

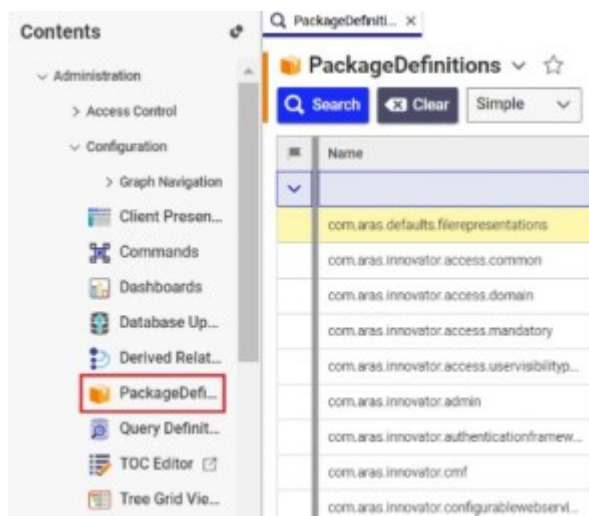
Packaging Tools and Methods

The Aras Innovator architecture is designed to customize standard Aras Solutions/Apps and build custom Solutions.

Solution Packaging is the mechanism that allows Solution Developers to register customizations in **Packages** so they can be extracted and transported to other Aras Innovator installations, such as from a development environment to a test environment.

The Items are organized into **Packages**. A **Package** element (identified by its GUID) cannot be added to multiple **Packages**. To facilitate identification, folder names should be aligned with the **Packages** they contain.

It is recommended to use packaging when creating items, lists, properties, etc., in an Aras Innovator instance since the packaging is mandatory for use in CI/CD. **Packages** can be exported and imported.



A newly installed Aras Innovator database contains **Package Definitions** of two types:

- **Core Packages:** These Packages define the basic structure of every Aras Innovator database, regardless of what solutions are used. It is not recommended to customize Released AML Packages. Core Released AML Packages are not stored in the repository by default. If customization is necessary, only the delta, the specific change, should be stored in the

repository. The Aras DevOps manages and applies Released AML Packages automatically during build and deploy.

- **Solution Packages:** These **Packages** define the elements that comprise the definition and functional rules of different custom data models created in the project context.

You can add new Packages with customizations and commit them to the **AML-Packages** folder in the SDE.

To learn about Standard Solution Packaging Tools, refer to the Standard Solution Packaging Tools Appendix.

The following section provides an illustration related to the topic discussed above.

