PL11319 - Evolve with Vault: What's New in Vault 2016

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Class summary

Vault software has had some major enhancements in the last year, especially in areas such as Items and Bill of Materials, Inventor Integration, Copy Design, and more. This class will give you an overview of some of these enhancements. Please note that in this class we will be going over some of the features that were introduced in Vault 2015 R2 software as these features are significant contributors to the evolution of Vault software.



Key learning objectives

At the end of this class, you will be able to:

- Learn about changes in Item and BOM area
- Learn about support Inventor's AnyCAD support
- Learn about changes in Copy Design
- Learn about Rollback Lifecycle State Change for Files
- Learn about other changes in the product



New to Vault?



Recommended Classes

- PL11424 An Introduction to Vault
 - Tuesday, 3:00PM 4:00PM (Adam & Mikel)



Item & BOM Changes



New to Items?



Recommended Classes

- PL11224 Moving from Files to Items in Vault Part 1
 - Tuesday, 5:00PM 6:00PM (Bill & Andy)
- PL11458 Moving from Files to Items in Vault Part 2
 - Wednesday, 1:00PM 2:00PM (Andy & Bill)



Lifecycles

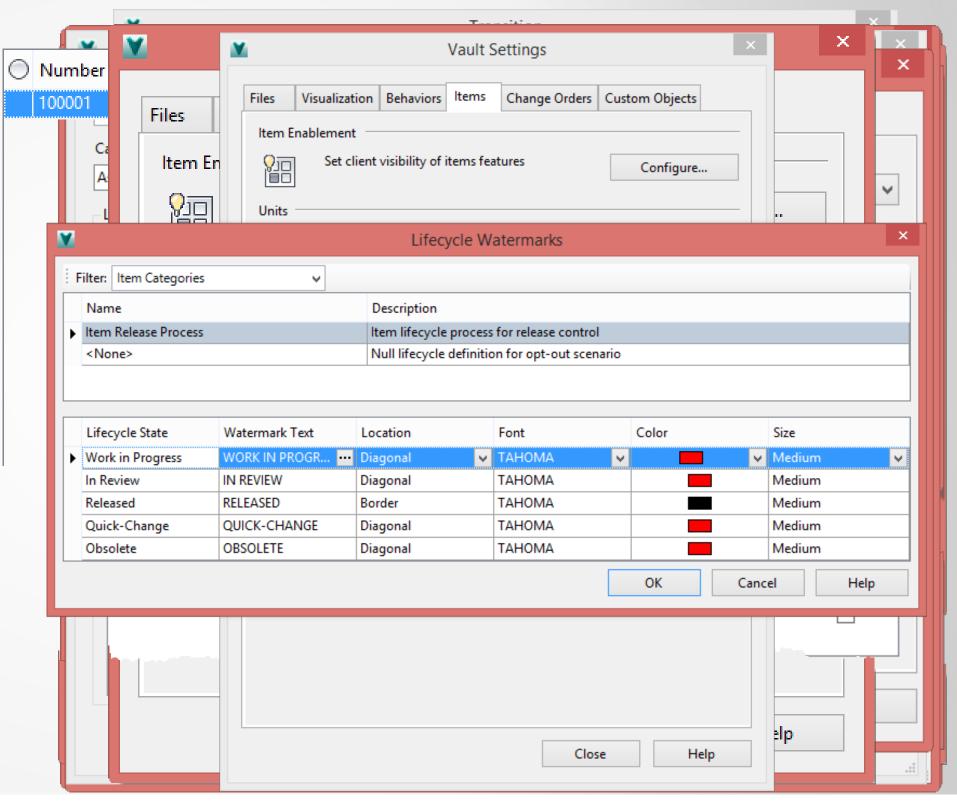
- Flexible
- Unified administrative interface
- Unified end-user interface





Lifecycles – Administration

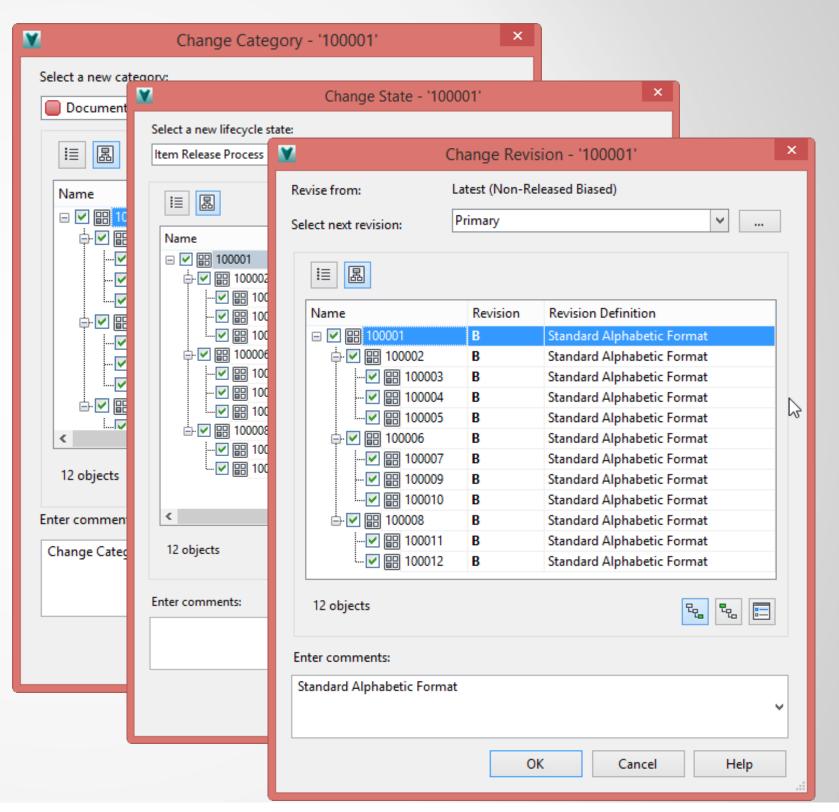
- Configure Categories
- Define Lifecycles
 - Transition criteria based on Item properties
 - Transition actions that are specific to items
 - State-based security
 - For items
 - For associated files
- Security override
- Watermarking





Lifecycles – End-user

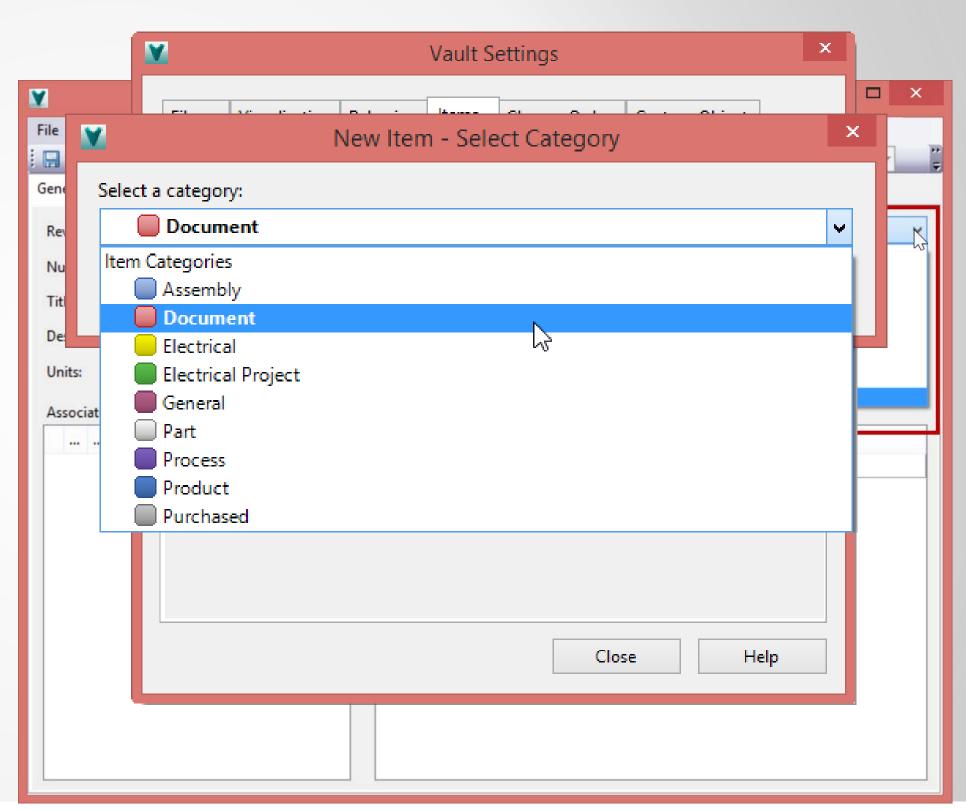
- Change operations
 - Change Category
 - Change State
 - Change Revision





