

# **Aras Update 1.2**

## **User Guide**

*Document #: 11.012015011901*

*Last Modified: 10/28/2016*



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# Document Conventions

The following table highlights the document conventions used in the document:

Table 1: Document Conventions

Convention	Description
<b>Bold</b>	This shows the names of menu items, dialog boxes, dialog box elements, and commands. Example: Click <b>OK</b> .
Code	Code examples appear in <code>courier</code> text. It may represent text you type or data you read.
<b>Yellow highlight</b>	Code with yellow highlight is used to draw attention to the code that is being indicated in the content.
<b>Yellow highlight with red text</b>	Red color text with yellow highlight is used to indicate the code parameter that needs to be changed or replaced.
<i>Italics</i>	Reference to other documents.
<b>Note:</b>	Notes contain additional useful information.
<b>Warning</b>	Warning contains important information. Pay special attention to information highlighted this way.
Successive menu choices	Successive menu choices may appear with a greater than sign (-->) between the items that you will select consecutively. Example: Navigate to <b>File --&gt; Save --&gt; OK</b> .

# 1 Overview

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This document provides detailed instruction for using Aras Update. The steps detailed in this document are intended to allow a novice administrator to use Aras Update. However, more general knowledge of system administration, network deployment, and Aras Innovator administration is recommended.

## 2 Online Packages

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### 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:

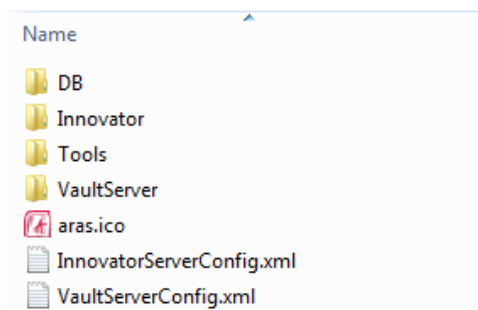


Figure 1.

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 of its contents.

3. 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.

4. Backup the database.

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

5. 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).

## 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 package, launch Aras Update; no log in required. Click the “Online” button.

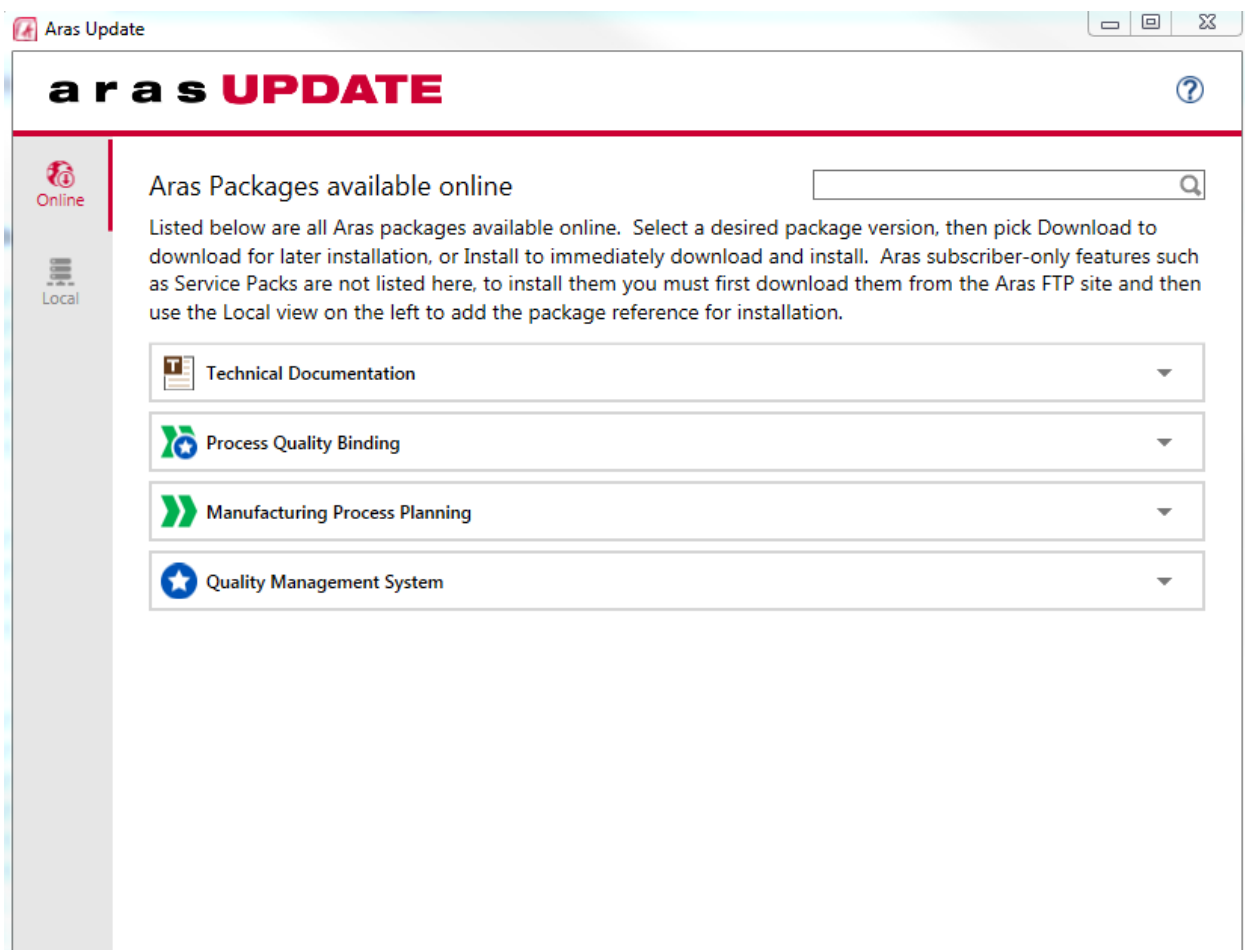


Figure 2.



