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Item Folders

Add-on-Solution Package v1-6

General Overview –" Item Folders "

- Adds handling of multi-level Folder structures. (new Item Types, see data model). On top of Aras Solutions "Product Engineering" & "Program Management"
- Each Folder can list simple attachments (files) or controlled (related) Items. like "Documents", or "CAD", or "Parts" (Poly Item List).
- It uses the new (9.3) team access features. Folder structure will be accessible to team members only.
- Auto copies the team access to folder structure (down). As new sub folders get added.
- "Folder Navigator": Multi-level tree grid listing folder structure and folder controlled items to navigate to.

Loads next levels on grid on demand (by reading next levels on expand event of a node, for better performance with large structures).

- Drag-and-Drop of local Files onto folder rows in "Folder Navigator". (top item and folder to add to must be locked by user for this action)
- Lock / Unlock actions and actions to add File or Controlled Item from inside "Folder Navigator"
- Create Folder Structures from Folder Templates. Template rules on controlled items to either "Reference" or "Copy" the item for template to new structrure. Attached files can also be "Reference" or "Copy" (default = "Copy")

What's new in this version

V1-6

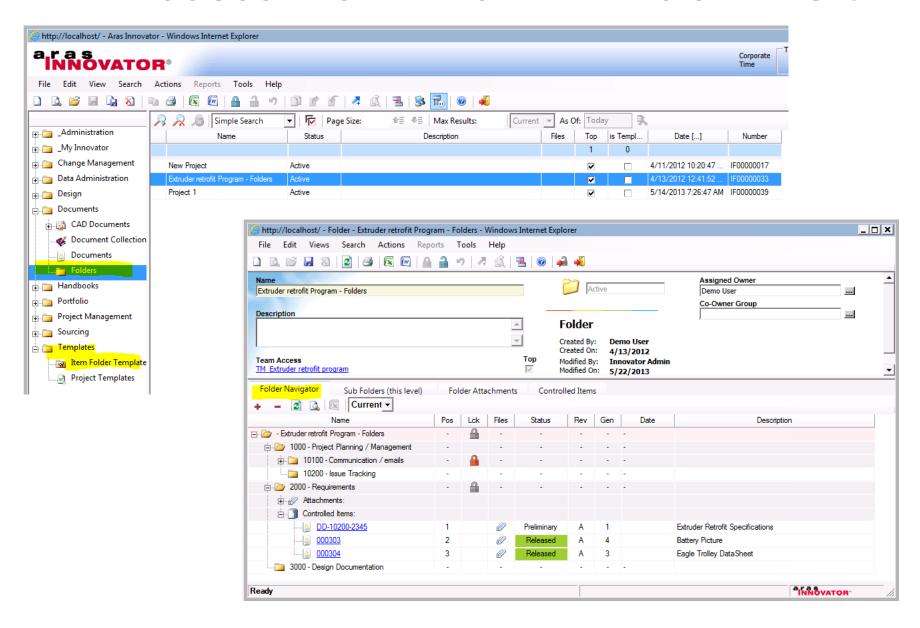
- ✓ Made folder files and controlled item numbers show as link.
- ✓ Common grid handler (utiltities) improvements
- ✓ Added phantom rows for grouping Attachment
- ✓ Added context menu actions on folder grid (if top folder parent item is locked)
 - Lock, Unlock
 - Add Folder Attachment
 - Add Folder Controlled Item
- ✓ Added drag-n-drop for one or more local files onto folder grid ('Folder rows', if locked)
- ✓ Added is shared icon display on folder grid for shared files
- ✓ Added effectivity modes and filter drop down on folder grid for "current" and "latest released" view of controlled items
- ✓ Folder Templates: Added null relationship to register methods for auto numbers of folder controlled items (poly item).
- ✓ Copy from Folder Templates: Improved logic for "Reference" or "Copy" option on relationships to Controlled Items. Files of documents are now physically copied in vault.
- ✓ Updated grid html field and logic to adjust and prepare for easier upgrade to Innovator 10 (TreeGridContainer)

Version History

Versions:

- **V1-0** Initial packaging of various packages (dependency to PLM Common Utilities)
- **V1-3** improvements to Grid display. More error handling
- V1-4 (Dependency to Common Utilities (formerly named PLM Common Utilities) improvements to launching documents from grid. Also tested on IE9. Grid Icons indicating attachments. (must new copy .gif files to code tree) links top folders to standard Program and Projects Item Types.
- **V1-5** Minor improvements on folder tree grid. Show Controlled Items before sub folders.