Category for new item

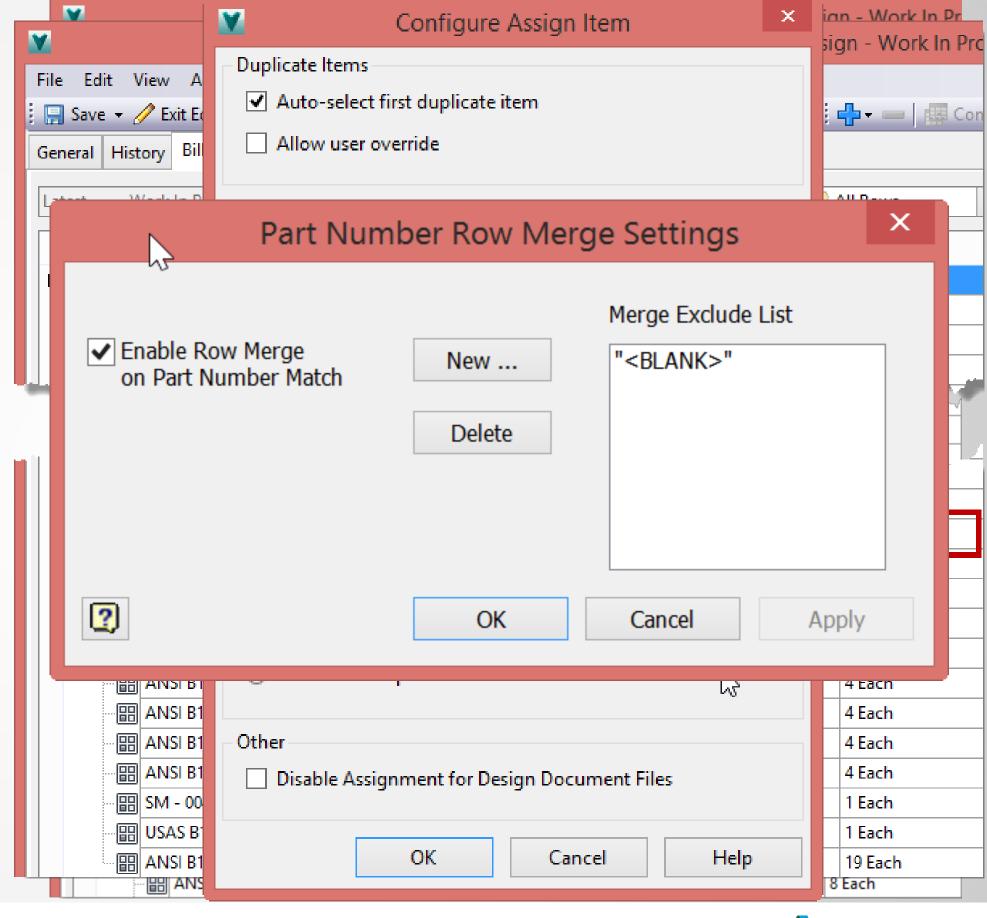
- No longer as a property change on item dialog
- Must be specified during creation
- Administrative control





Multiple BOM Rows

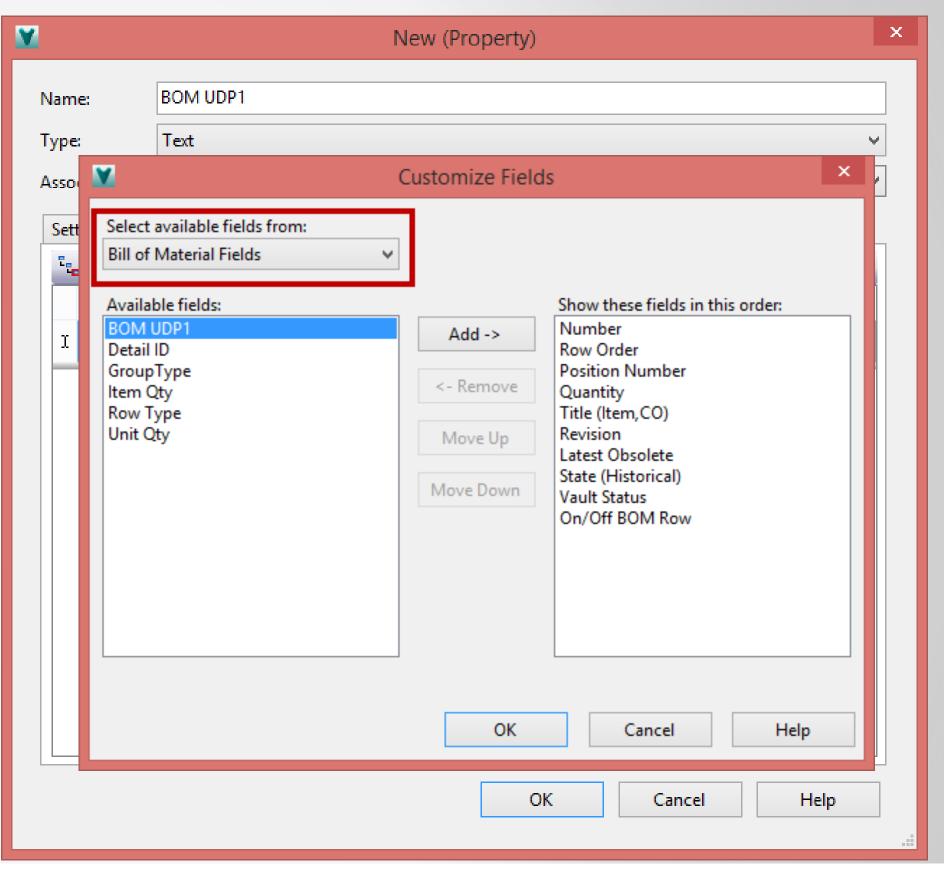
- Rows are grouped by default
- Administrative control
 - Based on BOM in CAD
- Assign item will follow rules





BOM Row Properties

- New association type
- Read-mappings only
- Available for viewing and editing in BOM girds