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

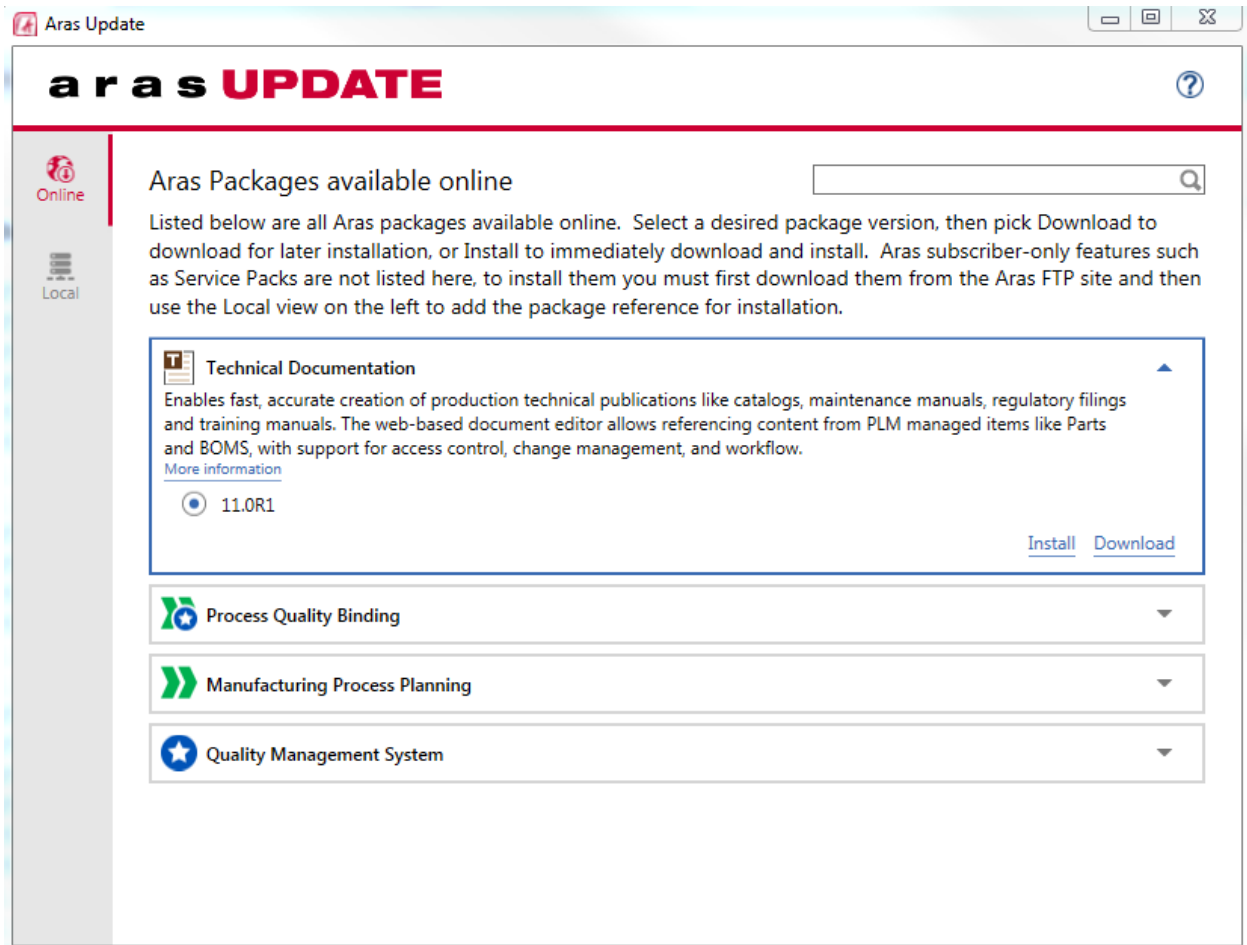


Figure 3.

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” 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:

