. At the top, there is a title bar with the text 'Aras Update' and standard window controls. Below the title bar is a header area with the 'aras / UPDATE' logo and a help icon. The main content area contains instructions: 'Enter the following parameters for each component you are going to install and then click Install button to continue.' There are two expandable sections. The first section, 'Aras Innovator Code Tree Updates', is expanded and shows an 'Install Path' label, a text input field, and a 'Browse...' button. The second section, 'Aras Innovator Database Updates', is also expanded and shows four labels with corresponding text input fields: 'Server URL', 'Database', 'Username', and 'Password'. At the bottom of the window, there are three buttons: 'Back', 'Install', and 'Cancel'.

Aras Update

aras / UPDATE

Enter the following parameters for each component you are going to install and then click Install button to continue.

Aras Innovator Code Tree Updates

Install Path

Browse...

Aras Innovator Database Updates

Server URL

Database

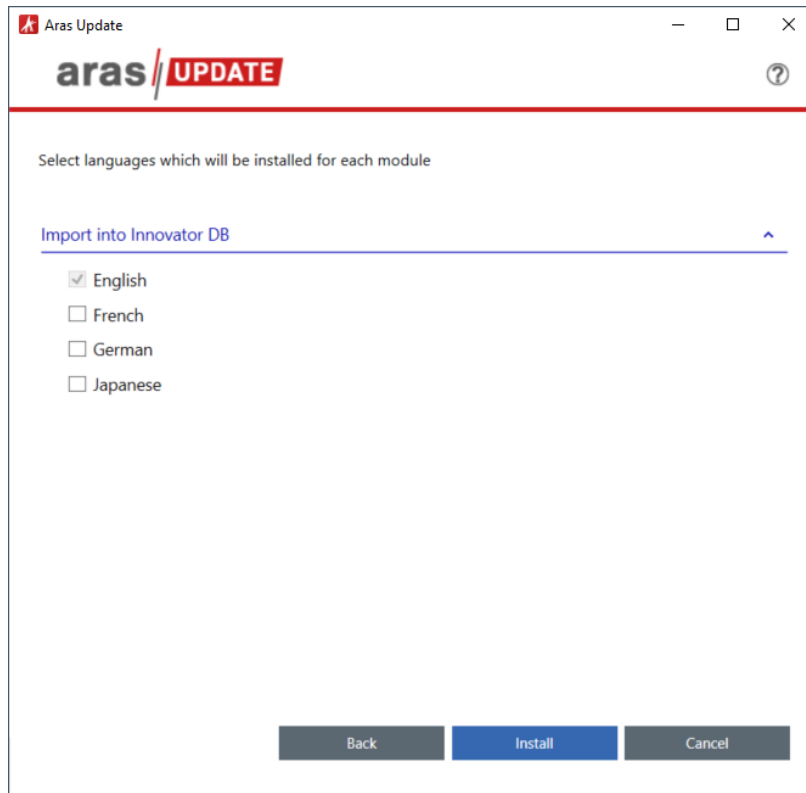