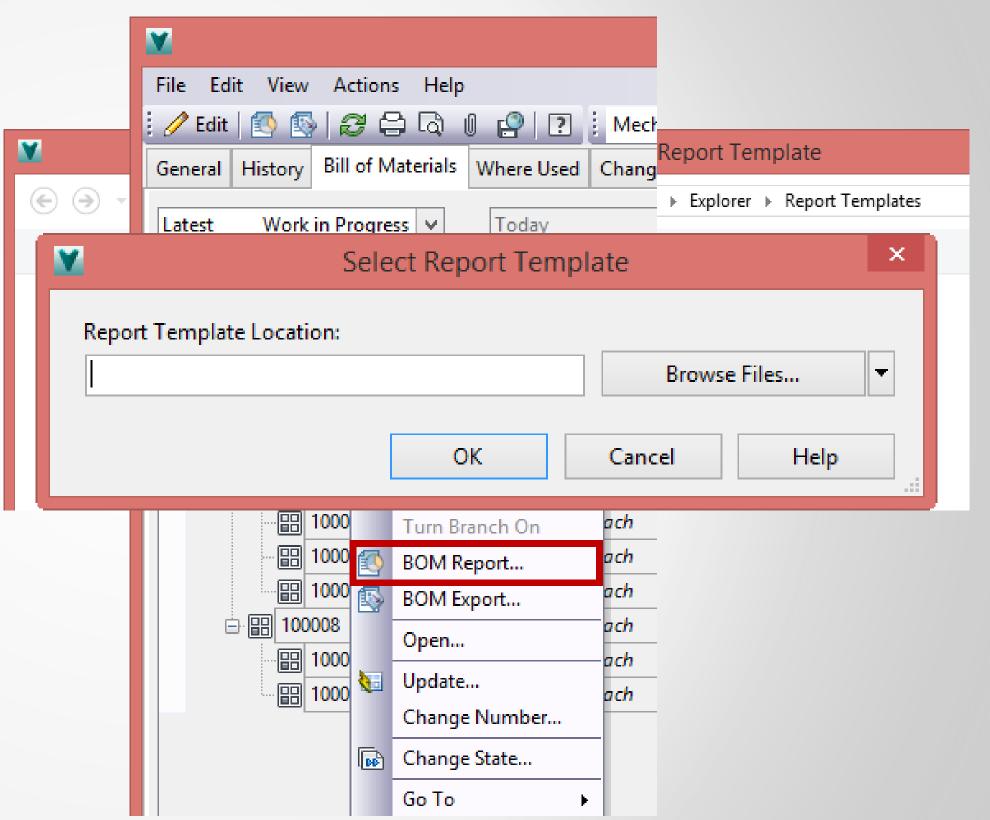




BOM Reports

New command in BOM tab

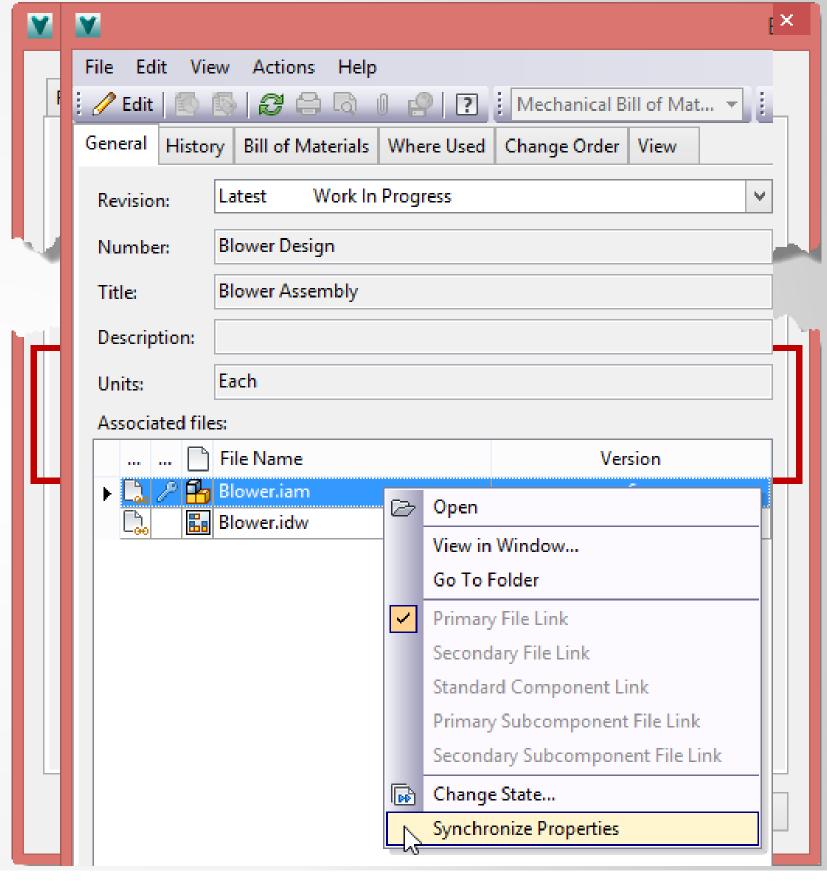
- Item must be read-only
- 3 default templates
- Customizable





Item property write-back

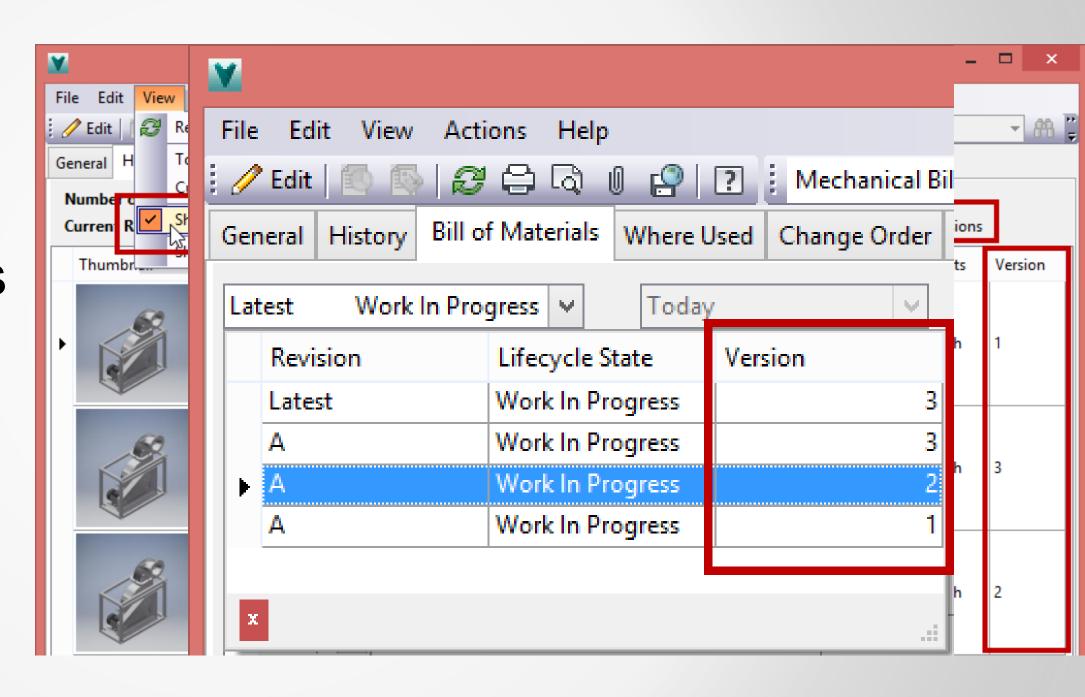
- Extended to Vault Explorer
- Extended to Tertiary links
- Configurable
 - Applies to Vault Explorer and Add-Ins





Item Versions

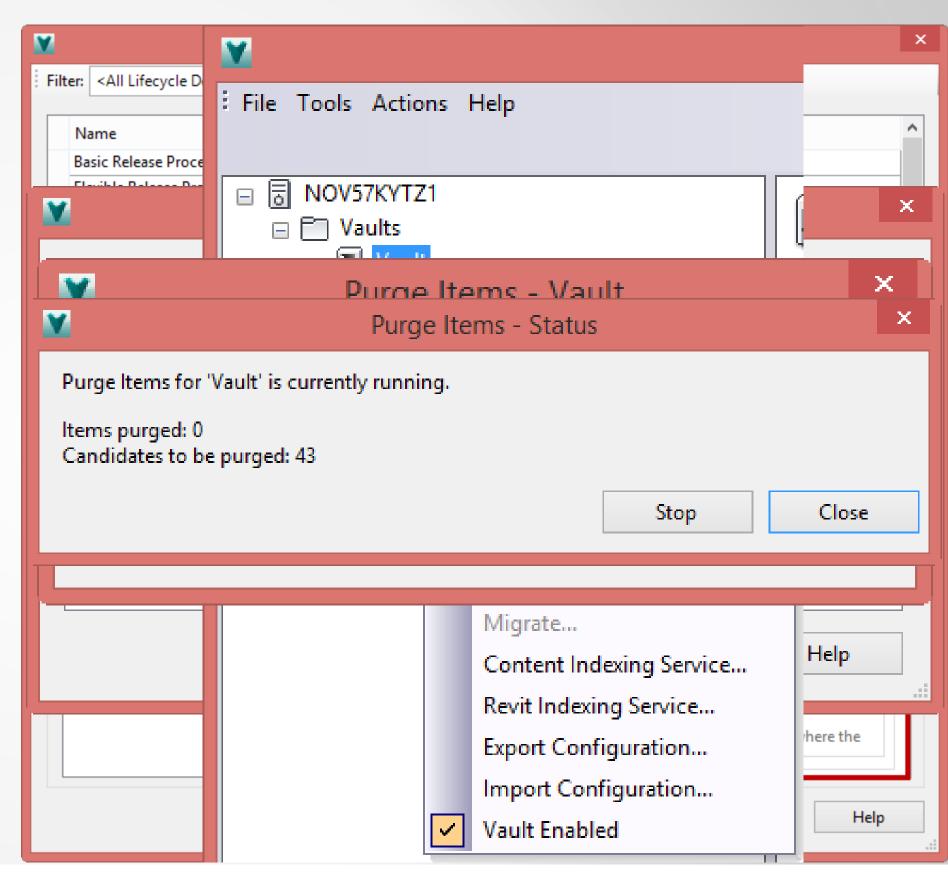
- Version as an item property
- Available as an option for item grids
- Option to show all versions
- Available by default on Revision dropdown for items