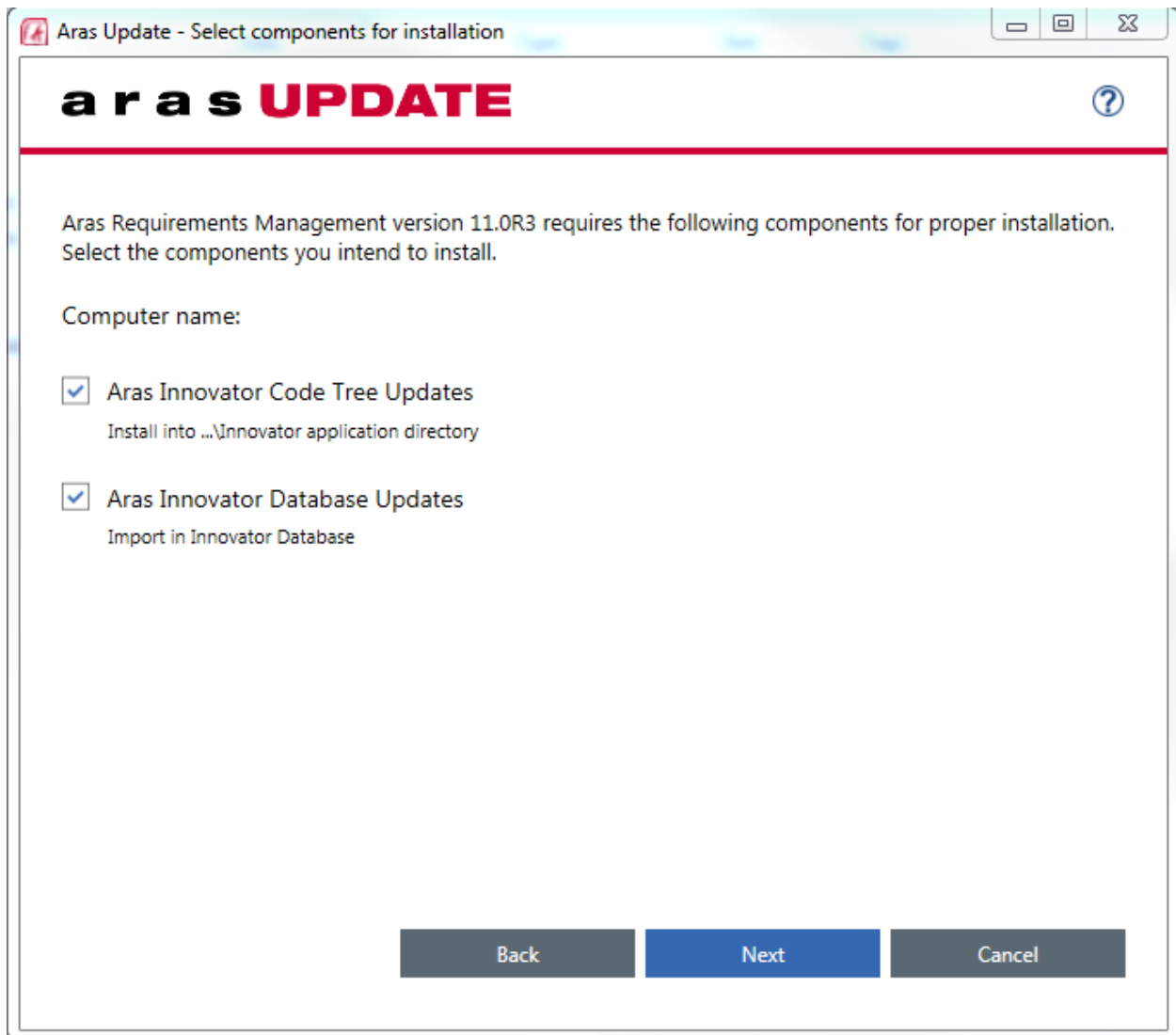


Figure 3

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