Access from Main Window TOC

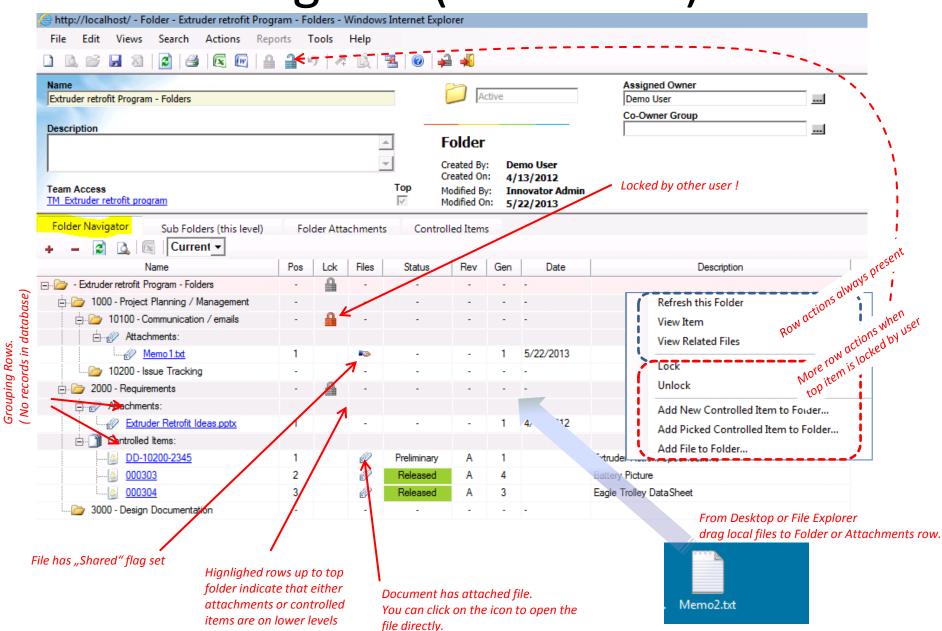


Installation

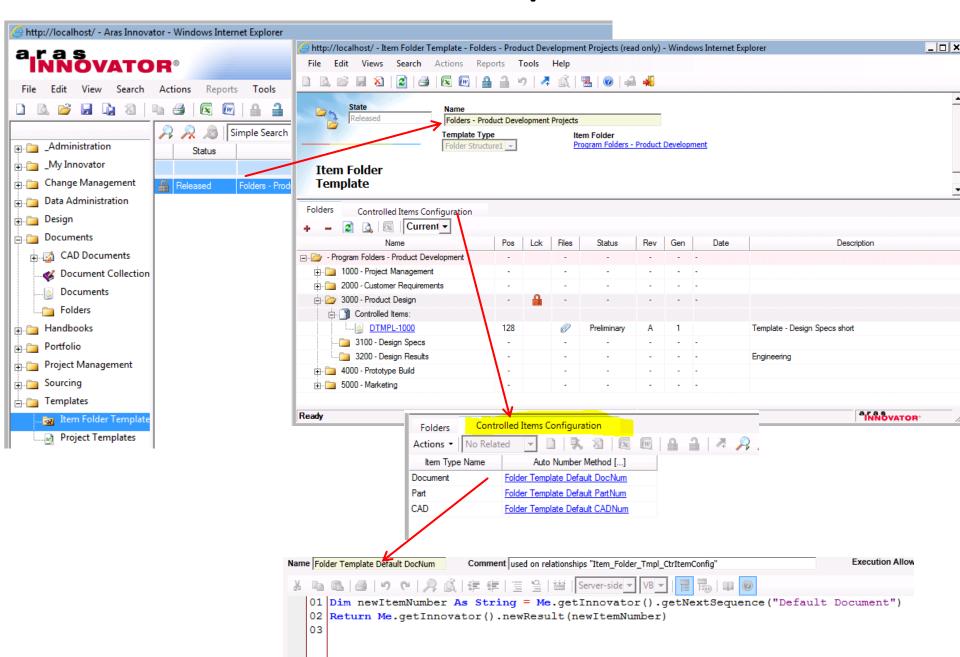
- Use the PackageImportExportUtilities to import the package "Item Folders vX-x"
- Extract package to directory accessible to the packaging import tool.
- Read the "READ_ME.txt" file provided in zip-package to follow installation step-by-step.