Purge

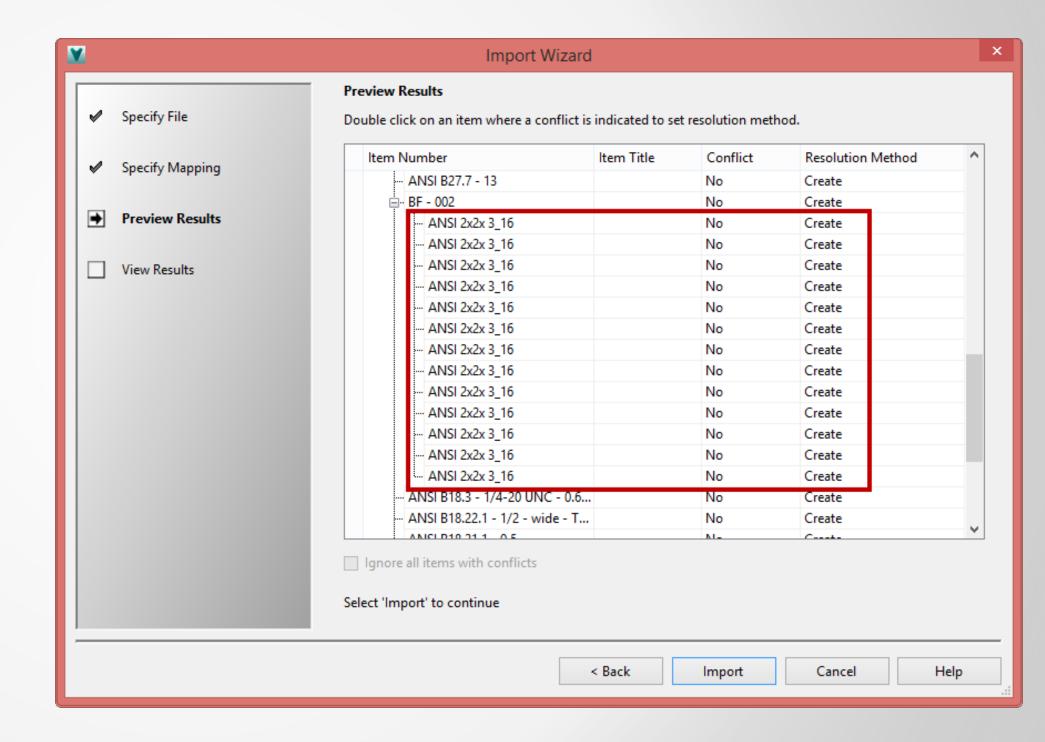
- Controlled by Control-bit settings
- Purge based on selection-set from Vault Explorer
- Purge across vault from ADMS Console





Import Items

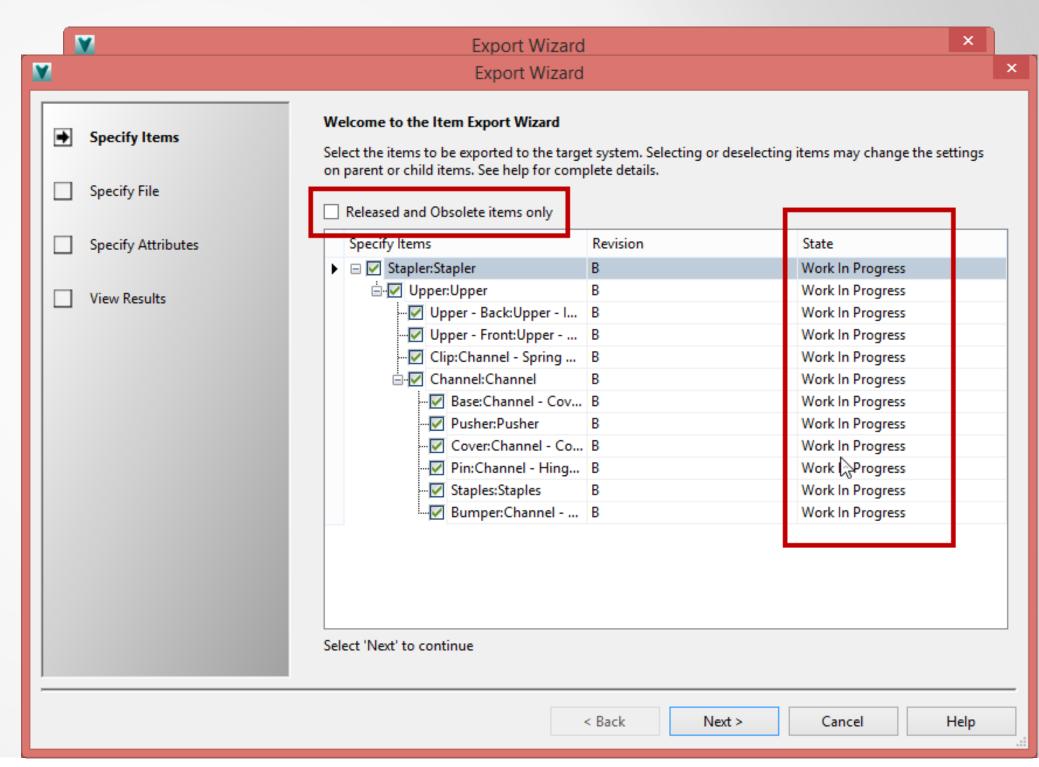
- Updated for Lifecycle changes
- Based on Category
- If not specified, default Category will be used
- Support for Groups and multiple BOM rows





Export Items

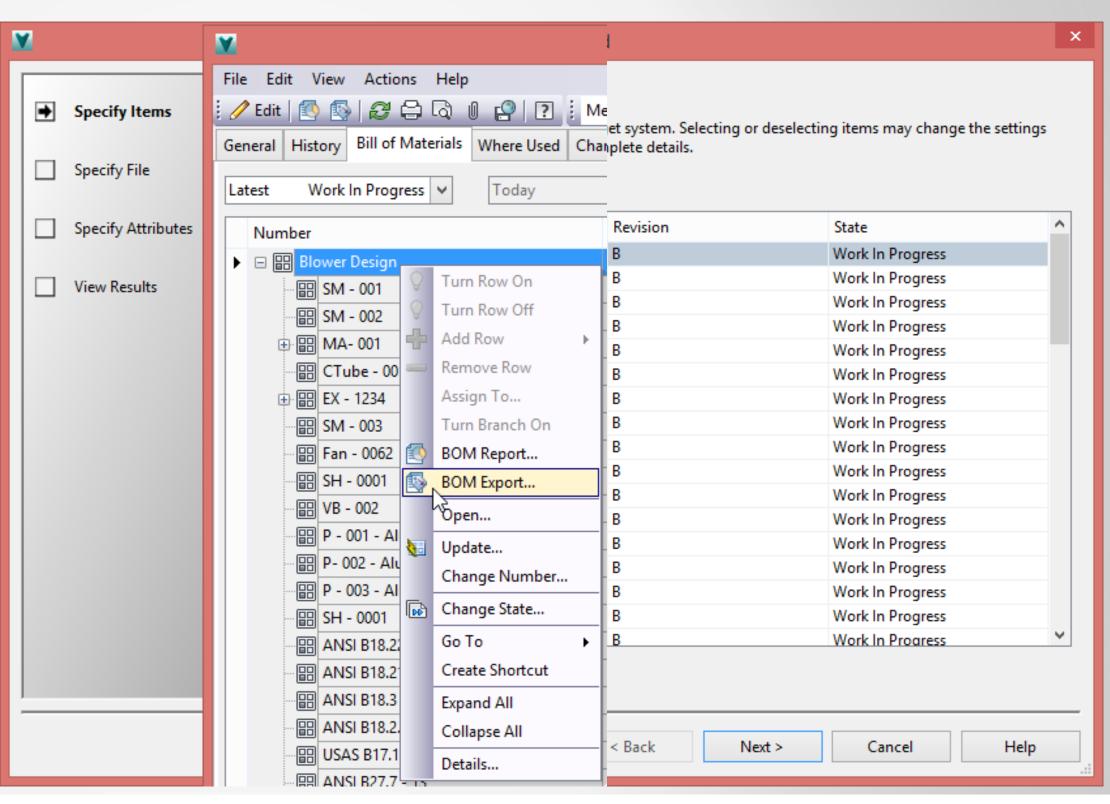
- Updated for Lifecycle changes
- On rows only
- Released and Obsolete only as default
- Support for non-Released items
- Support for Multiple
 BOM Rows
- Support for BOM Row UDPs