Username

Password

Back Install Cancel

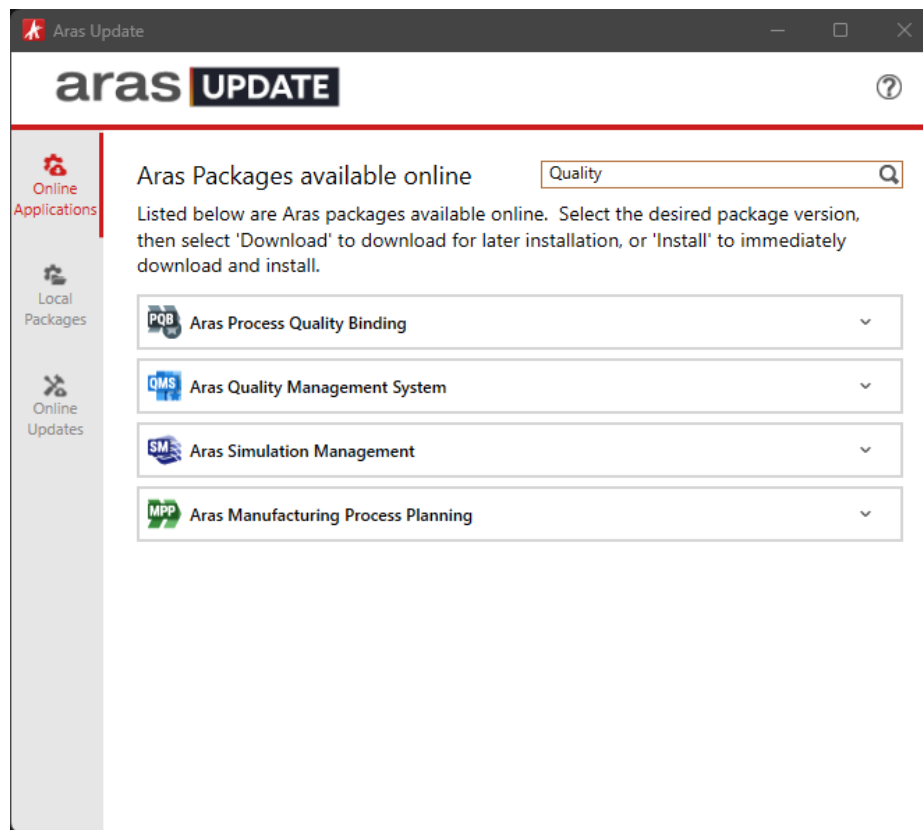
Browse to the “Innovator” folder for the “Install Path” field. Enter the HTTP address of your Innovator installation for “Server URL”. Enter the name of your database for “Database”. Enter “root” for “Username” (imports must happened without any constraints). Enter the “root” user’s password in the “Password” field. Click the “Install” button.

If the installation package includes language packs, you may be prompted to select which language packs you would like to install.



Note: English is always selected as the default. Other language options can be selected by the user assuming the language is already defined in the database.

The search function will search all online Aras Update packages and return the best matching results.



3 Patch Delivery

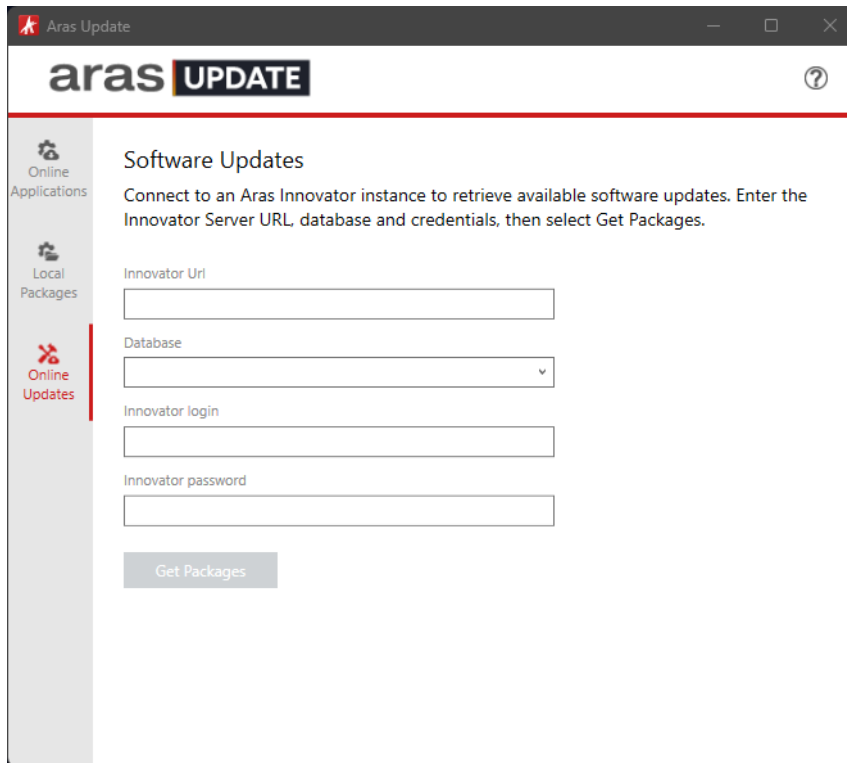
Aras Update has an interface for viewing, downloading, and installing patches/hot fixes tied to your Innovator version, so you no longer have to search an FTP site to find them.

