



Aras Package Studio

User Guide

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Table of Contents

Send Us Your Comments	4
1 Overview	5
2 Prerequisites.....	5
3 Use Case one: Create a new application package and assign items	5
4 Use Case two: Identify Data Model Changes Since a Specific Date	8
5 Use Case three: Package a custom data model Item.....	9
6 Use Case four: Unpackaged Items and Hidden Items.....	10
7 FAQs.....	11

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1 Overview

Package Studio is a powerful new application for Aras Innovator SaaS and Aras DevOps subscribers. It is designed to simplify and accelerate how Low-Code Developers manage customizations within Aras Innovator.

Built to complement the robust low-code capabilities of Aras Innovator, Package Studio offers an intuitive and efficient experience for handling application packages. It empowers developers to take full control of their PLM customizations easily.

Aras Innovator enables organizations to tailor their PLM backbone to meet evolving business needs. Package Studio extends this power by offering a focused set of tools to streamline and enhance the customization lifecycle — from creation to deployment.

 *Your insights are essential to us. We're working hard to make this tool as helpful and user-friendly as possible. Please take a moment to complete this feedback form. It will help us identify areas for improvement and make the tool more effective for your daily work.*

<https://forms.office.com/r/it1ksuT7rt>

Note: This release is currently in beta and intended for evaluation. It may contain incomplete features or known issues. We appreciate your feedback and assistance in refining the final version.

2 Prerequisites

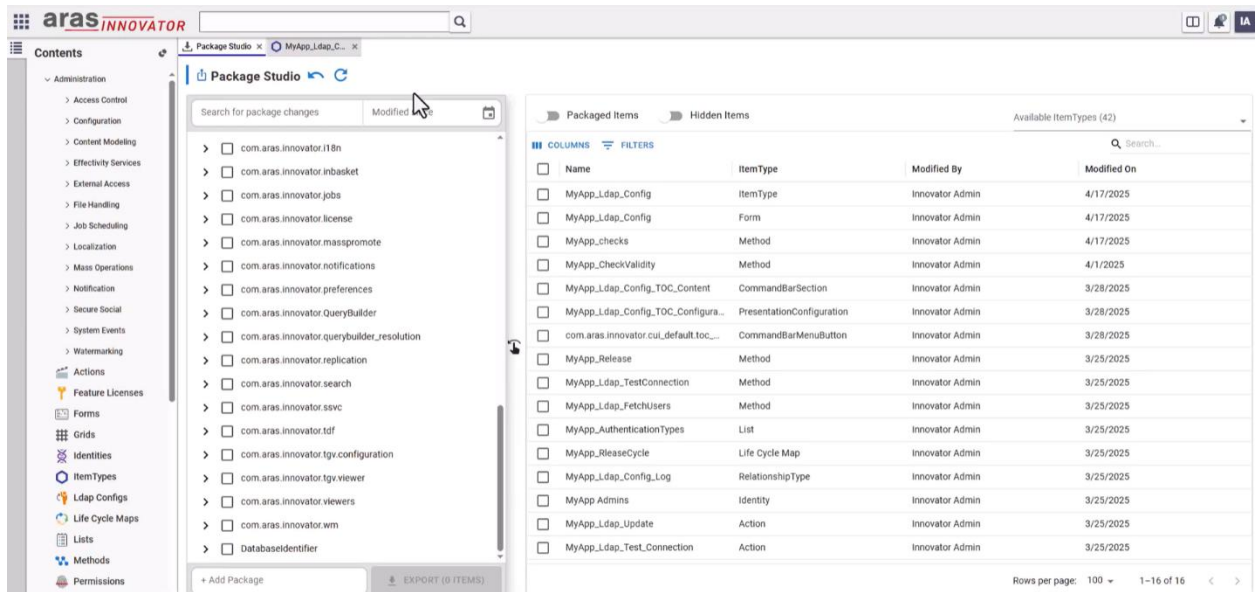
- Aras DevOps administrators or contributors must have Aras DevOps Local Development Environment prior to following the steps outlined in this document. It is recommended that all administrators read the **Aras DevOps – User Guide**, as it explains how to effectively utilize the Aras DevOps service included as part of the Aras Enterprise subscription to manage Aras Innovator customizations throughout the entire lifecycle of the Aras Innovator implementation.
- .NET 8 Hosting bundle is installed on the machine
- if Azure VM is used for local development, then create environment variable on the Azure VM with the name "BYPASS_LOCAL_RUN_CHECK_FOR_PACKAGE_STUDIO" and set value to "true"
- Port 5000 is available on machine
- Google Chrome and Edge Browsers are supported only
- Package Studio is installed based on **Aras Package Studio - Installation Guide**