BOM Export

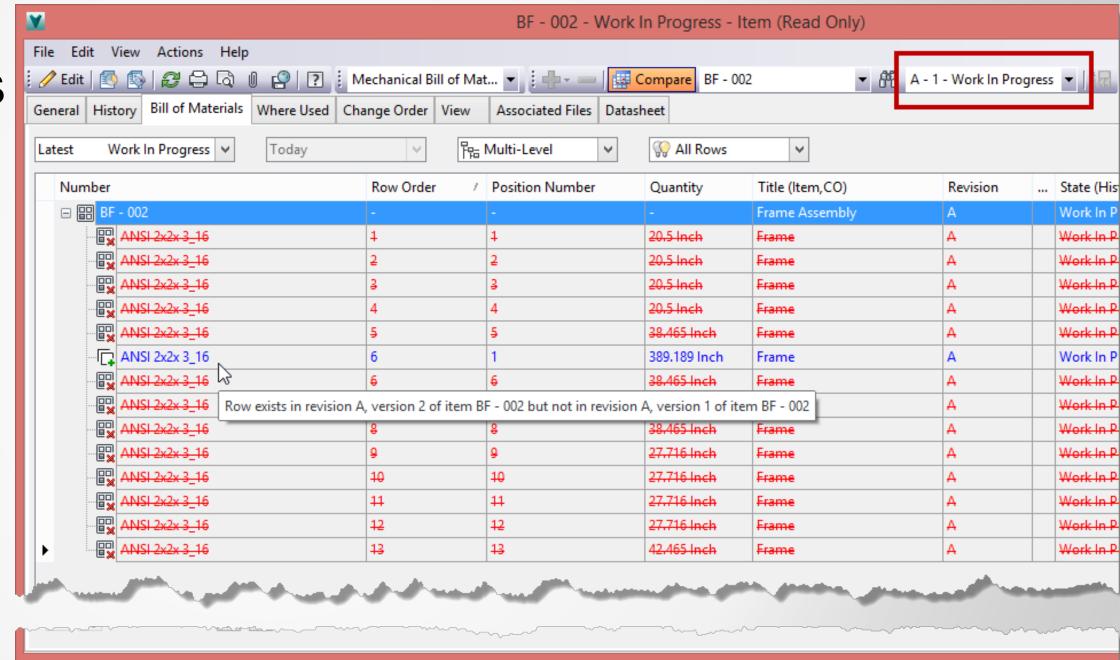
- New command
- Available only on BOM tab
- Available for readonly items
- Exports the BOM regardless of state of the items





BOM Compare

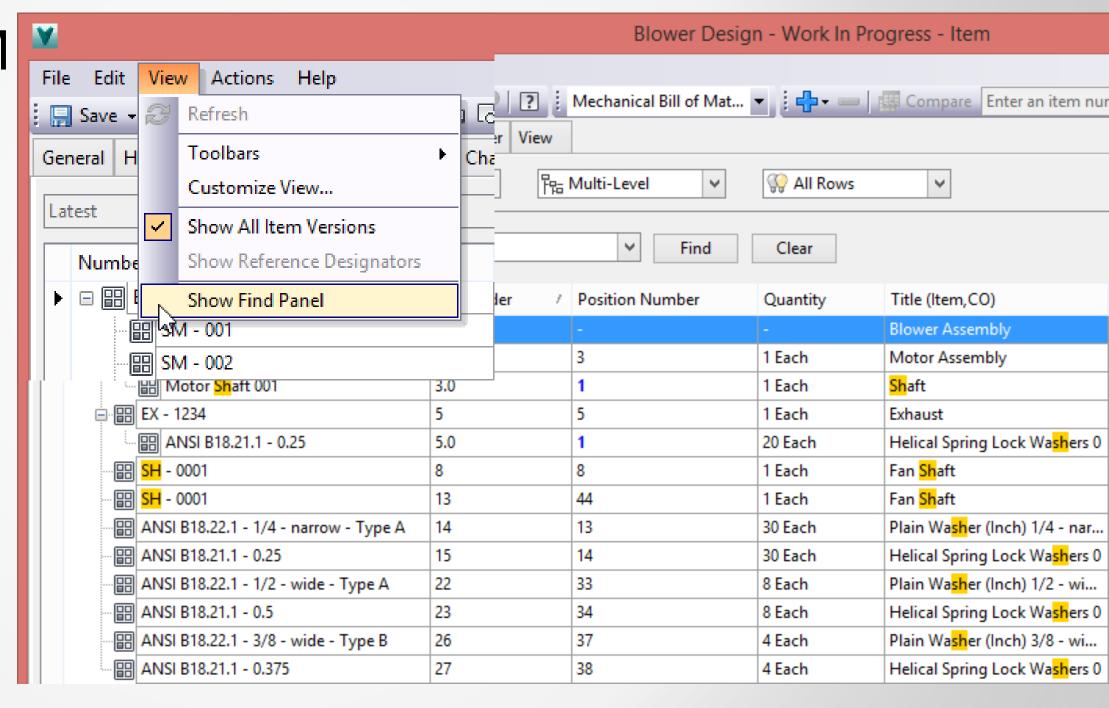
- Supports Versions
- Supports Groups and Multiple BOM rows
- Supports BOM Row properties





BOM Search

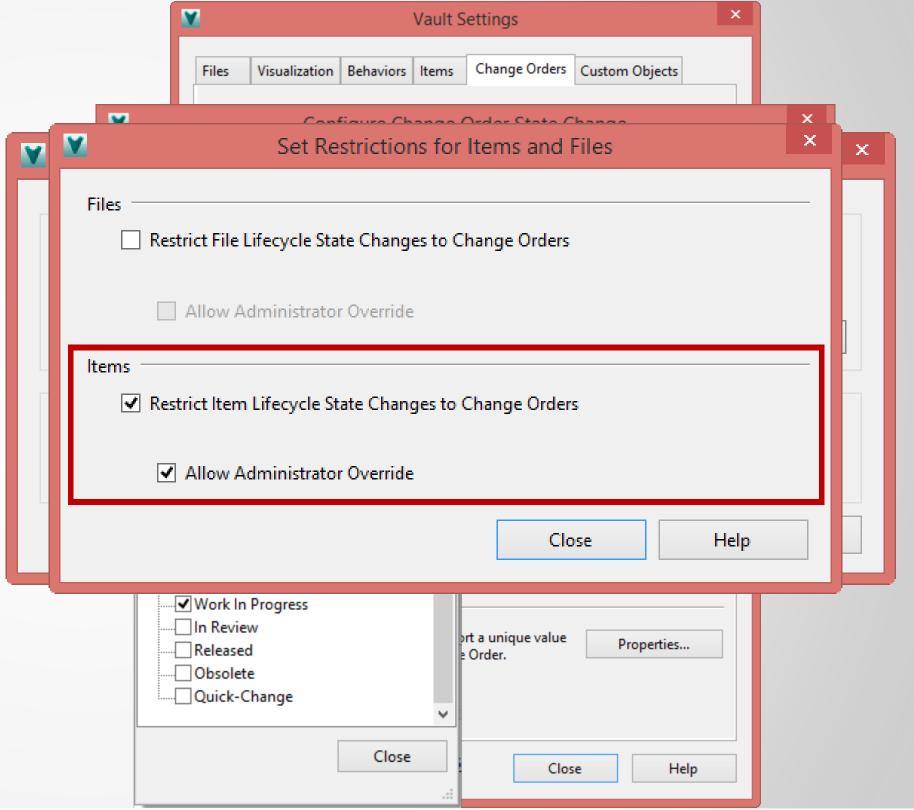
- Find Panel in BOM views
- Also available in Uses and Where Used tabs





Settings for Change Orders

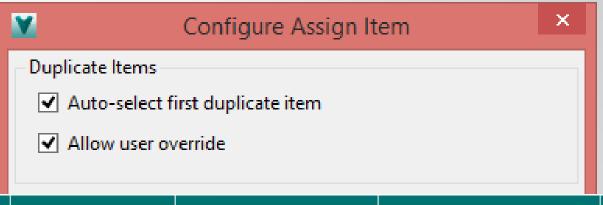
- Restrict Lifecycle state changes of files and items to ECOs
- Restrict ECO state change based on the lifecycle state of file and item records





Subcomponent Links

- Subcomponents links instead of Standard Component links
- Configurable



Link Type	Read Properties?	Write-back Properties?	Create the Link Automatically?	Update Item?
Standard Component	No	Yes	Yes	No
Primary Subcomponent	Yes	Yes#	Flexibility: Yes/No	Yes
Secondary Subcomponent	No	Yes#		No
	Group BOM rows as per the design BOM			
	— Subcomponent Li Type of link to be Update Item:			