Before installing any patch, follow the notification and backup procedure described under Online Packages to create a restore point.

3.1 Connecting to Your Innovator

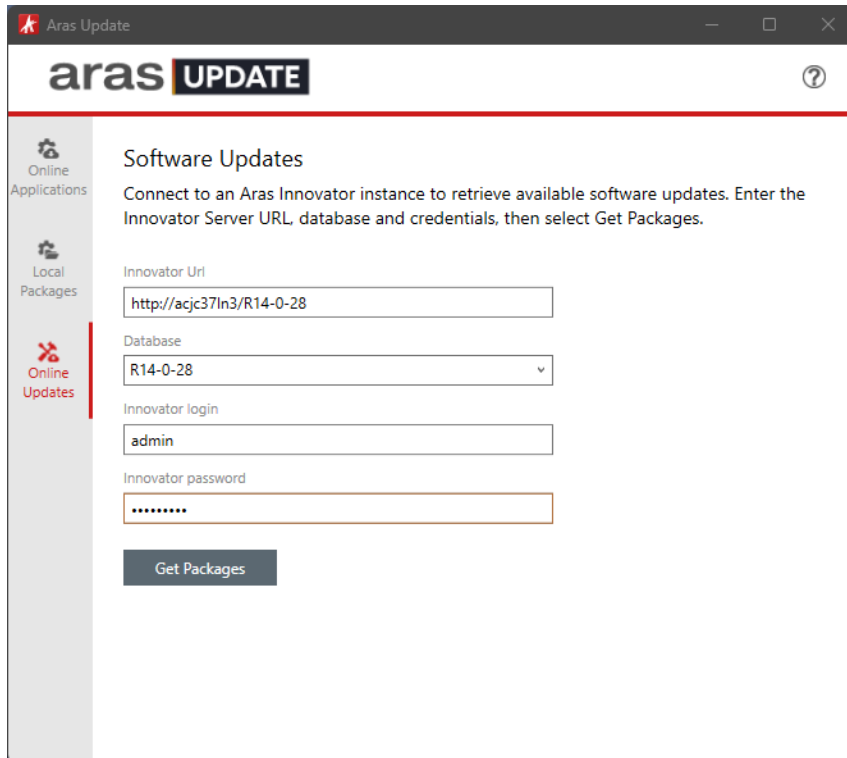
Software updates are retrieved for a specific Aras Innovator instance, so you connect to that instance directly from Aras Update before any updates are shown.

1. Launch Aras Update and click the “Online Updates” button.



The screenshot shows the 'Aras Update' application window. The title bar says 'Aras Update'. The main header has the 'aras UPDATE' logo. On the left is a sidebar with three options: 'Online Applications' (selected), 'Local Packages', and 'Online Updates'. The main content area is titled 'Software Updates' and contains the instruction: 'Connect to an Aras Innovator instance to retrieve available software updates. Enter the Innovator Server URL, database and credentials, then select Get Packages.' Below this are four input fields: 'Innovator Uri' (text), 'Database' (dropdown), 'Innovator login' (text), and 'Innovator password' (text). At the bottom is a 'Get Packages' button.

