

Enhancements in Version 12.0 SP1

Query Builder

- **Exists Function:** The Condition Editor now supports the use of 'Exists().' This function is used with related Query Items in a Query Definition. It enables users to filter items based on the existence or absence of related items.
- **Improved Copy/Paste:** Query Definition Items can be duplicated to make it easier to create a Query Definition similar to the copied item.

Tree Grid View

- **Excel Export:** Tree Grid View now supports the ability to create an Excel file that contains the contents of a Tree Grid View. When created, the generated Excel file contains the same rows and columns that are configured in the related Tree Grid View Definition. The Excel file contains all of the data currently displayed in the client.
- **Sorting:** Tree Grid View now supports sorting on selected columns. Sorting is executed in a way that is similar to other grid/tabular content in Aras Innovator. Content is sorted at each level in the grid where hierarchical data is displayed.

Pinned ItemTypes

- Users can pin their favorite ItemTypes to the Navigation sidebar for quick access. Clicking on a pinned ItemType icon provides direct access to the create and search commands in the secondary panel without expanding the full TOC to find the ItemType.

Current Life Cycle State Indicator

- An item's current state in a Life Cycle Map is now clearly indicated using a yellow highlight.

Effectivity in Part BOMs

- Users can now edit Effectivity on Part BOM in the BOM Structure tab. A split pane enables users to create, edit, and remove Effectivity on any line in a multi-level BOM Structure by selecting **View Effectivity** from the context menu.

Issues Fixed in Aras Innovator 12.0 SP1

Table 1: Framework

Issue #	Description
F-000014, 077447	Added the ability for the user to Pin ItemTypes in order to allow easy access to commonly used ItemTypes.
F-000080	Added a new Sidebar to the Nav Panel and fixed the set of Nav Panel views. A display of new Pinned ItemTypes has also been added.
F-000129	Updated the TOC to use new TOC Modeling Capabilities.
F-000143	Updated the styling of Relationship Grids.
F-000159, 077448	The current state of an Item within a Life Cycle map is now indicated graphically, making it clear to the user what the current state is.
F-000162	Improved the Styling of the default ItemType icon.
F-000260	Added the ability for configurable behavior to evaluate a relationship to be effective when it has more than one effectivity on it.
F-000392, 078308	Added the ability to add new, update existing, and delete existing effectivity from a Part's "BOM Structure" tab.
F-000434	Defined the public API for token providers in IOM.
F-000490	Created templates and examples for OAuthServer plugins to speed up plugin development.
F-000497	Moved ItemType Actions to the TOC context menu.
F-000641	Added View and Edit modes in the effectivity editor.
F-000642	Updated the effectivity expression editor to open as a pop-up for Add and Edit.
F-000763	Enhancements were made to improve the accuracy of the search results in Enterprise Search.
I-003044	ItemType actions are now available without creating an item.
037057	Corrected an issue that prevented a new user currently logged in to a can_add group Identity from adding a new item even after the user logged out and then logged back in.
052972	Added functionality to allow for customization of the filter order in the left panel for Enterprise Search.
056650	Merged TDF implementation between all applications.
056715	Customization of context menus on TOC now works as expected.

Issue #	Description
057669, 078311	Added support to allow the export of tree view content to Excel.
069629	Enterprise Search crawlers can be directly managed from the dashboard in Japanese localized system.
072692, 078309	Columns can be sorted manually in Tree Grid View (TGV).
072873	Updated Query Builder to allow the use of the "Exists" condition function (similar to how "Count" is used).
074581	Instance now works when there is an apostrophe in a TOC Category name.
076332	MAC Policy correctly supports "list" and "text" datatypes.
076483	Corrected Query Definition which would return an Error for "Save As" if it had a long Alias of QueryItem
077017	Potential deadlock issues on tmpTable were addressed.
077091	Content Modeling Framework correctly prints/exports to XPS.
077287	Item can now be saved if it has a tab with a configurable grid that uses the Item/File property cell.
077337	Allows separated SQL transactions in a Server Method.
077595, 076961	Addressed an issue that occurred when creating Domain Access Control definitions. Administrators can now use the same name for Derived Relationships, as long as the Relationships belong to different Derived Relationship Families.
077626	Corrected errors when trying to uncheck the Relationship View checkbox under "Remove Tree Grid View Usage" dialog.
077907	Fixed a condition in which the Derived Relationship grid may disappear after switching from Editor to Form.
077953	Fixed a potential conflict in UPDATE statements with the FOREIGN KEY constraint.