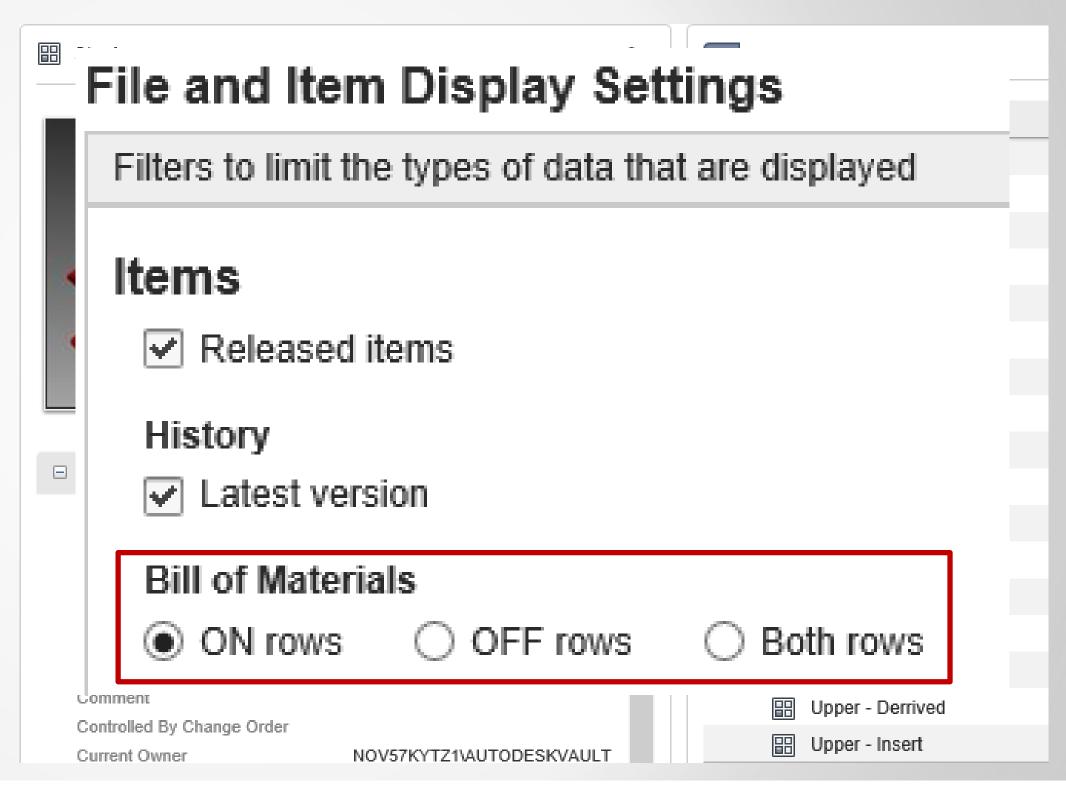


Thin Client Changes



On/Off Rows

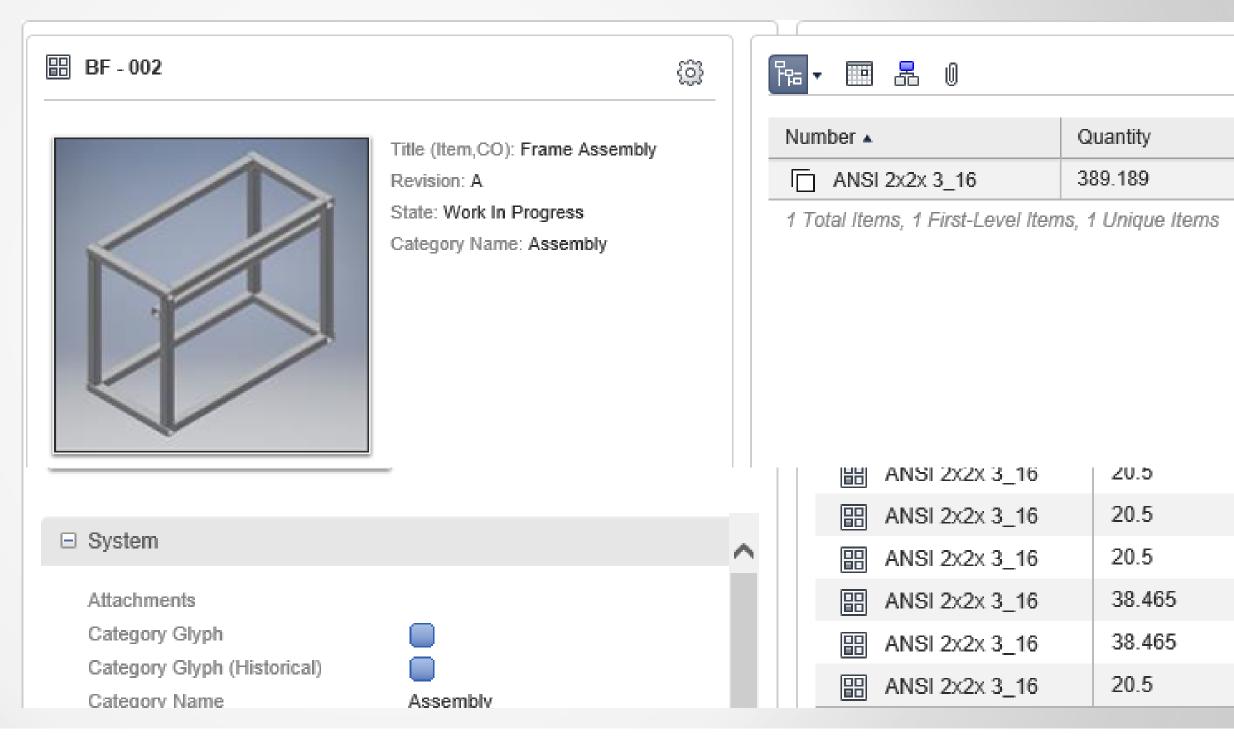
- On rows only by default
- Configurable





Groups and Multiple BOM Rows

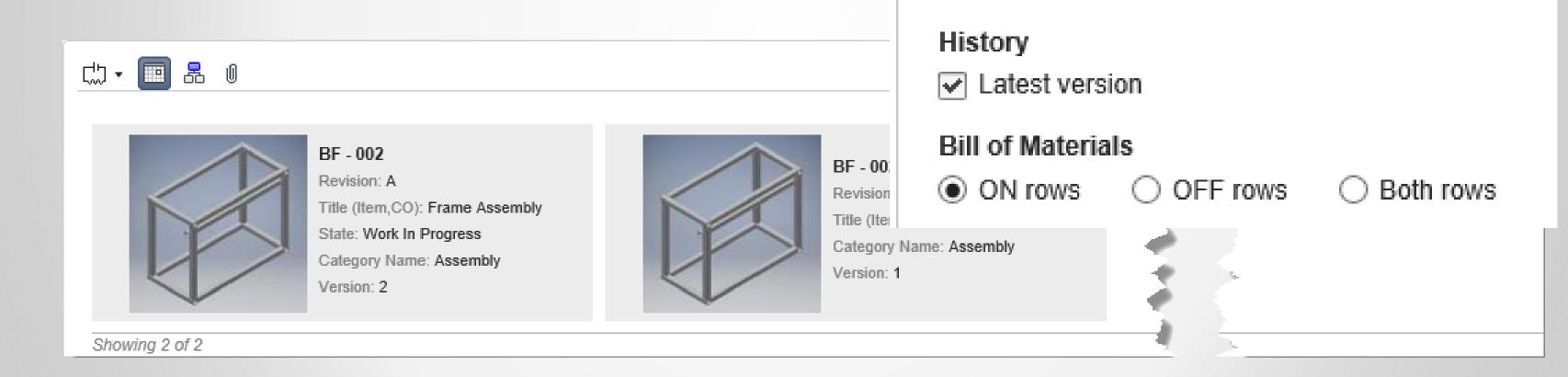
- Based on Server settings
- BOM Row properties