2. Enter the Innovator URL and select the Database from the list.
3. Enter your Innovator login and password.



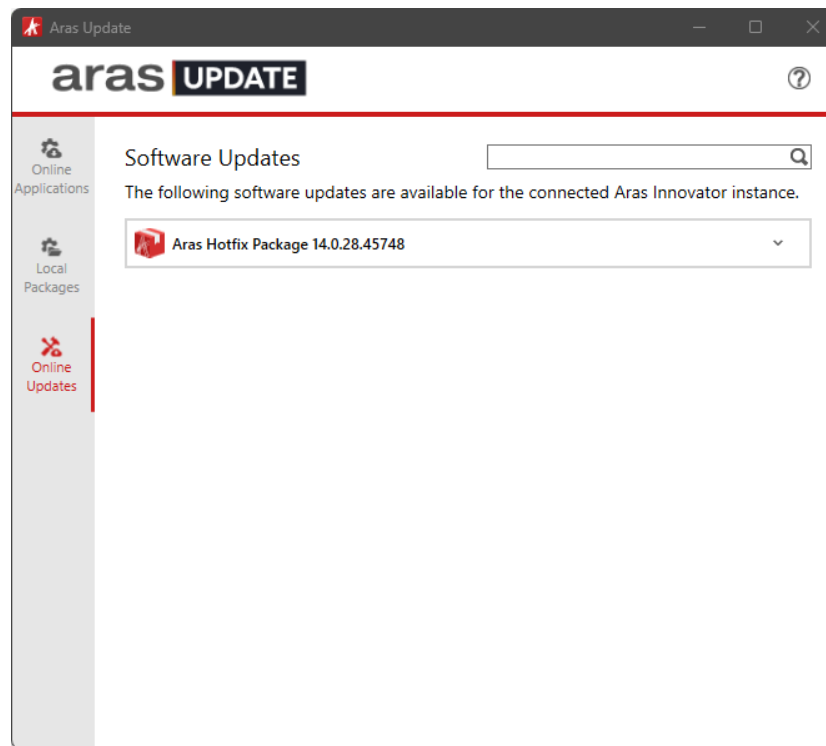
This screenshot shows the same 'Aras Update' application window, but with the input fields filled. The 'Innovator Uri' field contains 'http://acjc37ln3/R14-0-28'. The 'Database' dropdown menu is open, showing 'R14-0-28' selected. The 'Innovator login' field contains 'admin'. The 'Innovator password' field contains eight dots. The 'Get Packages' button is now highlighted in a darker grey.

4. Click “Get Packages.” This button is disabled until all four fields are filled in.

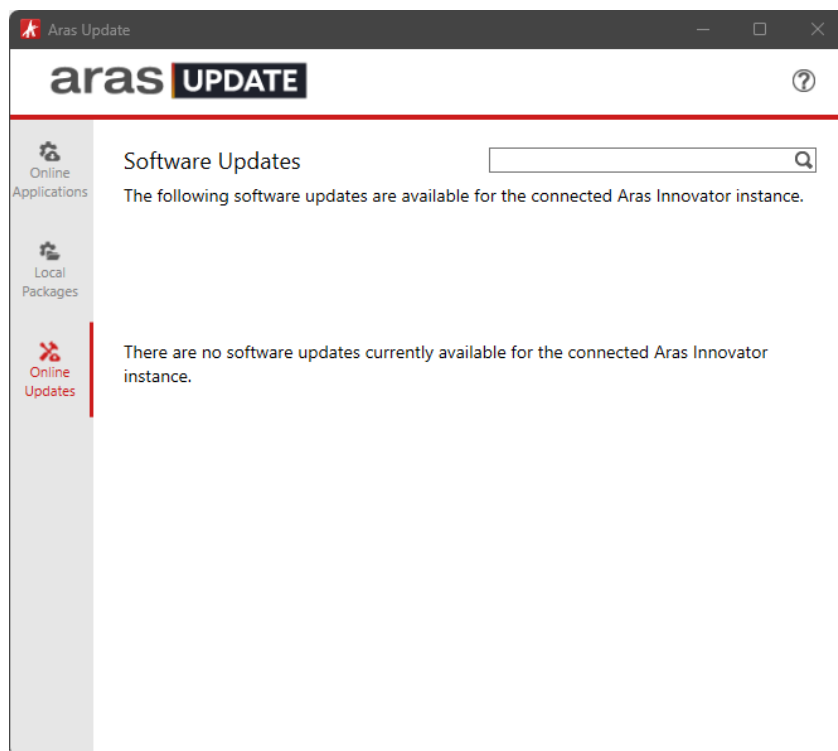
Aras Update connects using these credentials and reads the version of the connected Innovator instance directly, so the updates it returns already match that specific release. If the connection details are incorrect, or the instance cannot be reached, no updates are shown; confirm the URL, database, and credentials and try again.