3 Use Case one: Create a new application package and assign items

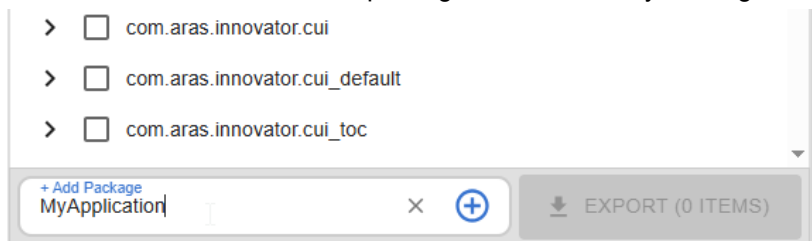
It is possible to create, extract, and deploy new packages in just a few clicks with the following steps:

- Connect to your development Aras Innovator Instance with Administrator profile
- Make the customizations of the model of the application using Innovator Low Code capabilities
- Open Package Studio in a new tab from Aras Innovator TOC

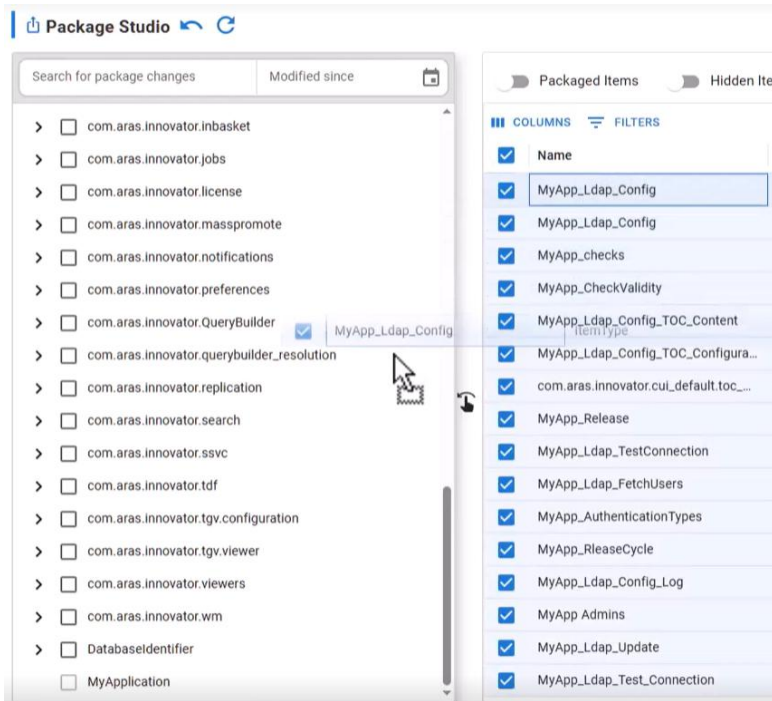
- The Item grid displays all items that are not yet packaged



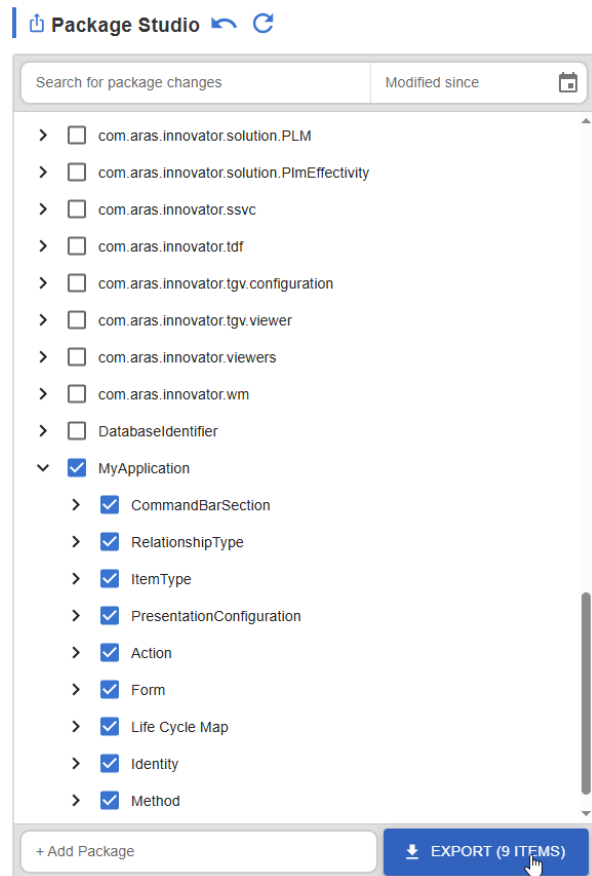
- Enter the name of the new package and create it by clicking “+” button