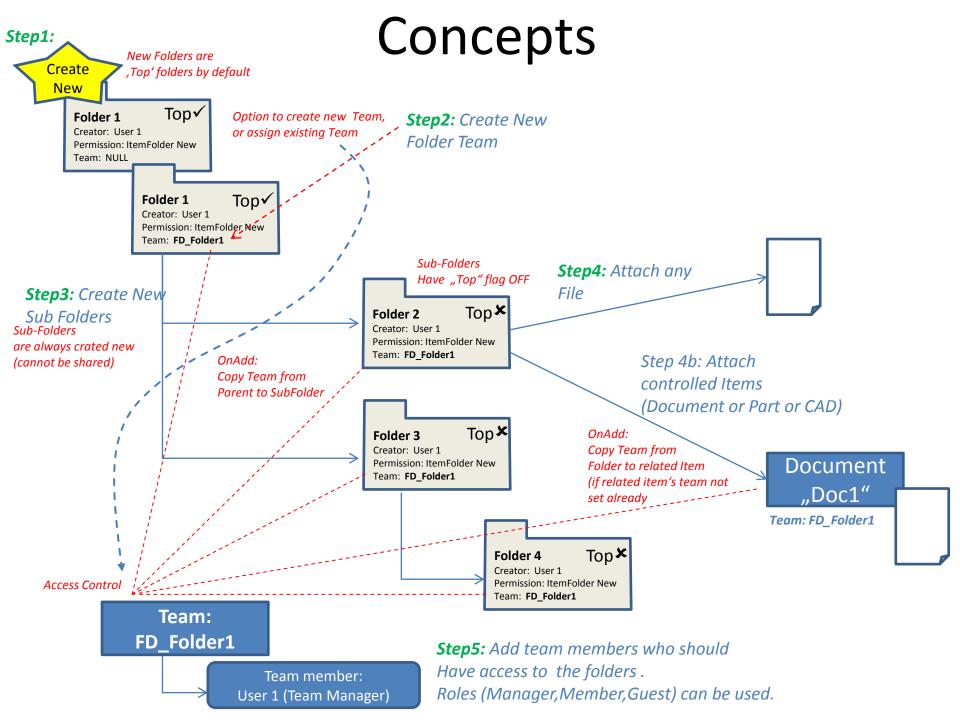
→ You MUST use the "Merge" option.

Folder Navigator (enhanced)