3.2 Viewing and Downloading Software Updates

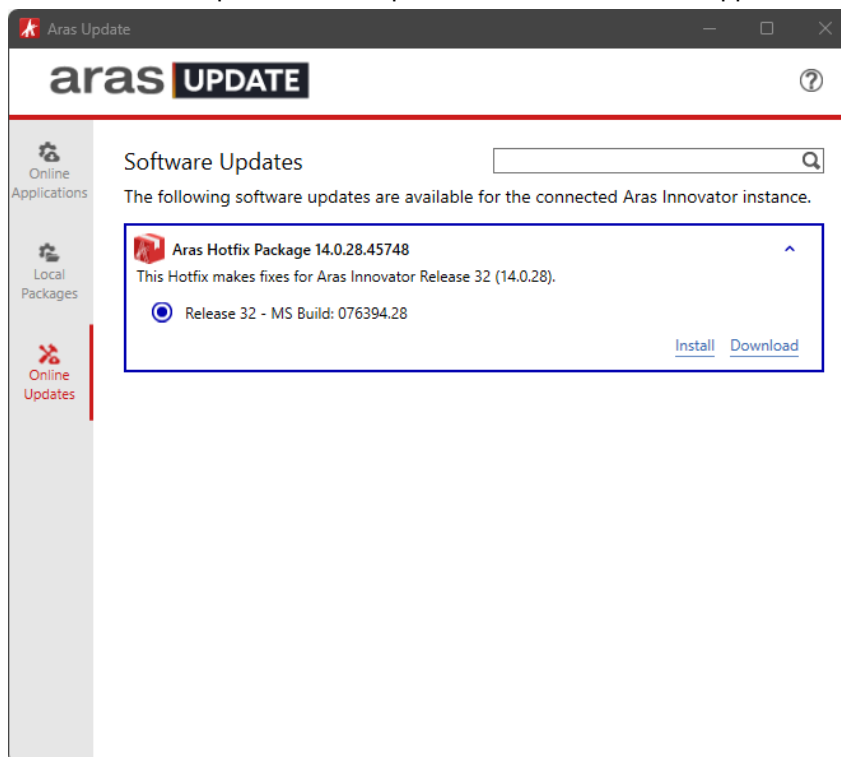
Once connected, the Software Updates screen lists the patches and hot fixes available for that Innovator instance. Only updates that apply to the connected release are shown, so you do not need to match a build to your installation manually.



If no updates apply to the connected instance, Aras Update tells you so directly.



Expand an update to see its description and the specific release and build it applies to.



Select the version you want and click “Download” to download it for later installation, or “Install” to download and install it immediately. A downloaded update becomes available on the Local Packages tab. Downloading requires an internet connection.

3.3 Installing a Downloaded Update

A downloaded update is installed the same way as any other local package. Because it is already on disk, the install step does not require internet access and communicates only with the target Innovator instance. This means an update can be downloaded on a connected machine and then installed on an offline (air-gapped) machine.

1. Click the “Local Packages” button to view downloaded packages.
2. Locate the downloaded update and click the “Install” link to launch the installation wizard.
3. Follow the wizard prompts, providing the Innovator code tree and database information as described under Online Packages, and complete the installation.

When the installation finishes, Aras Update reports the outcome (success or failure), together with the package name and version, and the connected Innovator instance’s release information, back to Aras. No manual confirmation is required.

4 Local Packages

4.1 Notification and Backup

Aras recommends backing up the code tree and database before installing a solution. For example, here is a sample procedure for creating a restore point:

1. Notify users that the system will be down at a scheduled time, and that they should log out of the system prior to the start of the process.

It is best to give at least a 24-hour notice, as well as a reminder 15 minutes prior to taking the system off-line.

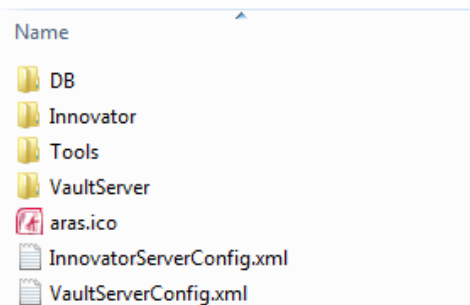
Back up the code tree:

The 'Code Tree' refers to files and folders installed on the disk when Aras Innovator was first installed.