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

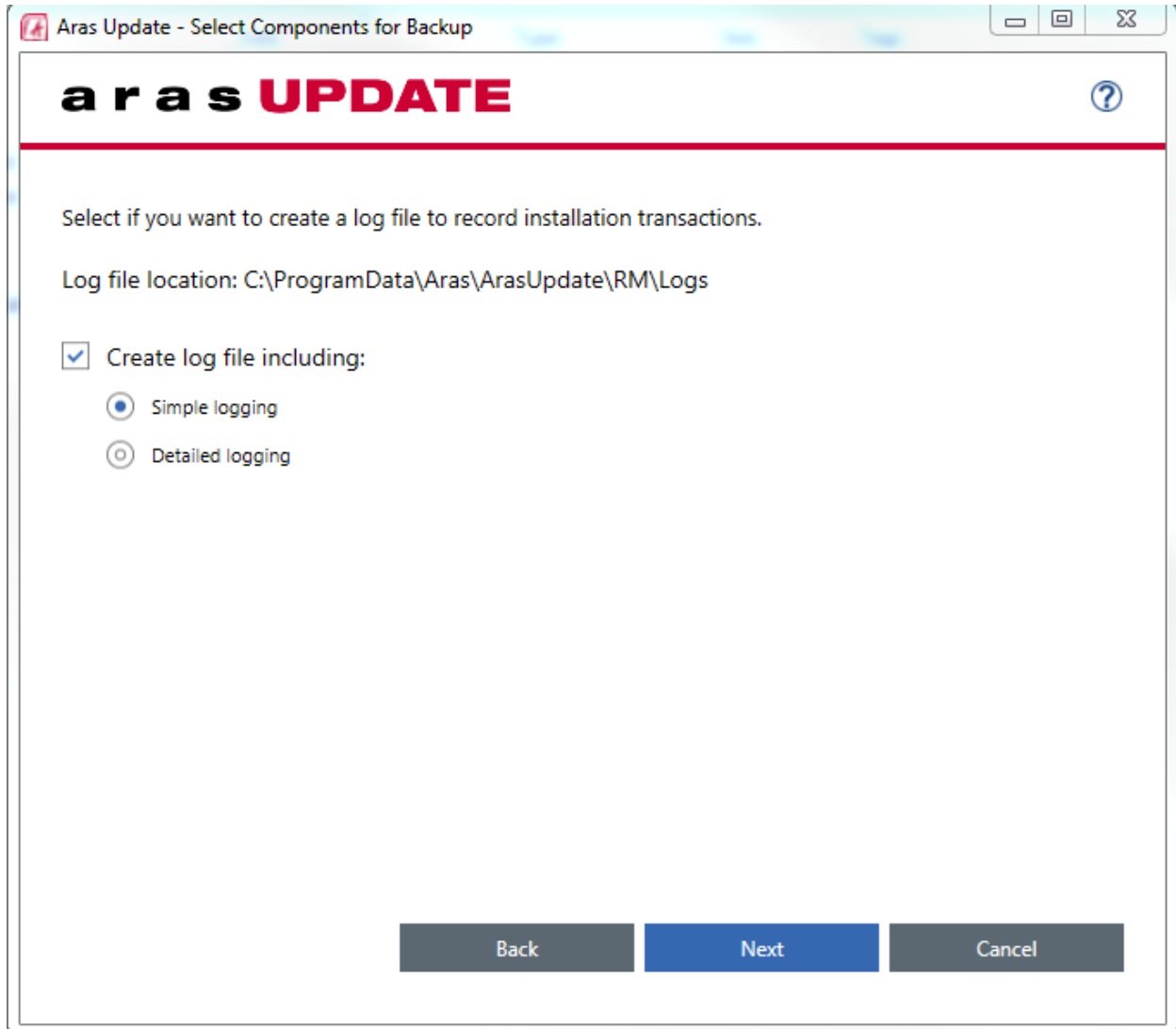
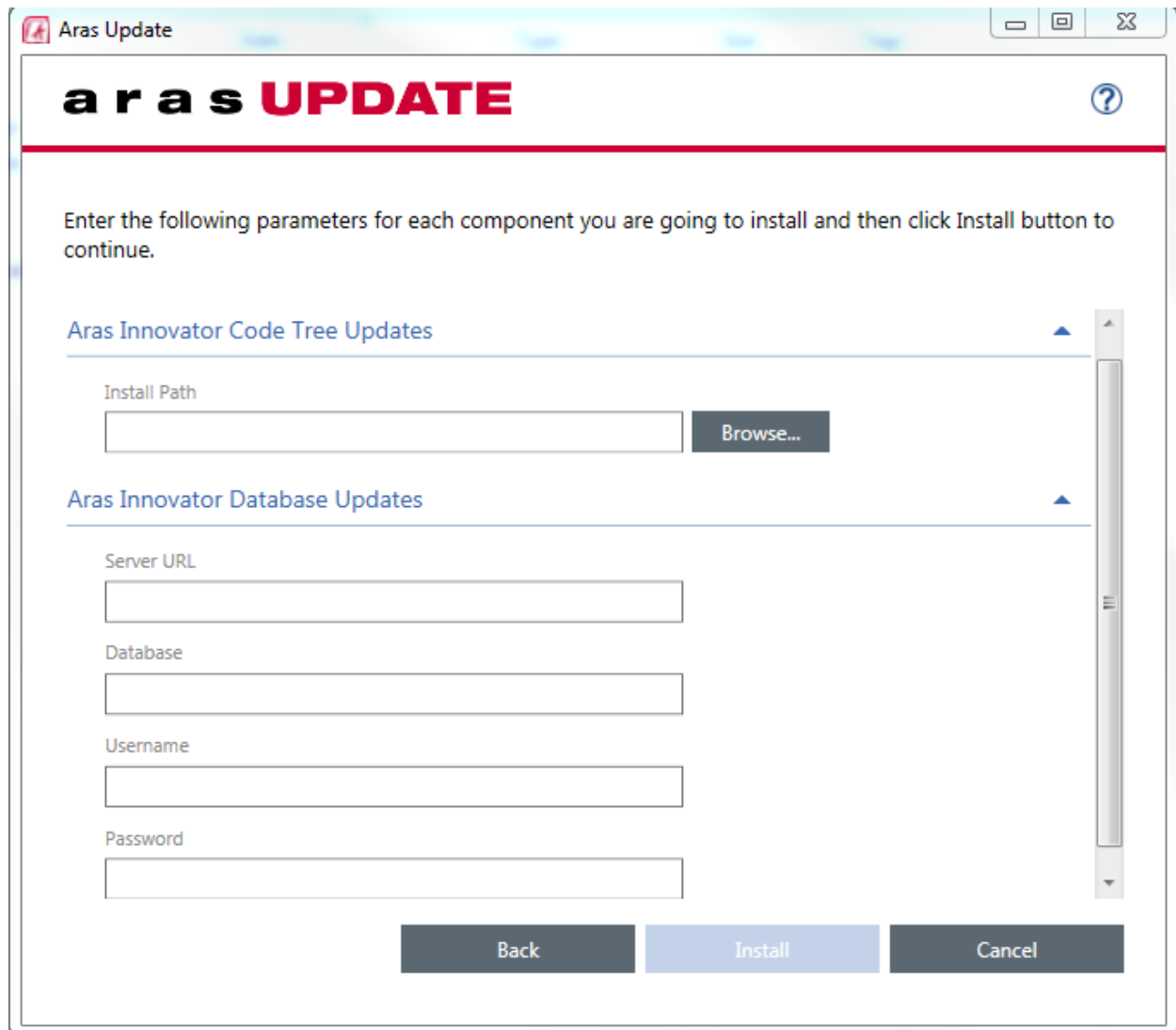


