

aras INNOVATOR® VERSION 9.3.0 SP7

Aras Innovator 9.3.0 SP7 is a patch release. Its primary objective is to fix a small number of critical issues identified by Subscribers. Its secondary objective is to enhance the performance of the API's used by CAD integrations.

- **Enhancements in 9.3.0 SP7**

- Introduced the ability to override the metadata cache on the client
- Improved the performance of the PE_GetResolvedStructure API
- Introduced the ability to unlock Items while voting without changing tear-off windows.

- **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
Aras Innovator 9.3.0 SP5
Aras Innovator 9.3.0 SP6

- **Issues Fixed in 9.3.0 SP7**

Framework

Required	Issue #	Description
Yes	013909	Introduced the ability to unlock the Item associated with a Workflow Process from the Activity Voting dialog.
Yes	020031	Fixed issue with Internet Explorer 9 cache that caused files from the vault to fail to display the second time the end user views the File Item.
Yes	020137	Introduced a Variable Item "Aras.Client.MetadataService.Url.Salt" that can be used to force the metadata cache to reload. By increasing the value of the variable by 1, the end users will refresh the metadata cache the next time they log in.
Yes	020283	Fixed an error that causes the AssignmentID for the onClose event of a Workflow Process Activity to return the related_id for the Activity Assignment. The AssignmentID for the onClose event of a Workflow Process Activity now correctly returns the ID of the Activity Assignment.
Yes	020311	Enhanced the performance of the PE_GetResolvedStructure Method for large CAD assemblies. 1) The first requirement was to tune how repeated nodes were evaluated to reduce the memory required on the server. 2) The second requirement was to fix an error in the result of the action getItemRepeatConfig. The bug occurred when the same node repeated in the structure multiple times. In the CAD structure below labeled "Full", note that the same CAD Item C appears 3 times in the complete structure.

Full	9.3.0 SP6	9.3.0 SP7
A	A	A
B	B	B
+--++	+--++	+--++
C D C	C D C	C D C
E C E	E C	E C
F E F	F E	F
F	F	

The CAD structure labeled “9.3.0 SP6” the result of getItemRepeatConfig for the same CAD Item is shown. Note that CAD structure shows incorrect behavior that when an Item is repeated in a structure but at a different levels. The entire item sub-tree is returned again in the AML instead of just a reference to the first occurrence.

In the CAD structure labeled “9.3.0 SP7”, note that CAD structure shows the correct behavior that when an item is repeated in a structure only a reference to the first occurrence is returned.

- 3) Finally, a recommended template was developed for situations where the CAD structure generates AML that still consumes large amounts of memory to process on the server and load on the client. The template is intended for use by CAD integration developers as an alternative to using select=”*” as a starting point for development. A targeted query helps reduces the size of the return for large CAD assemblies.

```
<AML>
  <Item type='CAD' id='5B0D68A3D4CE487B8AE4066D0832A515'
    action='PE_GetResolvedStructure'
    resolution='AsSaved'
    select='authoring_tool,authoring_tool_version,
      classification,config_id,description,
      external_id,external_owner,external_type,
      generation,id,is_current,item_number,
      locked_by_id,major_rev,name,native_file,
      state,thumbnail,viewable_file'>
    <Relationships>
      <Item type='CAD Structure'
        select='classification,config_id,external_id,
          external_owner,external_type,generation,
          id,is_current,major_rev,
          related_id,source_id'
        repeatProp='related_id' repeatTimes='0' />
      <Item type='CAD File' select='id, related_id'>
        <related_id>
          <Item type='File' select='id, filename' >
            <Relationships>
              <Item type='Located'
                select='file_version,
                  related_id(id, vault_url)' />
            </Relationships>
          </Item>
        </related_id>
      </Item>
    </Relationships>
  </Item>
</AML>
```

Yes	020326	Fixed issue where clicking on the vertical scroll of a grid causes horizontal scroll reset to original position.
Yes	020393	Fixed issue where main grid will fail to load when selecting an ItemType in the TOC
Yes	020505	Enhanced the Parameters grid to allow the use of the Filtered List data type