The default path for the Code Tree installation would be something similar to:

`C:\Program Files(x86)\Aras\Innovator`

With the following contents:



You can confirm the installation folder with the following steps:

- a. From the Start Menu, select **Start → Setting → Control Panel**.
- b. From the Control Panel, select **Programs and Features**.
- c. Search for the Aras Innovator entry.

Note: The entry should display the physical installation path.

Once you have determined where the code tree is installed, backup the folder and all its contents.

2. Disconnect all users from the database.

The easiest way to prevent client sessions from committing any further changes to the database is to change the database connection string in the InnovatorServerConfig.xml from "<DB-Connection..." to "<xDB-Connection" and restart the w3svc service (IIS). This expires all sessions and prevents all new connections to the Aras Innovator database through the existing instance.

3. Backup the database.

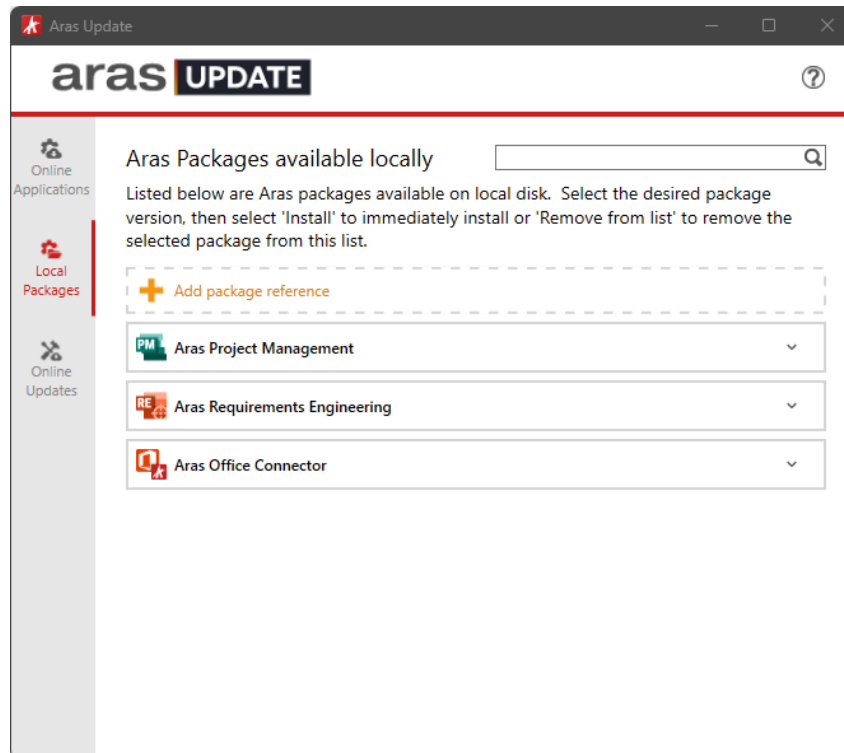
Place this file in a safe location, as it is necessary to restore it if the upgrade fails.