Figure 4

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

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



The screenshot shows a window titled "Aras Update" with a red header bar containing the "aras UPDATE" logo and a help icon. Below the header, there is a text prompt: "Enter the following parameters for each component you are going to install and then click Install button to continue." The form is divided into two sections: "Aras Innovator Code Tree Updates" and "Aras Innovator Database Updates". The first section has an "Install Path" label and a text input field with a "Browse..." button. The second section has labels for "Server URL", "Database", "Username", and "Password", each followed by a text input field. At the bottom of the window are three buttons: "Back", "Install", and "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.

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

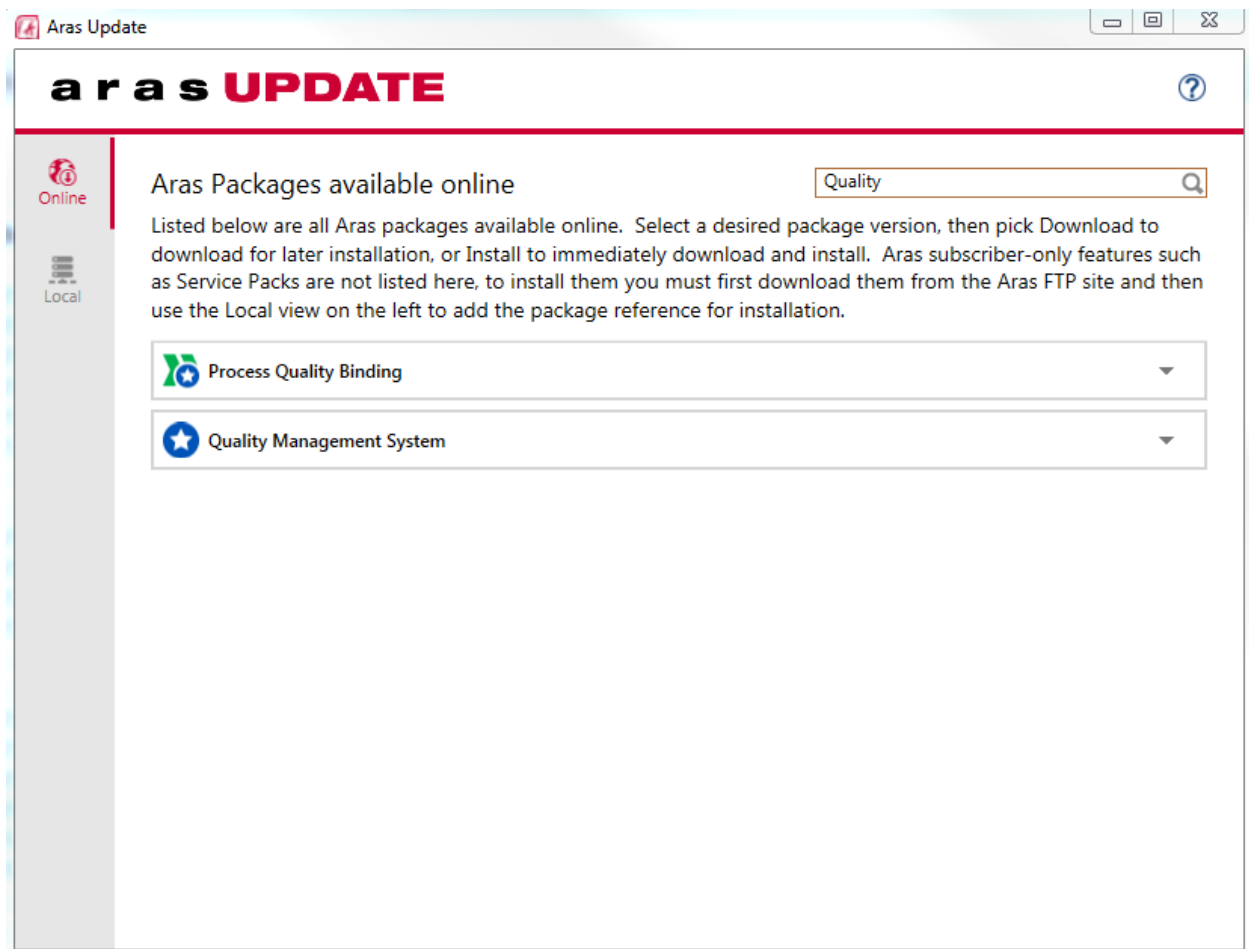


Figure 5.

## 3 Local Packages

### 3.1 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:

6. 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.

7. 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:

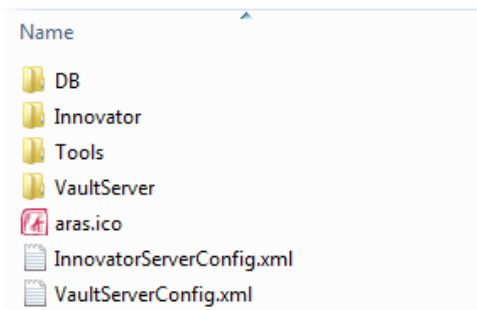


Figure 6.

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 of its contents.

8. 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.

9. Backup the database.

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

10. 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).

## 3.2 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” button. The downloaded and the added Aras Update packages are displayed.

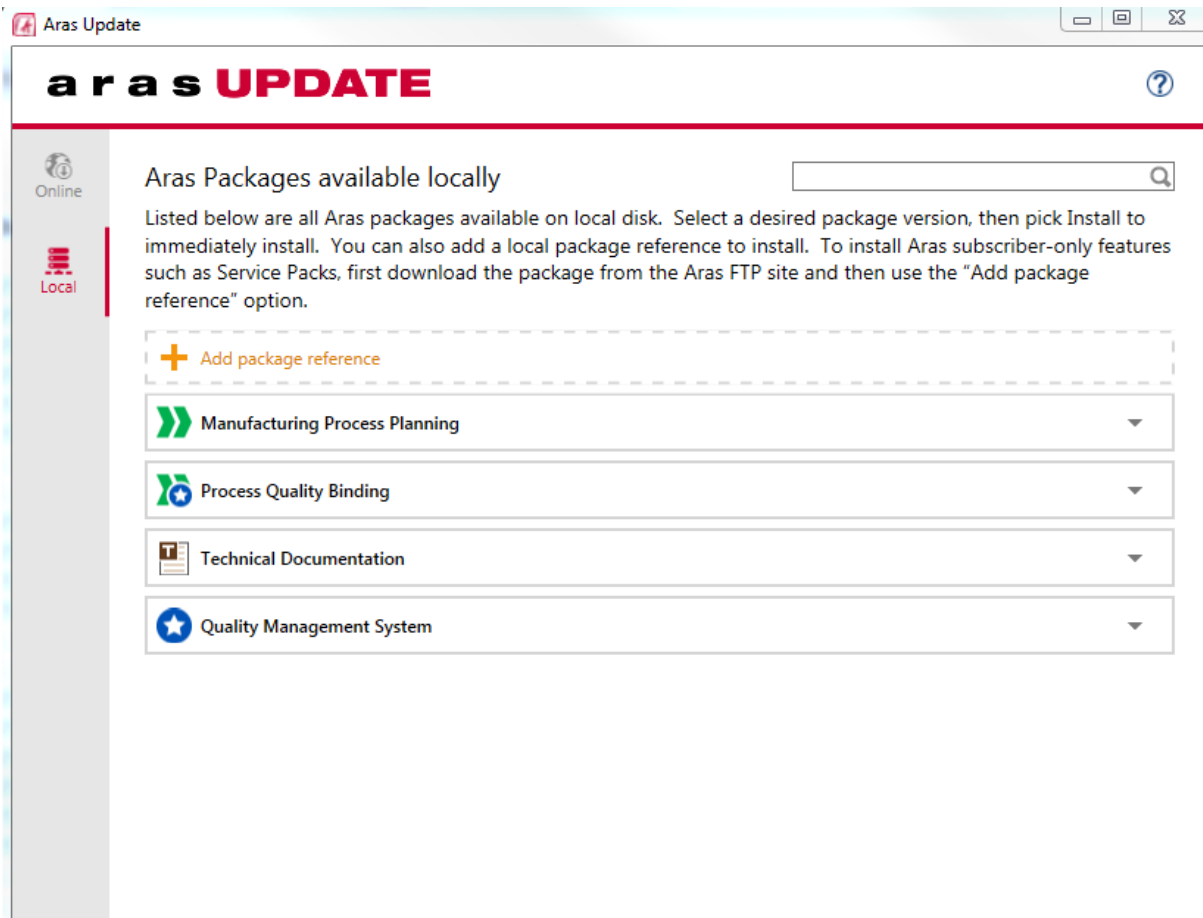


Figure 7.