- Review the list of unpackaged items, select and drag & drop them on top of your new package



- Select your new package in the Package Changes tree and click the Export button

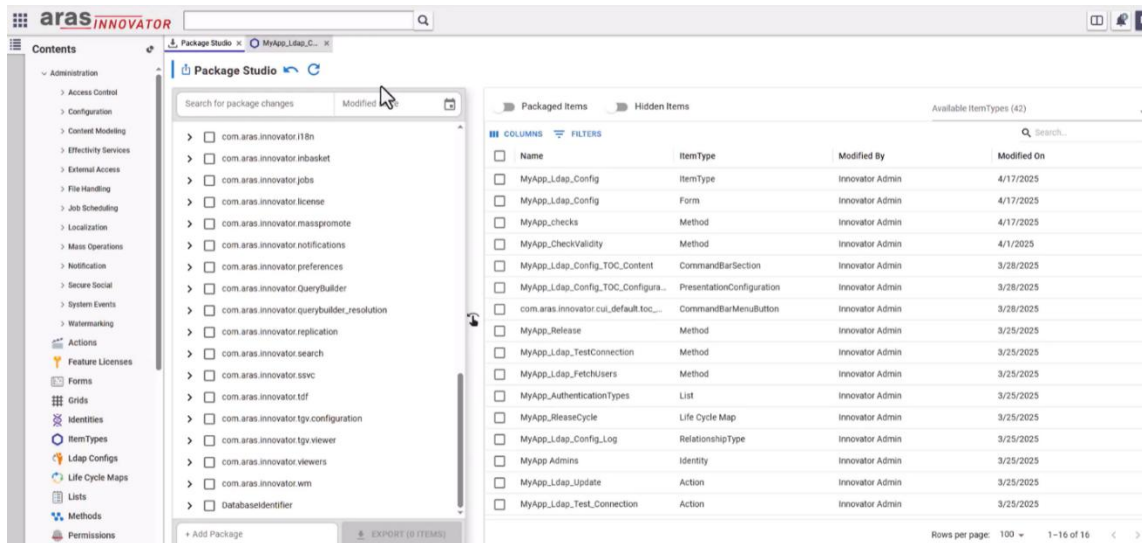


- See exported zip on your local machine in the default download folder that Browser uses.

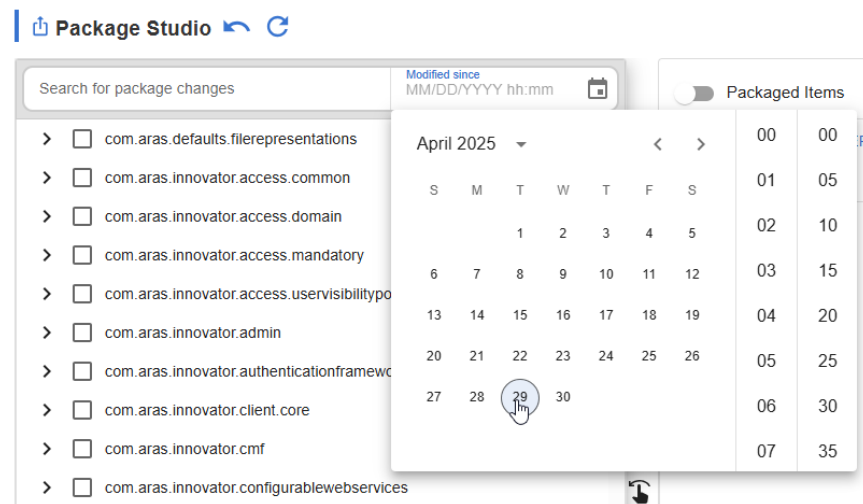
4 Use Case two: Identify Data Model Changes Since a Specific Date

When, as a low code developer, you make some changes to an existing application, or several of them, you need to be able to identify your changes very quickly. Package Studio will assist you in this task:

- Make the changes using Aras Innovator Low Code capabilities.
- Open Package Studio in a new tab from Aras Innovator TOC
- Package the unpackaged items if needed. (see use case one)

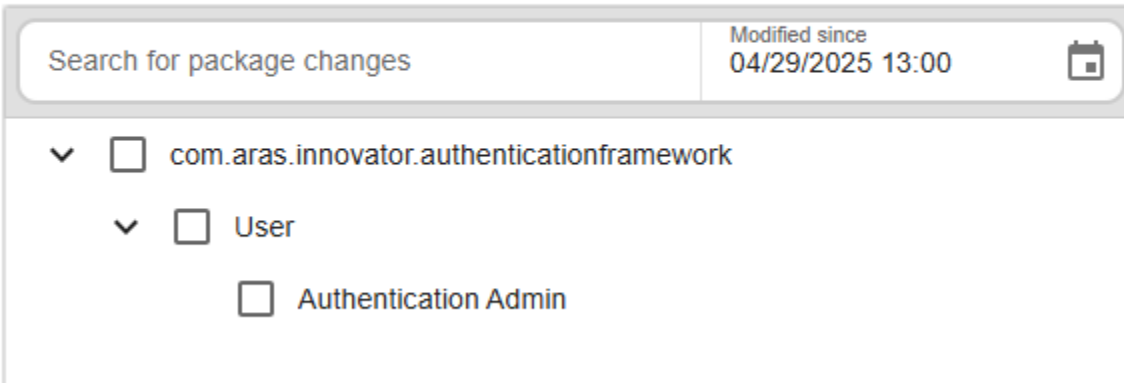


- Set the Modified since filter to the correct date/time. If you don't see changed items, click refresh button.



- Package Studio shows you everything that has been modified or added to a package since selected date/time.

Package Studio

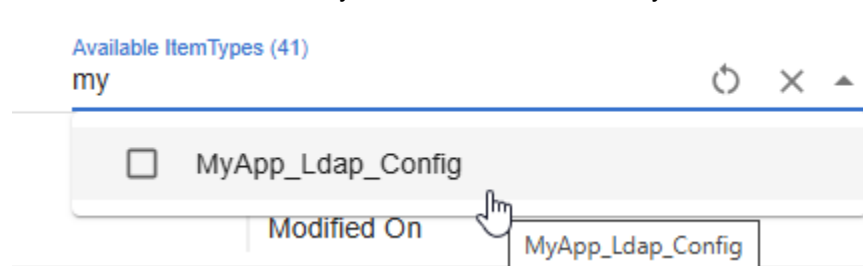


- Select All and Export. In a few seconds you've exported all your change in the default download folder that Browser uses.

5 Use Case three: Package a custom data model Item

In Aras Innovator, you can define custom ItemTypes — such as configuration items or business rules — that become part of your extended data model. With Package Studio, you can easily search and include Items of these custom ItemTypes in your application packages. This gives you full control over packaging the specific elements that matter to your solution, ensuring your custom data structures and logic are consistently deployed across environments

- Click on **Available ItemTypes** control
- Filter and select only the elements relevant to your use case



- Include specific items in your application package (see use case one and two)

7 FAQs

Most frequent questions:

- Who can access Package Studio?
 - Package Studio is available for Aras DevOps users in the context of Aras DevOps subscription or Innovator SaaS subscription.
- How is Package Studio different from Package Import Export Utilities?
 - Package studio offers a built-in seamless experience embedded into Innovator to create, manage, and export packages. It does not rely on any external tool to export packages or traversing data to understand package structures
- Is Package Studio part of OOTB Innovator
 - No, Package Studio is deployed as part of Aras DevOps and relies on an external service that is running your local machine. By default, this service uses the port 5000
- What to do if BuildAndDeploy.ps1 failed with error message is shown:

"...Windows service did not start in a timely fashion. Make sure the .NET 8 Hosting Bundle is installed on your machine. Then run BuildAndDeploy.ps1 again or try starting the service manually."?

- please install [.NET 8 Hosting bundle](#) and then open Services on your machine and start Aras.PackageStudio
- What Browsers are supported by the Package Studio?
 - Google Chrome and Edge Browsers are supported only.
- What languages and date formats do Package Studio support?
 - only English language for text and English format for dates in first release with predefined list of settings such as no export of dependencies, localization etc.