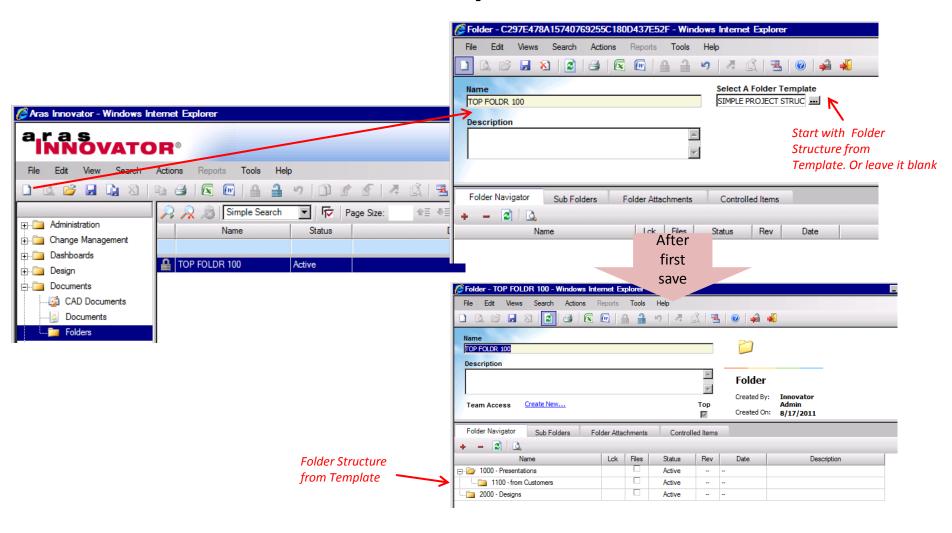


Folder Templates

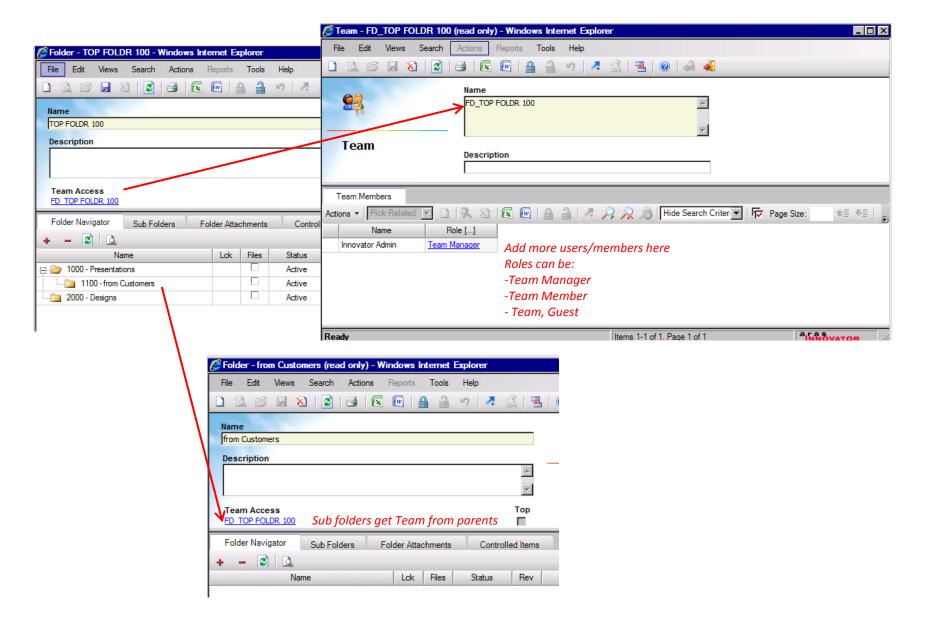




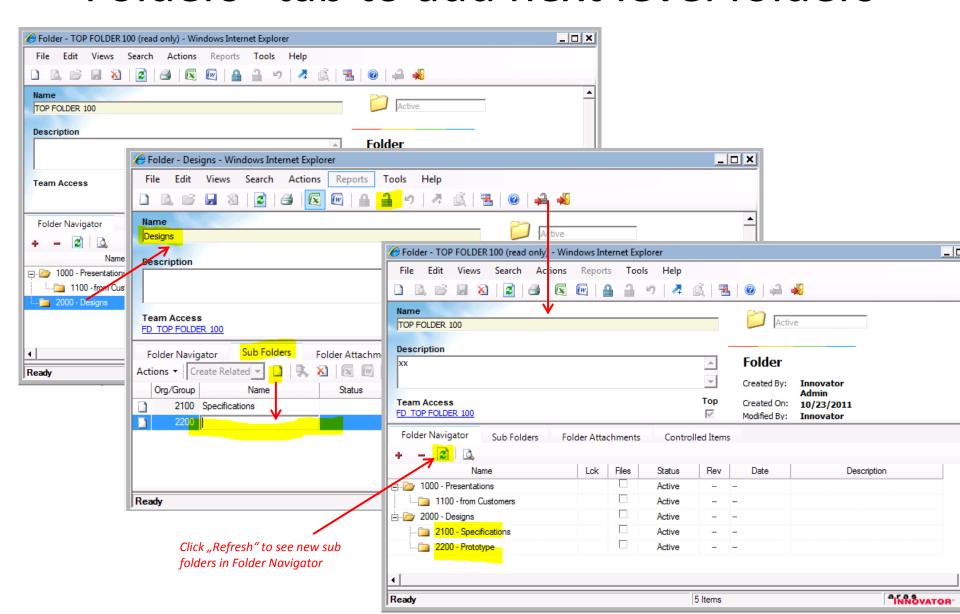
New Top Folder



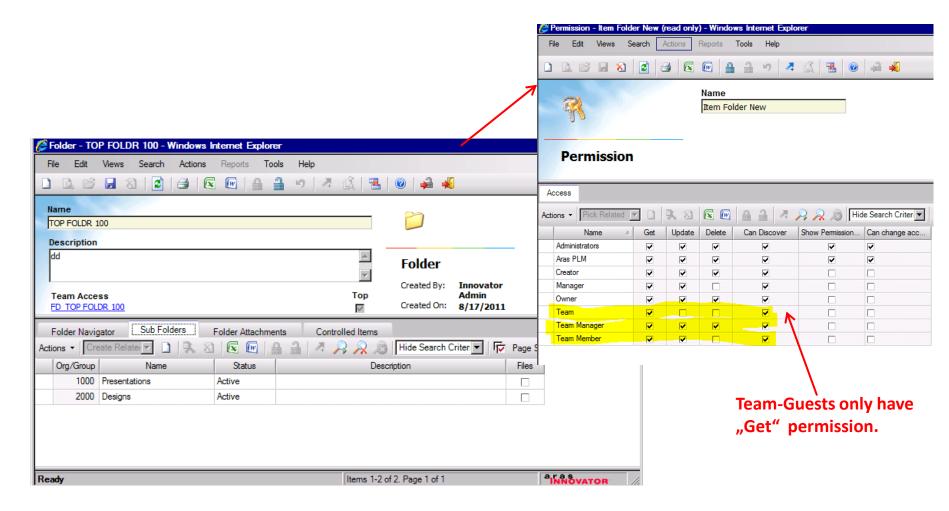
Folder assigned Teams



Open/View "Folder" and use "Sub Folders" tab to add next level folders



Folder Permissions Controlling the Team Access



You can use the Folder Stucture (Navigator) with other Item Types (as Root Items)

