Enhancements in Version 11.0 SP4

Firefox 38 ESR

Introduced support for Firefox 38 ESR on the client.

Visual Collaboration Viewer Enhancements

A number of new features have been added to the viewers that are built into Visual Collaboration

- The PDF viewer now supports the ability to selectively turn on and off graphical content based on layers
- The PDF viewer now provides the ability to measure between two points. This includes the ability to set the document scale, such as is commonly used on engineering drawings. Measurements can be recorded by posting as visual collaboration comments.
- The PDF viewer supports the ability to compare two files, for example two drawings or two graphics designs. The comparison can be performed on either two versions of the same file, or two separate files. The comparison viewer allows the user to toggle between the two files and also show a graphical difference view which highlights where the file differ.
- A "Zoom Window" command has been added to the PDF and Image viewers, to enable rapid zooming to a location in the file
- The ability to toggle between pan mode and select text mode is added to the PDF viewer
- Viewer toolbars and palettes have been restructured for easier operation, and the active set of palettes is retained from one viewing session to the next.

Agent Service

The Agent Service monitors the vault replication and conversion server queues to initiate tasks. The service replaces the previous IIS thread process that ran in the Innovator Server. By externalizing the monitoring of these queues from the Innovator Server the Agent Service can operate independently of a high availability or failover array hosting the Innovator Server.

Issues Fixed in Aras Innovator 11.0 SP4

Table 1:   Framework

Issue #	Description
032213	Introduced support for Firefox 38 ESR on the client in in addition to support for Firefox 31 ESR.
033447, 031717	FireFox and Internet Explorer can interpret a carriage return as different text character. To prevent inconsistent data entry, the UI has been altered to force the use of a common text character on save to the database.
030564, 035396	Introduced new Agent Service feature.
033562	Fixed scenario that could cause user session to disconnect in high scale server use scenario.

Issue #	Description
034256	Fixed issue that could cause Print to show incorrectly mapped characters in Japanese.
035011	Introduce the "Promote" ItemType events. These events are separate from the Life Cycle Map and are defined on the ItemType level. These events will be triggered for every Promote of the Item, and not just during a single transaction.
034612	Introduced the ability to add the same property to a Self-Service Reporting report multiple times through the standard UI.
032421	Introduced advanced PDF viewer capabilities that include layer control, measurement, and comparison.
032430	Improved the usability of the View and Markup toolbars and pallets.
032767	Improved security of video and audio files attached to secure messages in Visual Collaboration.
033939	Enabled creation of sub reports via drill down functionality in Self-Service Reporting
034340	Eliminated issue that could prevent creation of reports in Self-Service Reporting based on multi-level structures.
034466	Eliminated issue with stale report result in Self-Service Reporting
034497	Enabled full usage of the "Allow Nulls" option in Self-Service Reporting
034726	Enabled opening of Report for edit from report menu in Self-Service Reporting
034745	Improved behavior of excluded properties flag in Self-Service Reporting
034731	Eliminated issue that could prevent creation of reports in Self-Service Reporting based on recursive structures.
034763	Implemented paging in report runner user interface of Self-Service Reporting