4. Enable database connections

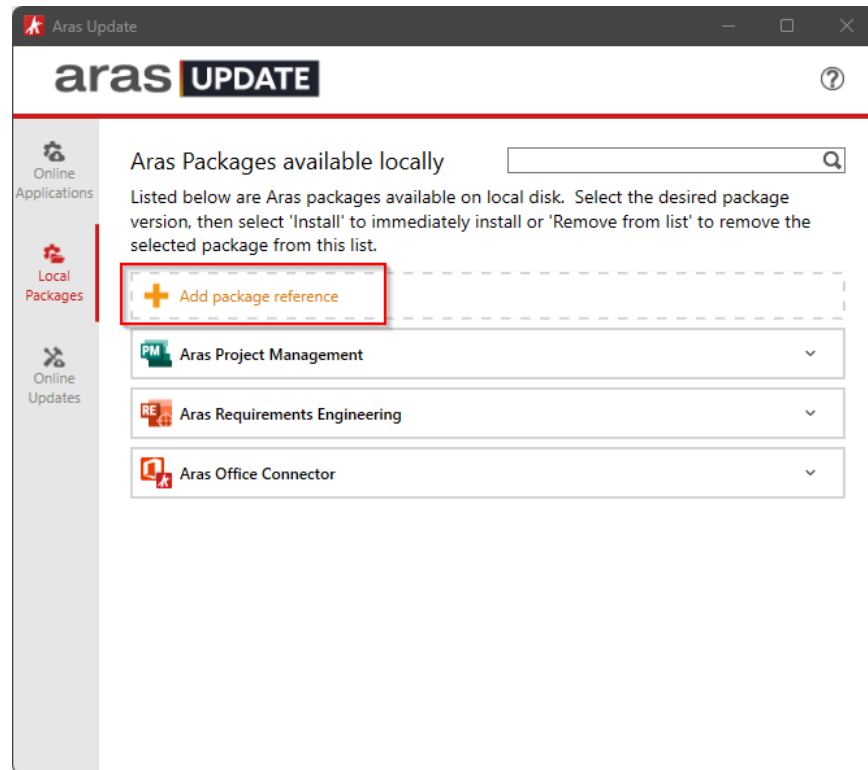
After your database backup has completed, you can enable the database connection string in the InnovatorServerConfig.xml by simply changing it from “<xDB-Connection...” to <DB-Connection” and restarting the w3svc service (IIS).

4.2 Applying the Solution

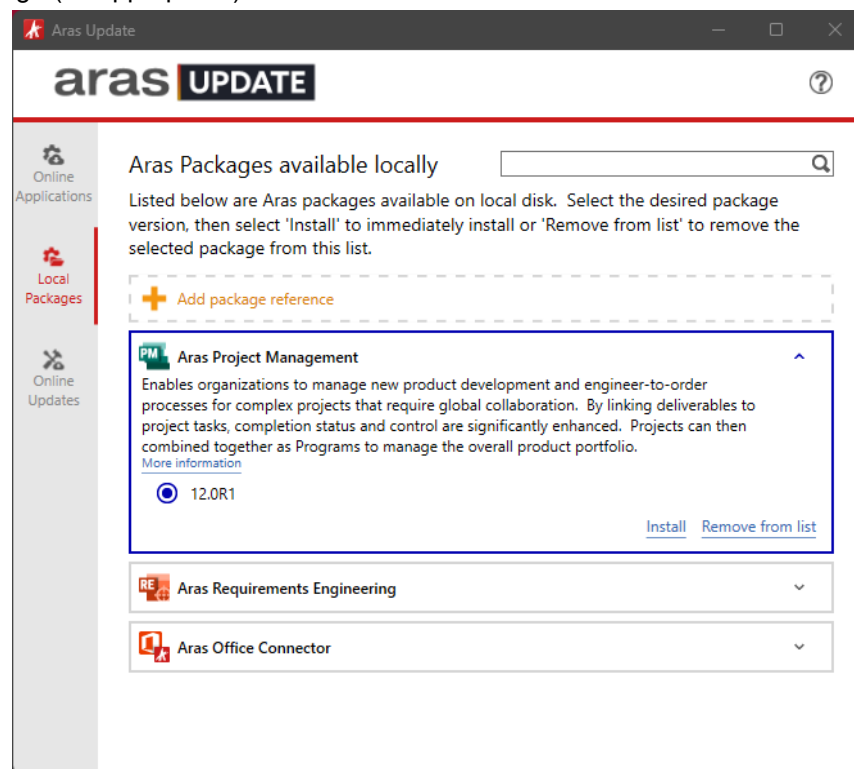
Aras Update provides Innovator administrator the ability to add Aras Update packages that are not available online or that cannot be downloaded via Internet. Click the “Local Packages” button. The downloaded and the added Aras Update packages are displayed.