Included Examples: Add a link to Folder Structures from Program and Project items.

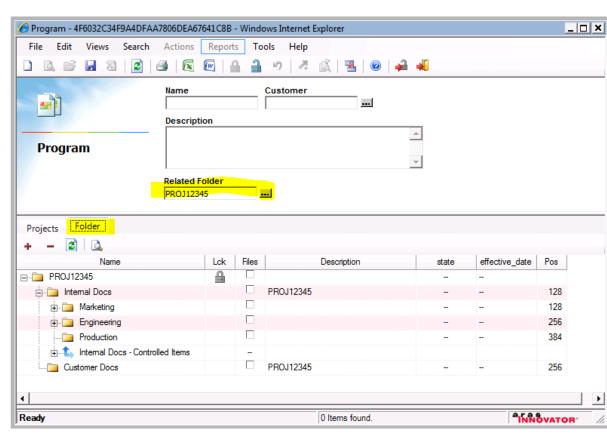
New Property: "top_item_folder_id" is required on these items.

Then, add new "non related" realtionship i.e. to Program: "Program Folders"
On this realtionship set GridView to Form: "Item Folder Structure Grid"

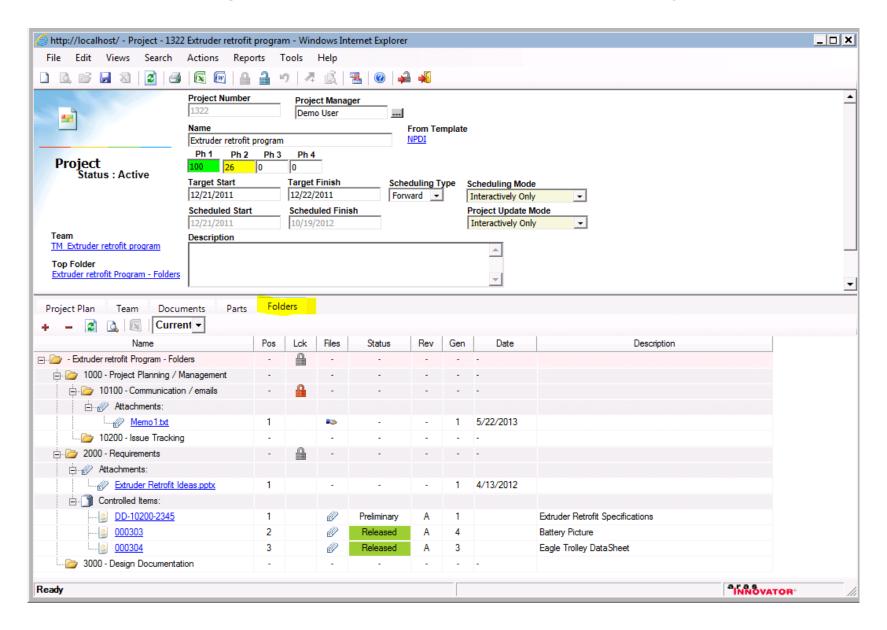
Edit method:

" Item Folder Struct Grid Handler" and add logic for root item types to the switch statement of function " initGlobalVariables"

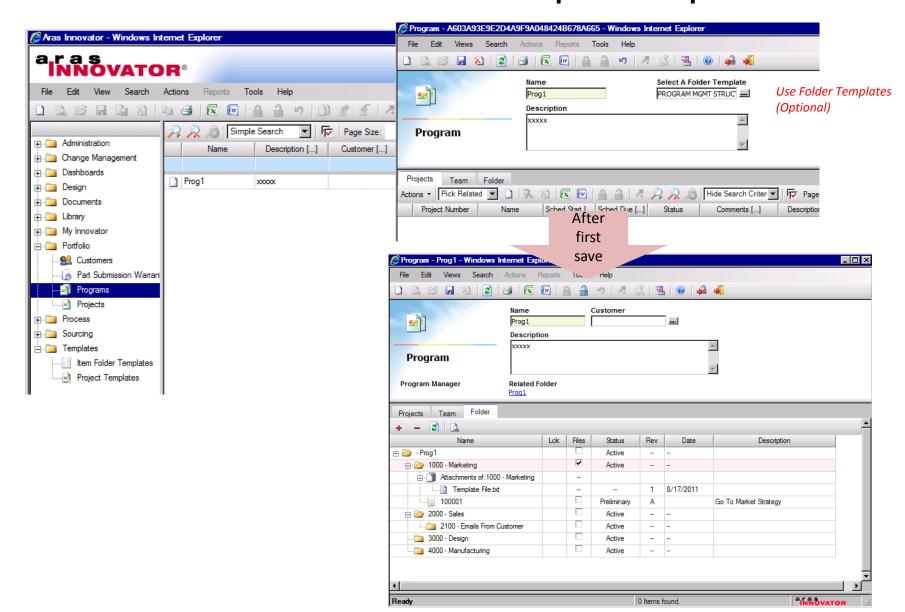




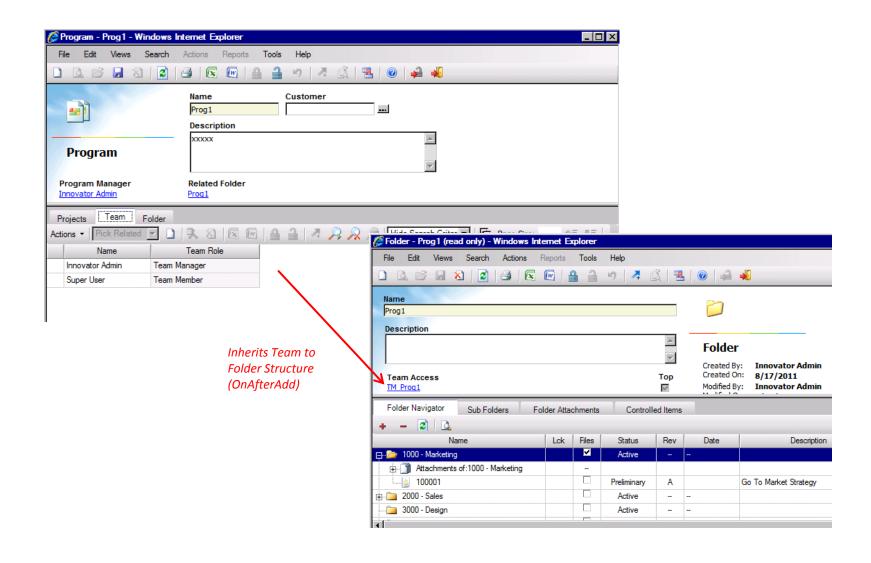
Projects Folders Example



New Program with Folder Stucture and Create from Folder Template option



Program Team Tab



Data Model