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

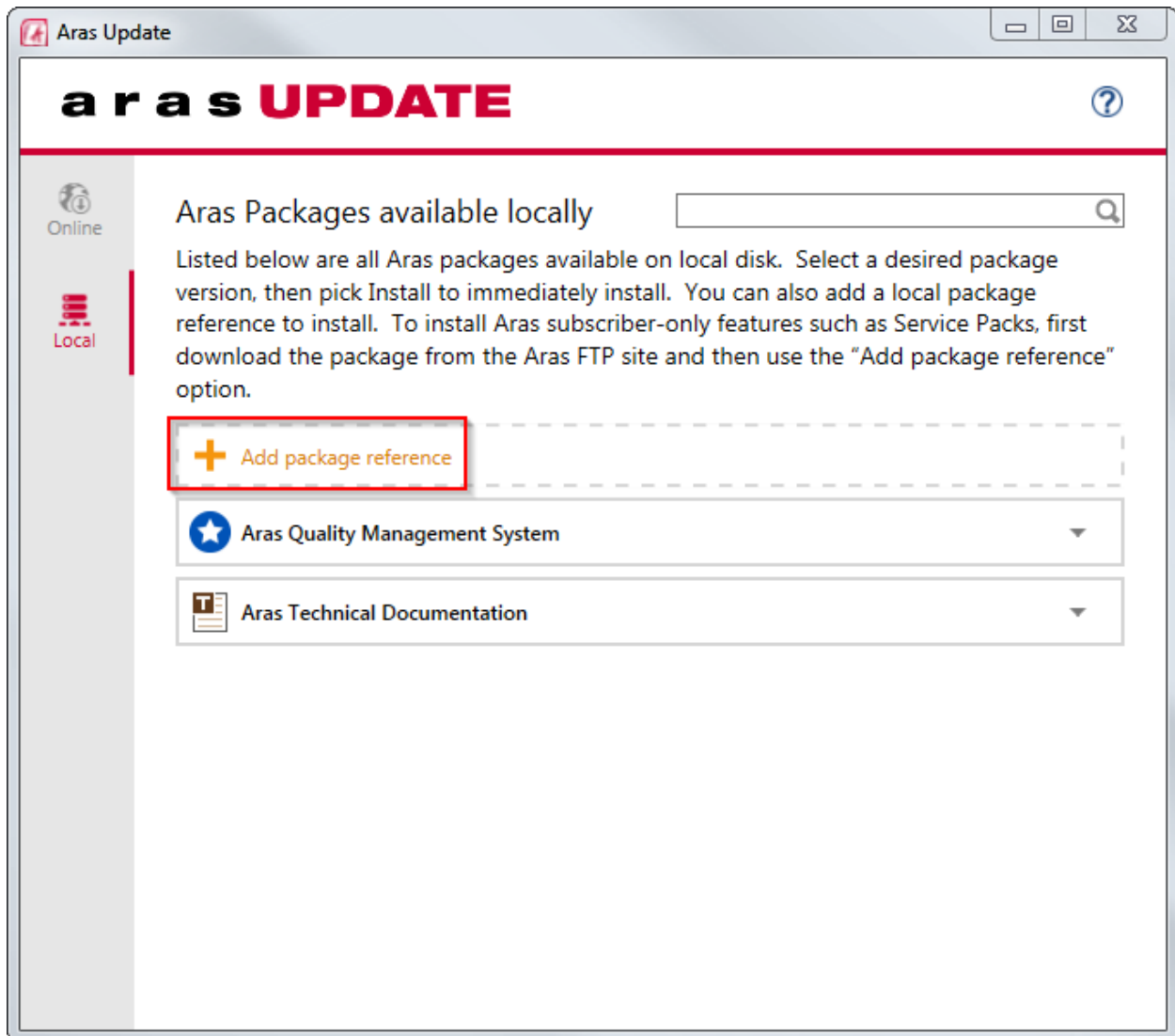


Figure 8.



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

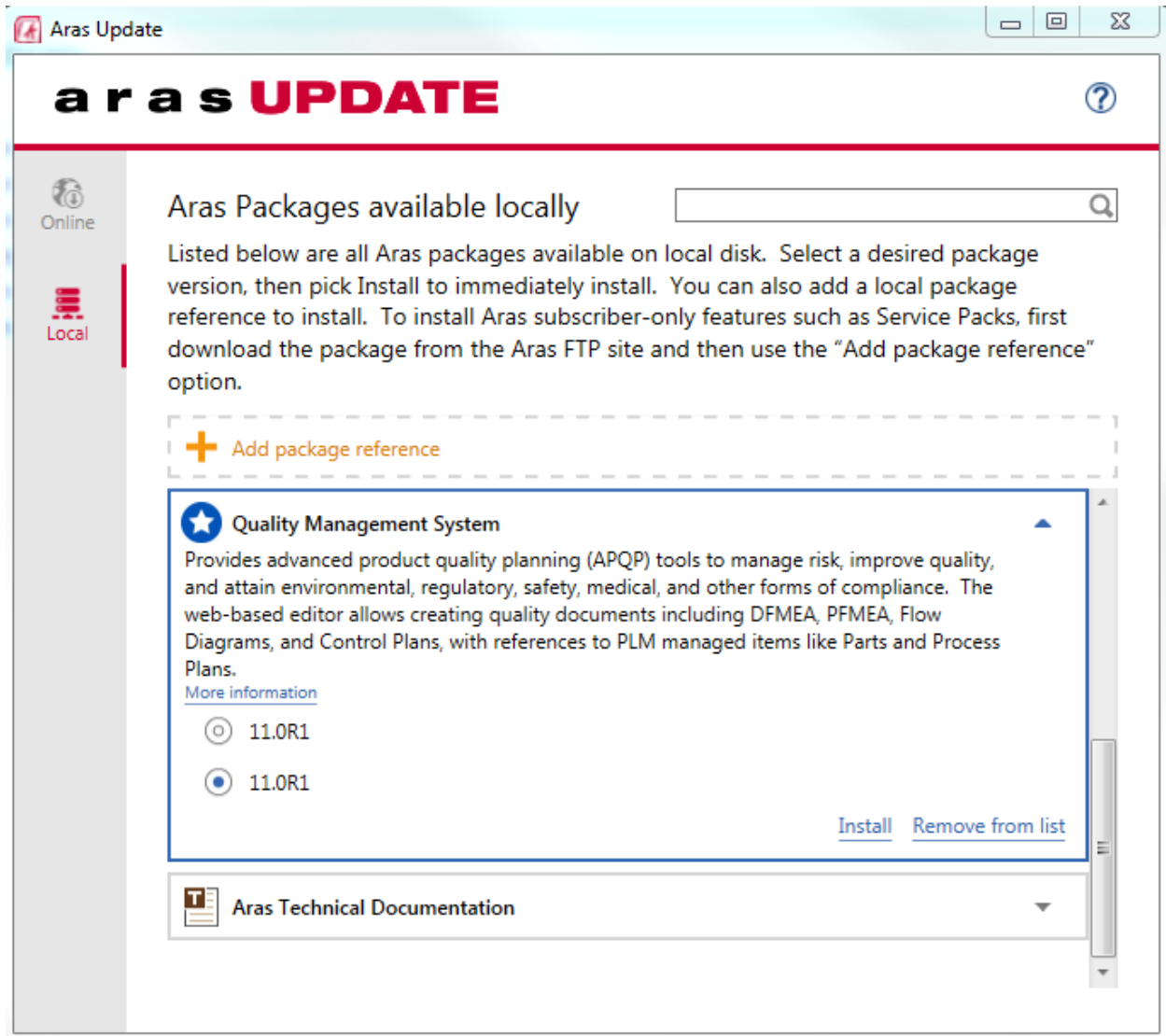


Figure 9.