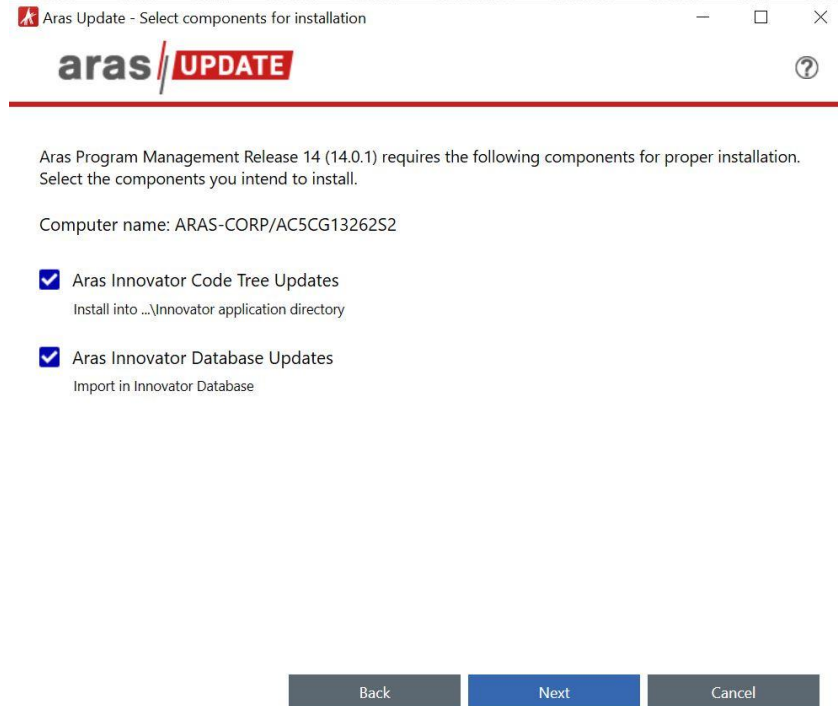
Click the “+ Add package reference” button to add an Aras Update package. Select the directory with the Aras Update package. Click the “OK” button.



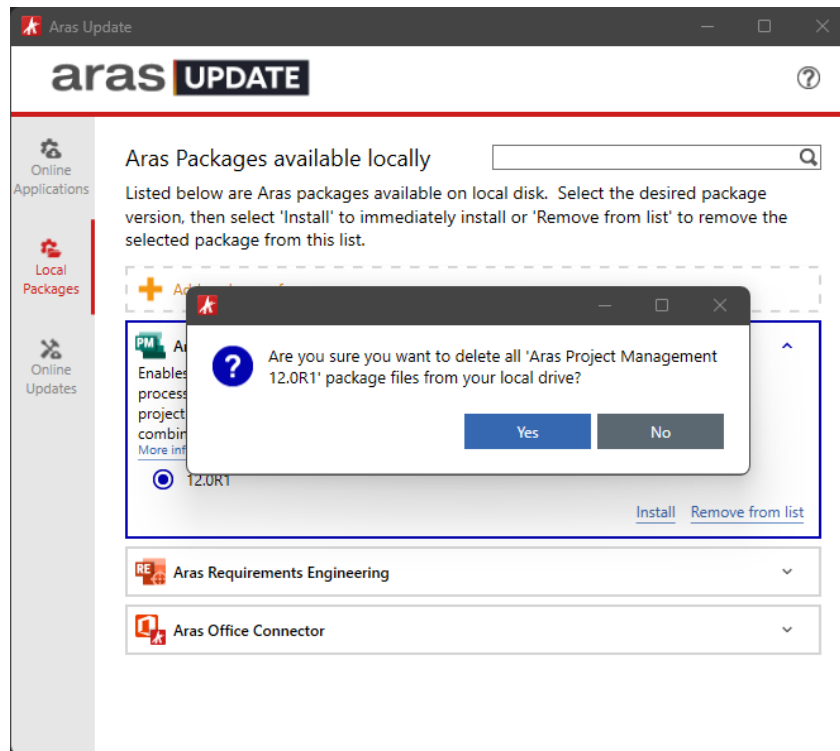
Expanding an Aras Update package displays the description of the package and the “More information” link for the package (as appropriate).



When an Aras Update package has multiple versions available, each version will be displayed. Clicking the “Install” link, will launch the installation wizard for the respective Aras Update package. For example:



Clicking the “Remove from list” link will remove the local Aras Update package. For example:



The search function will search all local Aras Update packages and return the best matching results.