Item Versions

- Latest by default
- Configurable and all versions can be shown on History



File and Item Display Settings

Items

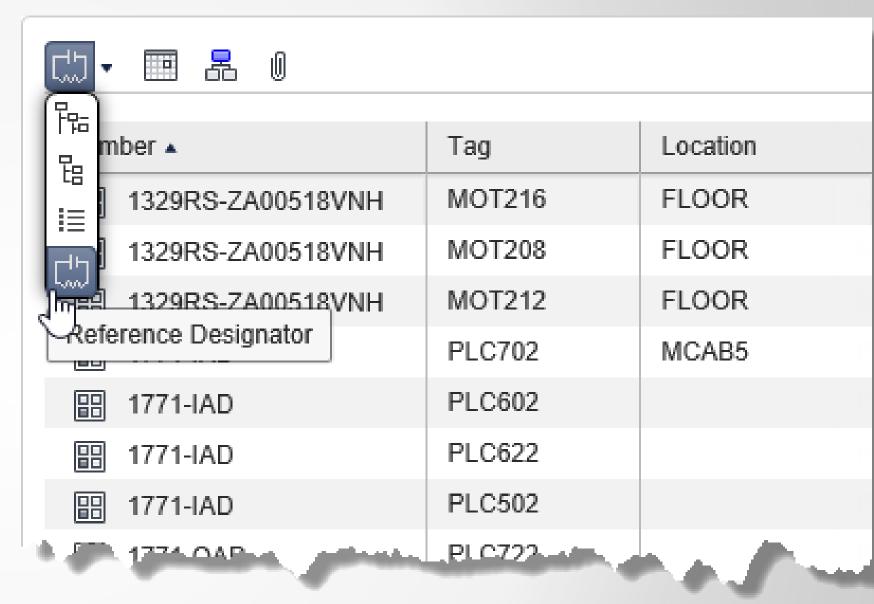
Released items

Filters to limit the types of data that are displayed



Reference Designators

 Additional view for AutoCAD Electrical BOM



⊞ 2i14vs	2110թբ	JAOI. LÉ
□ 2MR-1405	215CBL	MACHINE
□ 2MR-1405	207CBL	MACHINE



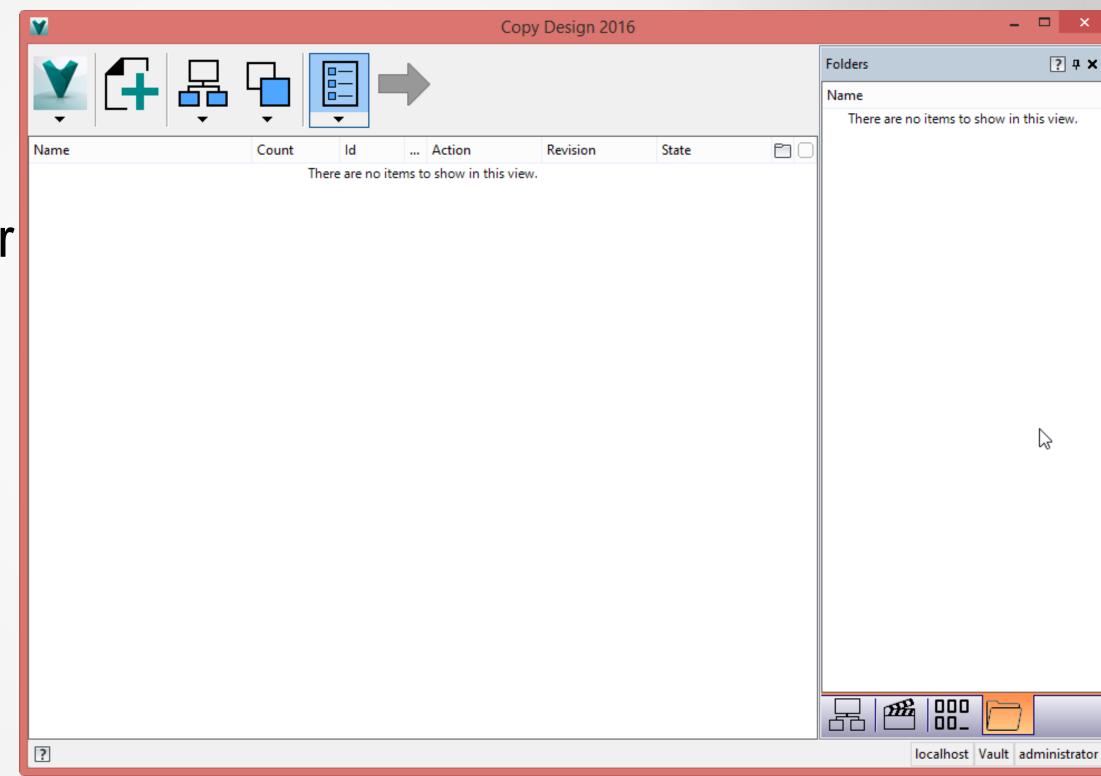


Copy Design Changes



New Interface

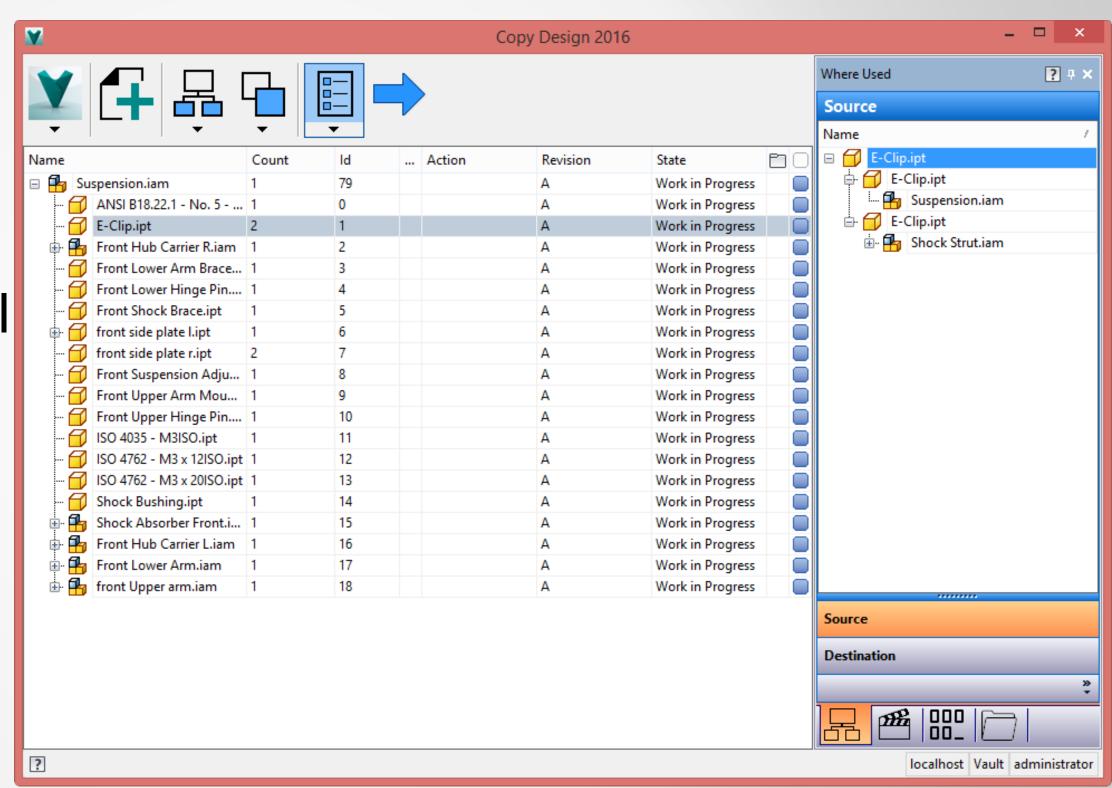
- Stand-alone app
- Installed with VE
- Launch from VE or separately
- Server-side copy





Reference-based copy

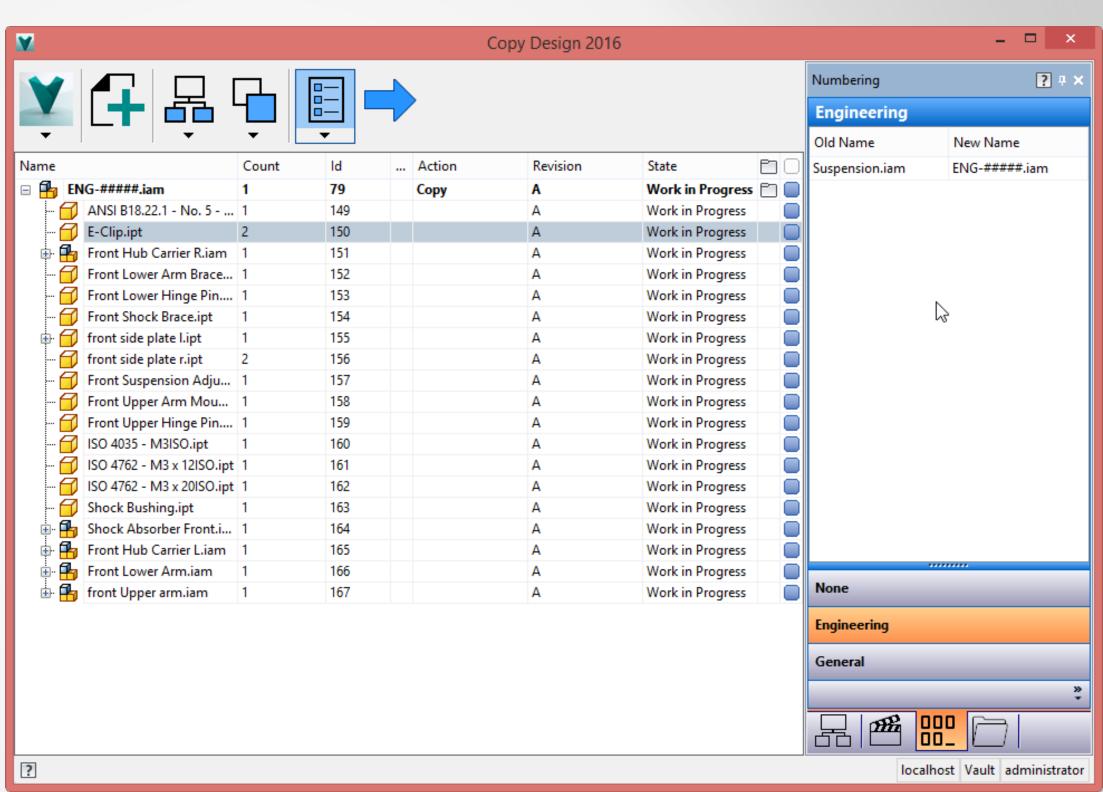
- Ability to view number of references
- Actions apply to all references by default
- Configurable so that actions apply to selected reference