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:

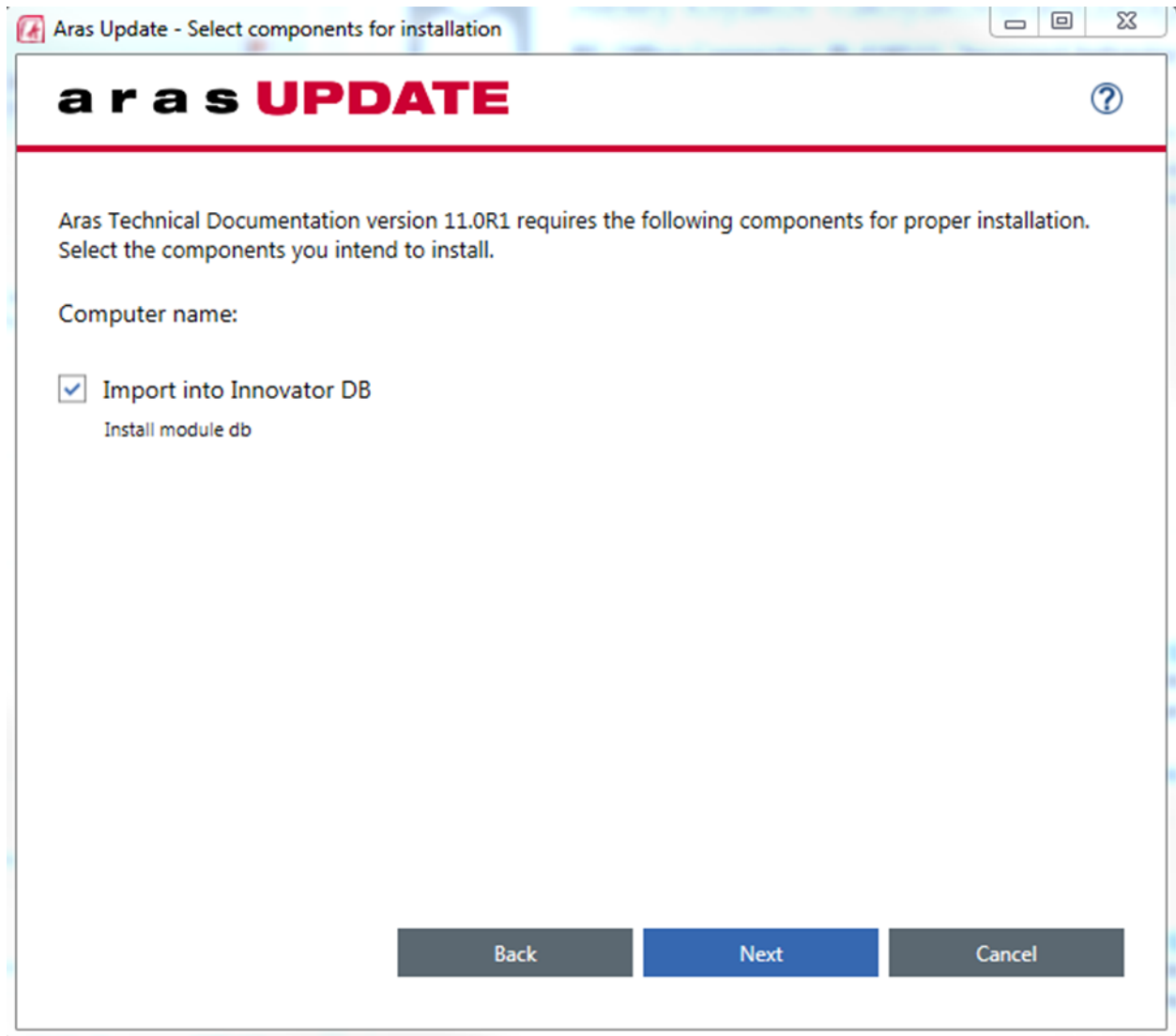


Figure 10.

