

Enhancements in Aras Innovator 12.0 SP3

Visual Collaboration

- **3D Dynamic View:** The Dynamic Viewer now supports the ability to use Parameters with Query Definitions. Parameters provide the ability for users to identify specific filtering logic to apply to the content displayed in the 3D View and Tree Grid View. The use of Parameters also enables the ability to apply Structure Resolution to filter 3D Content. Please refer to the Dynamic Visualization User's Guide for more information to configure these Features.

Tree Grid View

- **Support for Date/Time Cell View Type:** Users can specify that a cell in a Tree Grid View definition can be rendered as a Short or Long Date as well as a Date Time field.

Improved Refresh

- The Refresh command, found on the toolbar for item views, has been updated so that it fully refreshes from the database, similar to re-opening the item.

Relationship Grid Improvements

- The standard relationship grid has been updated to the same advanced technology as was used already for main search grids and modal search grids.

Flexible Accordion Layout

- The default Item View is to have the Form in the first accordion, and all relationship tabs in the second accordion. This automatically-generated layout can now be modified using Configurable User Interface (CUI) modeling on a per-ItemType basis, such that any relationship tab can appear in any accordion.

Improved Keyboard Navigation

- It is now possible to navigate many regions of the client using common keystrokes such as arrow keys, Tab, Space, Enter, and Esc. This includes the header, navigation panel, toolbars for both search and item views, and item view accordions.

Improved Icons and Tooltips for Common Functions

- Certain commonly-used command buttons are updated with improved icons and tooltips, to clarify their function. This includes the three commands which add rows to relationship grids: "Select Items" (pick related), "Create Item" (create related), and "Add Row" (no related). The "Delete Row" and "Create Item" command are updated in a consistent manner.

Item Access Report

- A new Item Access Report is available to Administrators which displays all active permissions, DAC, MAC, and methods for a given open item. This is available through "...>Permissions>Access Report".

Issues fixed in Aras Innovator 12.0 SP3

Issue #	Description
011561, I-011304	Corrected the behavior in which a checkbox of an unlocked item would show "redline" when clicked even though the item and checkbox were not editable and were not changed.
012994, I-011309	"..." now properly appears when redline mode is active and a column on the grid is reduced in width.
024700, I-011294	Display of redline in the grid now stays within the boundaries of the relationship grid.
024755, I-011296	In the relationship grid, when a new relationship is added and the old relationship removed, redline mode correctly displays both the original (removed) relationship in redline and the new relationship in blue.
032391, 055290, I-011312, I-011313	Improved the display of files listed in the relationship grid while redlined.
033169	Corrected an issue in which a filtered list would show the list Value instead of the Label.
041392, I-011327	Corrected an issue in which using an ampersand in an Item name would always show as a changed field in redline mode.
045504, I-011298	Non-item forms now have a default icon in tabs.
045975, I-010166	Corrected a minor JavaScript error which occurred if the user logged out while the Structure Browser tab was still opened.
046587, 075213, I-010030, I-011328	In redline mode search mode dropdown is disabled. Clicking the "Run Search" button when there are no criteria entered in the search bar does nothing in redline mode, allowing the user to resume redlining. The grid search row is not visible in redline view.
047031, 072347, I-005582, I-009451, I-009450	Updated the client to properly remember user preferences in the relationship grid column settings (e.g. hidden, order, etc.).

Issue #	Description
063762	Firefox will now correctly handle the view of an ItemType which has more than 500 properties in the main grid (Firefox only).
077312, I-010606	Added functionality to allow the display of file upload status and progress in the Aras Innovator browser window.
077333, I-007968	Addressed an issue in IE, when using Query Builder. The Context ItemType list is now correctly displayed above the Description field.
077700, 080124, I-008988, I-009169	Error message displays the ItemType singular label and ItemType Name, which is displayed in proper localization if available.
078076, I-001137	Favorite Searches functionality has been implemented to replace the old "Saved Search".
078923, I-007002	Corrected the behavior of the "Can Execute" Handler in the context menu of the RMB.
079408, I-008234, I-009017	Addressed an issue in which OAuth may fail to authenticate with a "HTTP Error 400" message if users belong to a large, weighted group of claims in WindowsIdentity which result in large request headers for the OAuth Server Requests..
081071, I-007671, I-010853	Corrected an issue in which columns configured as date or other non-text might not export to Excel from a relationship grid or Tree Grid View correctly and could cause the export to be unreadable.
081073, I-010947	Cell Color and Color List items in a relationship grid are now correctly exported to Excel.
081103, I-010889	Corrected an error that occurred when trying to add an external document link to any element of a Technical Document. The related document can now be chosen in the Link Editor dialog box.
081137, I-010997	Addressed a situation in which a Search dialog that contained polymorphic ItemTypes would not paginate correctly.
F-000008	Refresh command fully updates the item from the database.
F-000050	Standard relationship grid updated to advanced technology, with resulting performance gain for some use cases.

Issue #	Description
F-000849	Allow flexible layout of relationship tabs in item view accordions.
F-000950	Improved support for keyboard navigation and screen readers.
F-001265	Fixed multiple bugs with Technical Documentation Framework editor.
F-001361	Improved icons and tooltips for common functions.
I-003735, I-009522	Checkboxes are now sized to 16x16px in grids.
I-005058	Updated Favorited Search functionality to be correctly saved when searching a Date column.
I-005206	Fixed an issue in IE which might result in the failure to display the updates to a related item which was edited in another window.
I-006962	Added a method to the Tree Grid API to open all loaded branches at once.
I-007101	Styling for tabs in a collapsed accordion has been updated.
I-007763	Relationship accordion correctly refreshes after changing or deleting data. Contents of a hidden tab are not displayed.
I-007879	"Edit" button is no longer displayed in the context menu called by right-clicking on an empty area of the relationship grid.
I-008023	"Paste Row" and "Paste Special..." are now correctly displayed in the BOM relationship sub-menu.
I-009340	Visual Collaboration discussion panel now works correctly when Technical Documentation Framework editor is active.
I-009725	Updated display of grids to be consistent when viewed from a MacOS.
I-009772	If the + sign next to the Revision property is clicked to create a new revision of a Part while on the "BOM Structure" tab, duplicate item rows are no longer displayed in the new item revision's view.
I-011060, I-011069	Addressed issues for compatibility with the new release of Chrome.

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