Enhancements in Aras Innovator 11.0 SP11

Extended Classification

Introduced the capability to define Extended Classification, to provide more flexibility to assign groups of characteristics to items. Extended Classification provides the ability to define Extended Classification Trees referencing Extended Properties independently of any ItemType, and then associate those trees with one or more ItemTypes.

Based on the Extended Classifications defined for a specific ItemType, the end user can select desired Extended Classifications per item, and set values for the Extended Properties defined within each classification. A new Property Columns panel within the main search grid helps the user to select which properties to display and search on.

File Representations

Introduced the ability to define a File Representation of a File that is not directly attached to the container object of the master file. File Representations allow for adding or updating files attached to a business object like a CAD Item. This makes it possible to have the creation of a representation of the business separate from the change control process. For example, an alternative format or resolution of an image file (e.g. JPG) could be managed as a File Representation, associated to the base image file that is attached to the business object (e.g. Document), and be updated without having to lock or version the business object.

Enhanced 3D Visualization

The 3D viewer that is part of Visual Collaboration has been significantly enhanced. A new model browser displays the model tree as PLM items, and allows the user to open corresponding PLM items by selecting in the model tree or directly on the 3D model. A new context menu on the 3D model includes hide, show, and isolate functions.

@mentions in Visual Collaboration

The @mention capability allows users to directly and easily notify another user about a comment added to a collaboration discussion. By simply typing @username into the comment, the comment will be included into the target user's discussion feed even if they are not directly following the item. If notification is enabled, they will get notified as well.

Type-Ahead Field Completion

Introduced the ability to type ahead values for certain field types in the client user interface. When entering data into a List, Item, or Classification property, the client will query the server and provide suggested values based on the text entered without the need to open secondary search dialogs.

Firefox 52 ESR

Introduced client browser support for the Firefox 52 ESR release on Windows and Mac operating systems.

Issues Fixed in Aras Innovator 11.0 SP11

Issue #	Description
032435	Added 3D model browsing capabilities including hide, isolate, show item info, and open item.
044580	Introduced the capability to define Extended Classification, to provide more flexibility to assign groups of characteristics to Items.
044581	Improved 3D model navigation and access to PLM content inside the Visual Collaboration 3D viewer.
044582, 050971	Introduced "File Representation" capabilities for managing files in the Aras vault without direct attachment to business items like CAD Documents.
048060	Added type-ahead capability for data entry into List, Item, and Classification properties.
021397	Improved "Add to Package Definition" functionality to eliminate duplicate export of Methods when AML package is defined incorrectly.
042620	Introduced the use of "CTRL-A" hotkey shortcut in the main search grid. Selecting "CTRL-A" selects all rows in the main search grid to allow applying an action to all selected Items.
048277, 045486	Introduced Mandatory Access Control (MAC) Policies as an extension to the existing permission model. MAC Policies allow ItemTypes to define additional security based on attributes external to the Item or Permission assigned to the Item.
048369	Allowed the target for the Zookeeper log file to be configured in the Enterprise Search setup.
049713	Fixed issue that could prevent Items from being indexed when permissions on the Items include Team Identities.
051308	Fixed error that can prevent the "Snap" feature from working in the Form Editor when using the client UI in Tabs view mode.
045935	Added `@mention` capability to notify users within visual collaboration messages.
046558, 051713	Enhanced grid UI to eliminate automatic calculation of the number of returned results to the UI other than the current page of results. The number of Items beyond the current page of results can be calculated as separate actions in the UI enabled by simply selecting an ellipse in the status bar. Separation of this calculation for Item and Page count allows for faster search results when querying large data sets.
047754	Improved deep linking selection.
048202	Introduced support for FireFox 52 ESR.
035010	Introduced Content Modeling Framework "CRUD" (create, read, update, delete) AML API.
053124	Fixed error that could prevent search grids or Forms from displaying properly in Chrome 61 or higher.

Issue #	Description
045935	Added `@mention` capability to notify users within Visual Collaboration messages. A User can insert the username of another User inside a Visual Collaboration message, after typing the "@" sign. If a user is mentioned in such a way, the comment is automatically added to the target user's feed.
051331	Improved indexing of Files in Enterprise search.
048574	Fixed issue that could cause strikethrough text to be lost when pasted into the Formatted Text Editor.
044583	Added the ability to search and filter Enterprise Search results based on properties of the Item.
048060	Added type-ahead capability for data entry to List, Item, and Class properties
048866	Fixed error that could cause the WBS elements to fail to expand properly and show the elements un the WBS element.
048866	Introduced the ability to "Select All" when choosing packages for import in the Package Import Export utilities.
051090	The CAD to 3D PDF converter will now store SCS rather than HWF files on CAD Items. HWF files can still be shown in the viewer, but updates to the CAD Items will replace the HWF format with SCS format.
031624	Updates to the CAD To 3D PDF converter to support File Representations.