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

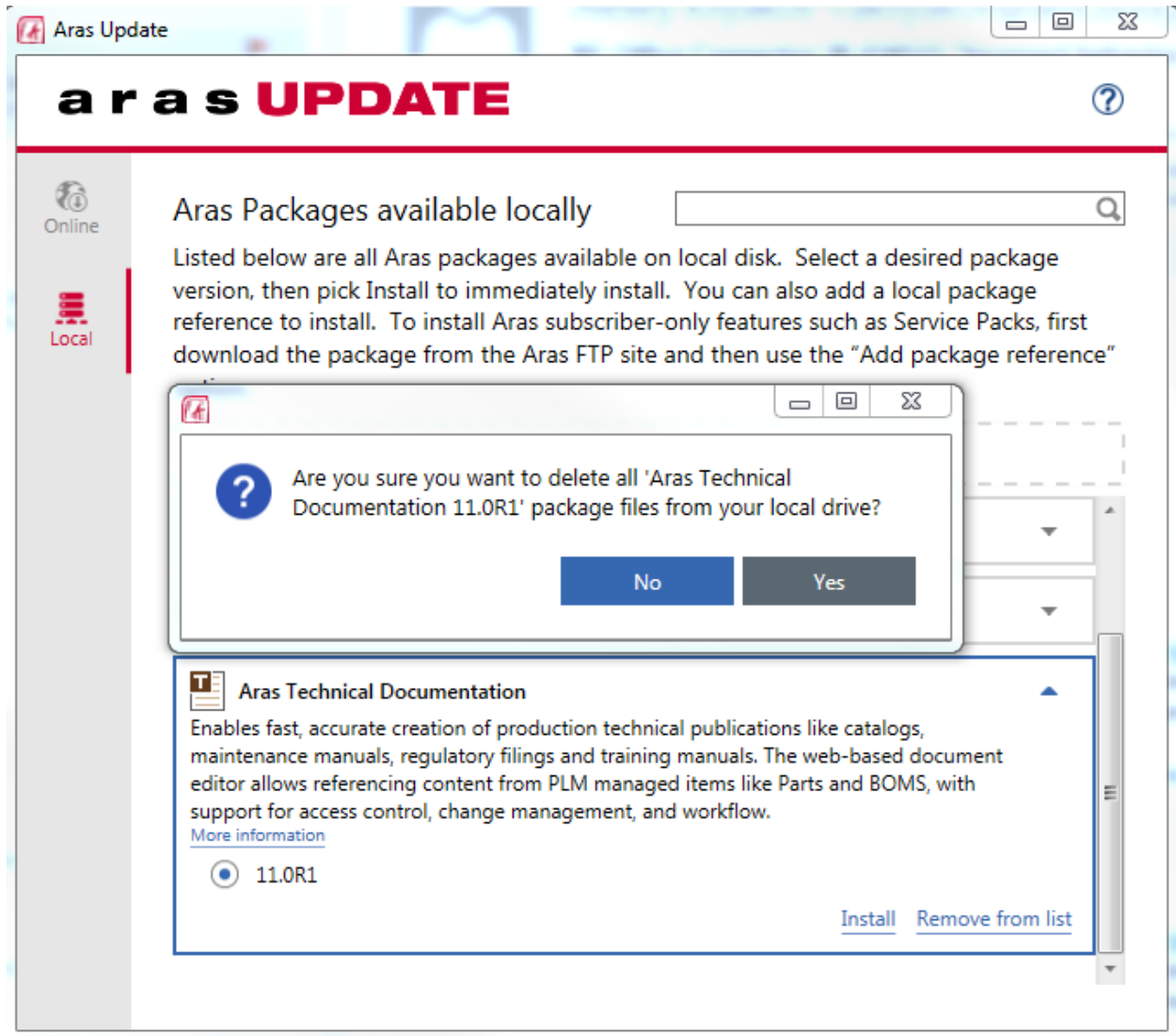


Figure 11.

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

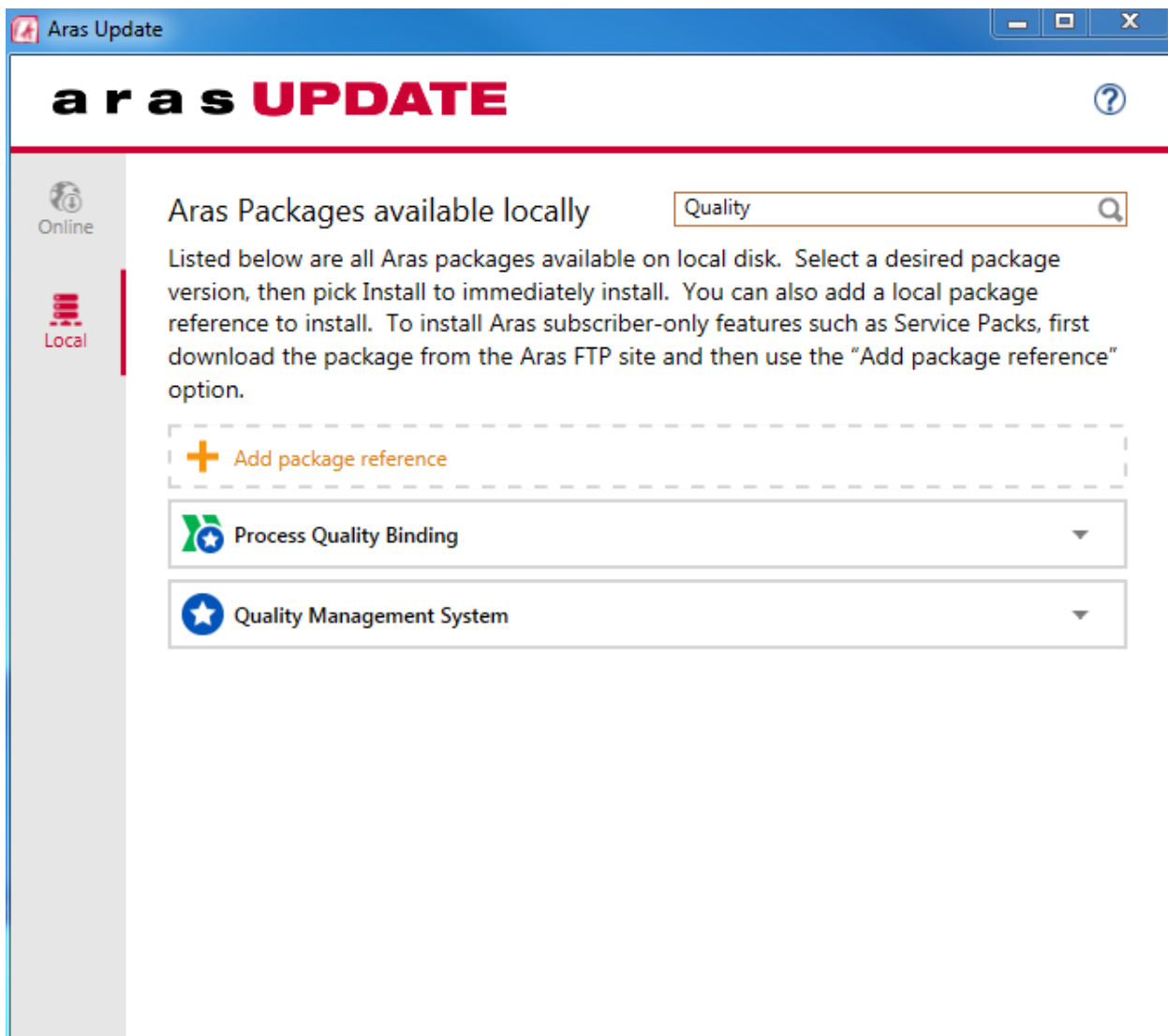


Figure 12.