Aras Update 1.22

User Guide

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1 Overview

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

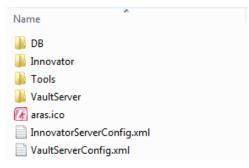
2. Back up the code tree:

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 \rightarrow Setting \rightarrow 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.

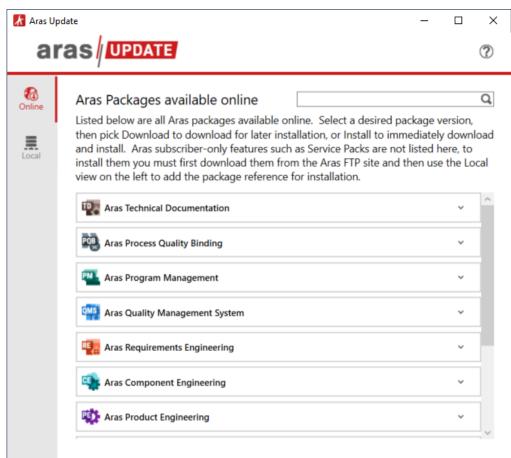
4. The easiest way to prevent client sessions from committing any further changes to the database is to change the database connection string in the InnovatorServerConfig.xml from "<DB-Connection..." to <xDB-Connection" and restart the w3svc service(IIS). This expires all sessions and prevents all new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





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

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| | Aras Technical Documentation Enables fast, accurate creation of production technical publications like catalogs, maintenance manuals, regulatory filings and training manuals. The web-based documene editor allows referencing content from PLM managed items like Parts and BOMS, with support for access control, change management, and workflow. More information 11.0R1 12.0R1 2023 Release (14.0.1) | nt | |
| | | ownload | |
| | Real Aras Process Quality Binding | ~ | ~ |
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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:

| 🖌 Aras Update - Select components for installation | | | × |
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| | | | ? |
| Aras Program Management Release 14 (14.0.1) requires the following compon | nents for proper i | installatio | on. |
| Select the components you intend to install. | | | |
| Computer name: ARAS-CORP/AC5CG13262S2 | | | |
| Aras Innovator Code Tree Updates | | | |
| Install into\Innovator application directory | | | |
| Aras Innovator Database Updates | | | |
| Import in Innovator Database | | | |
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| Next | Cancel |
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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:

| Aras Update - Select Components for Backup | - | | × |
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| Select if you want to create a log file to record installation transactions. | | | |
| Log file location: C:\ProgramData\Aras\ArasUpdate\OC\14.0.3.2241\Logs | | | |
| Create log file including: | | | |
| Simple logging | | | |
| Detailed logging | | | |
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Select "Simple logging" or "Detailed logging" and click the "Next" button.



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| Aras Innovator Databa | | | | | | ^ |
| Server URL | | | | | | |
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You package may prompt you for the Innovator code tree and database information. For example:

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.

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



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

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| | Aras Process Quality Binding Aras Quality Management System | ~ | |
| | Aras Manufacturing Process Planning | ~ | |
| | Simulation Management | ~ | |
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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:

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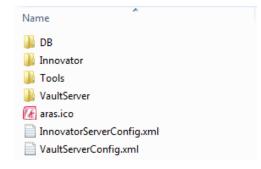
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```
C:\Program Files(x86)\Aras\Innovator
```

With the following contents:



You can confirm the installation folder with the following steps:

- a. From the Start Menu, select Start \rightarrow Setting \rightarrow 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.

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 from 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).

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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.

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| | 4 Aras Requirements Engineering | | ` | , |
| | Aras Office Connector | | `` | · |
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Click the "+ Add package reference" button to add an Aras Update package. Select the directory with the Aras Update package. Click the "OK" button.

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

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| | Aras Program Management Enables organizations to manage new product development and engineer-to-order processes for complex projects that require global collaboration. By linking deliverables to project tasks, completion status and control are significantly enhanced. Projects can then combined together as Programs to manage the overall product portfolio. More information | ^ |
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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:

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| Computer name: ARAS-CORP/AC5CG13262S2 | | |
| Aras Innovator Code Tree Updates | | |
| Install into\Innovator application directory | | |
| Aras Innovator Database Updates | | |
| Import in Innovator Database | | |

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

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

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