aras INNOVATOR® VERSION 9.3.0 SP5

Aras Innovator 9.3.0 SP5 is a patch release. Its primary objective is to provide localization enhancements of the installer to improve support for Japanese operating systems. Its secondary objective is to fix a small number of critical issues identified by Subscribers.

- **Enhancements in 9.3.0 SP5**

  - o   Introduced localization capabilities into the installer
  - o   Introduced Japanese text and prompts into the installer.
  - o   Provided a simple method to modify TOC Categories, and allow multiple levels of folders in the TOC of the main window.

- **Affected Versions**

  Aras Innovator 9.3.0
  Aras Innovator 9.3.0 SP1
  Aras Innovator 9.3.0 SP2
  Aras Innovator 9.3.0 SP3
  Aras Innovator 9.3.0 SP4

- **Issues Fixed in 9.3.0 SP5**

  Framework

Required	Issue #	Description
Yes	016830, 018726	Improved the behavior of "Reset Life Cycle" process that is triggered when an Item in is saved in a life Cycle State with is_released=1. When an Item is returned to the Start state of the Life Cycle Map via the "Reset Life Cycle" process, Item permissions are set to the permissions specified on the Start state of the Life Cycle Map.
Yes	018080	Introduced support for a multilevel folder structure within the TOC.
Yes	018312	Introduced a modal warning dialog in the case where the User is attempting to copy a relationship which has been modified but has not been saved.
Yes	018385	Enabled onAfterCopy server event after Copy/Paste operation. When one performs Copy/Paste on a relationship, onAfterCopy server event is triggered.
Yes	018412	Eliminated failures to promote controlled Items from Workflow Process attached to versionable Items.
Yes	018542	Corrected errors when forming search criteria for multi-value list properties causing searches to use the Value label rather than Value value in the AML.
Yes	018611	Enabled proper invocation of Life Cycle Promotion from Workflow Processes when the controlled ItemType is versionable
Yes	018795	Improved the delete confirmation dialog to display the ItemType label instead of name, thus allowing localization of the displayed message where applicable.
Yes	018837	Refresh Icon was added to the Inbasket.
Yes	018861	Grid method addColumn is corrected.
Yes	018931	Eliminated check for the existence of the Item before calling an onAfterUpdate method. This is consistent with the behavior before version 9.3.0 SP1
Yes	018974	Error when unlocking and saving versionalbe dependent item is eliminated

Yes	019068, 019069	Performance of the "Export to Excel" feature from client grids containing large datasets is improved. Memory utilization of the operation is significantly reduced.
Yes	019135, 019138	Enabled support for query conditions against foreign properties in AML. As a result, there is no difference between AML involving foreign properties and AML quering direct properties. AML can be written without special consideration for the foreign properties data source.
Yes	019137	Eliminated issues caused by sorting available promotions list right before promotion. Ensured that item is always promoted to a selected lifecycle state.
Yes	019238	Localized the Aras Innovator installer for Japanese operating systems with user visible prompts and text in Japanese language.
Yes	019346	Made possible through IOM.Item methods (like setProperty(..); etc.) to create the following AML:

Made possible through IOM.Item methods (like setProperty(..); etc.) to create the following AML:

```
<Item type="Part" action="get">
  <OR>
    <item_number>PartA</item_number>
    <item_number>PartB</item_number>
  </OR>
</Item>
```

Using C#, the method code would look something like the following:

```
Innovator inn = this.getInnovator();
Item myItem = inn.newItem("Part","get");
Item logOr = myItem.newOR();
logOr.setProperty("item_number","PartA");
logOr.setProperty("item_number","PartB");
myItem = myItem.apply();
```