Numbering schemes

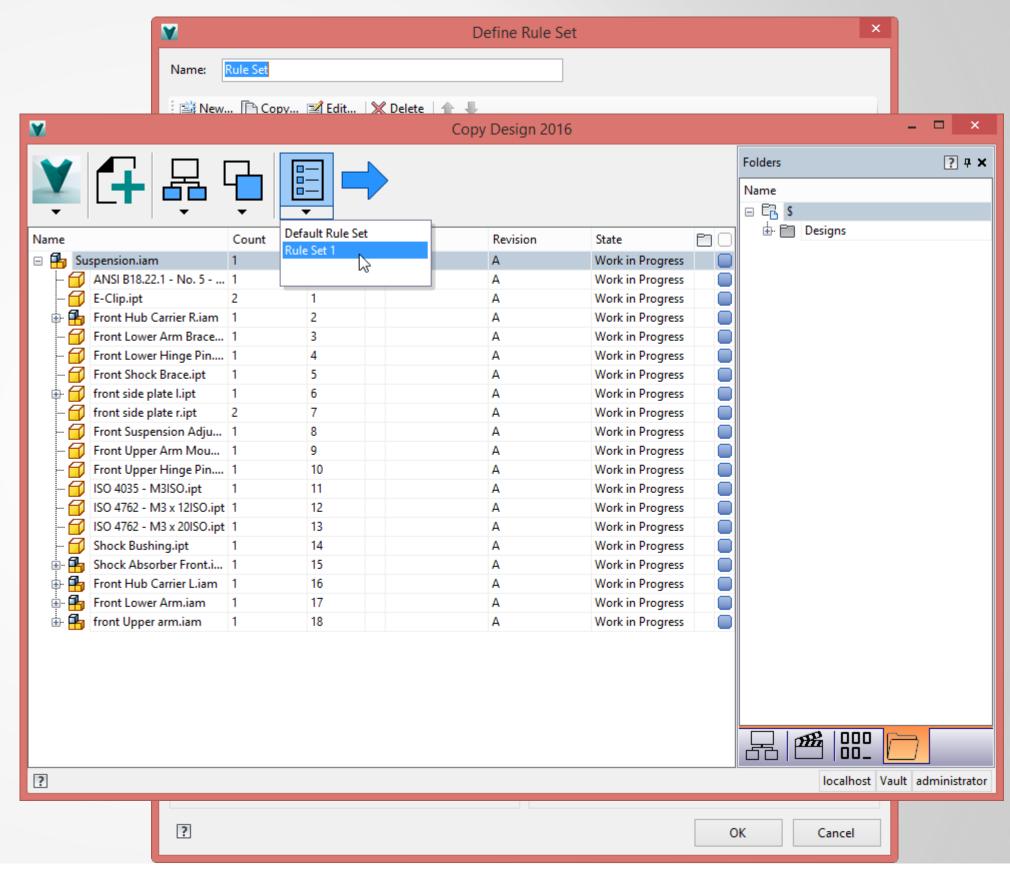
- Ability to access
 Vault numbering
 schemes
- Dedicated panel for numbering schemes





Properties

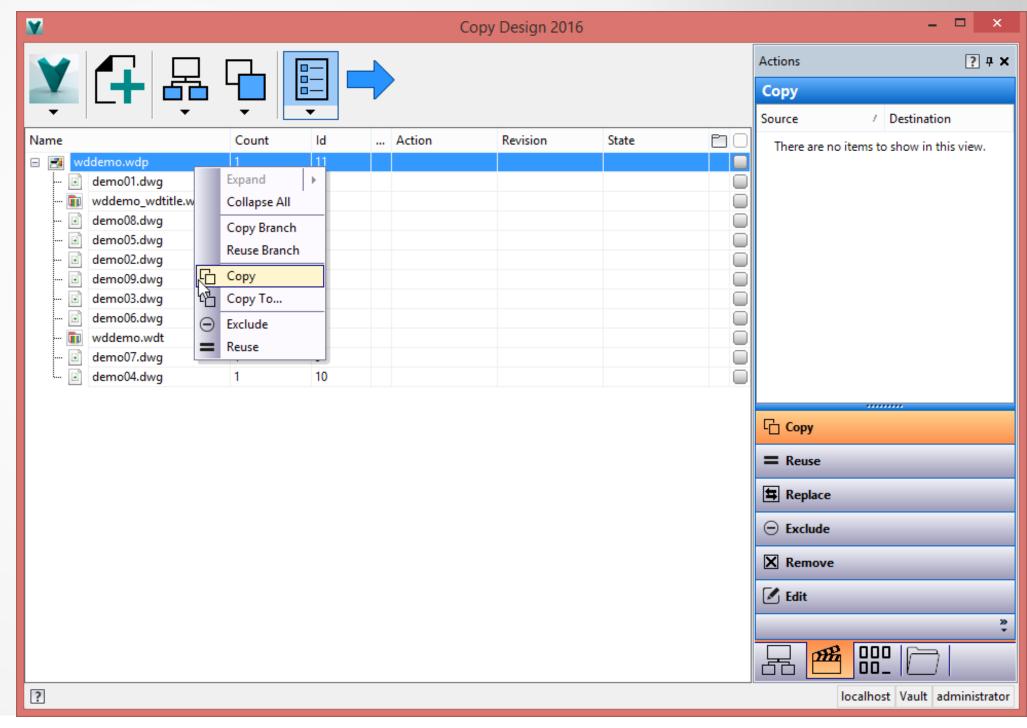
- Rules can be defined for properties
- Multiple rule sets can be defined
- A rule set can be selected to apply during copy operation





AutoCAD Electrical

- ACADE files can be copied
- ACADE files can be moved and renamed



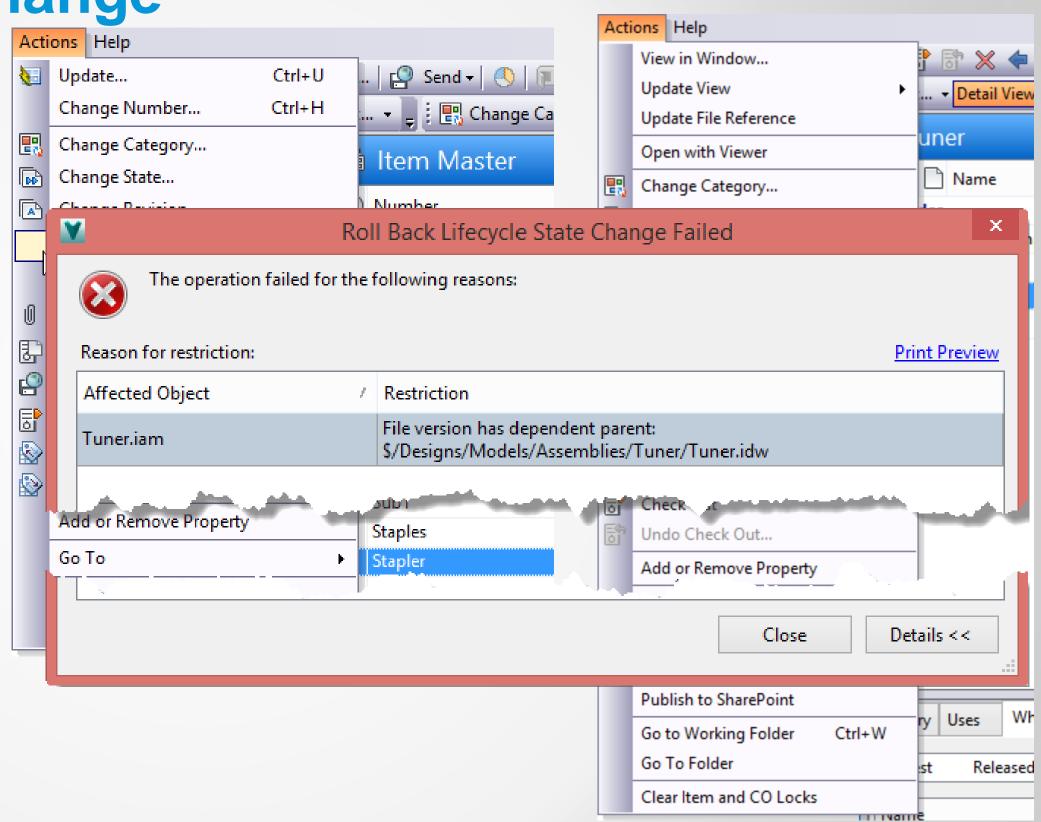


Rollback Lifecycle State Change



Rollback LC state change

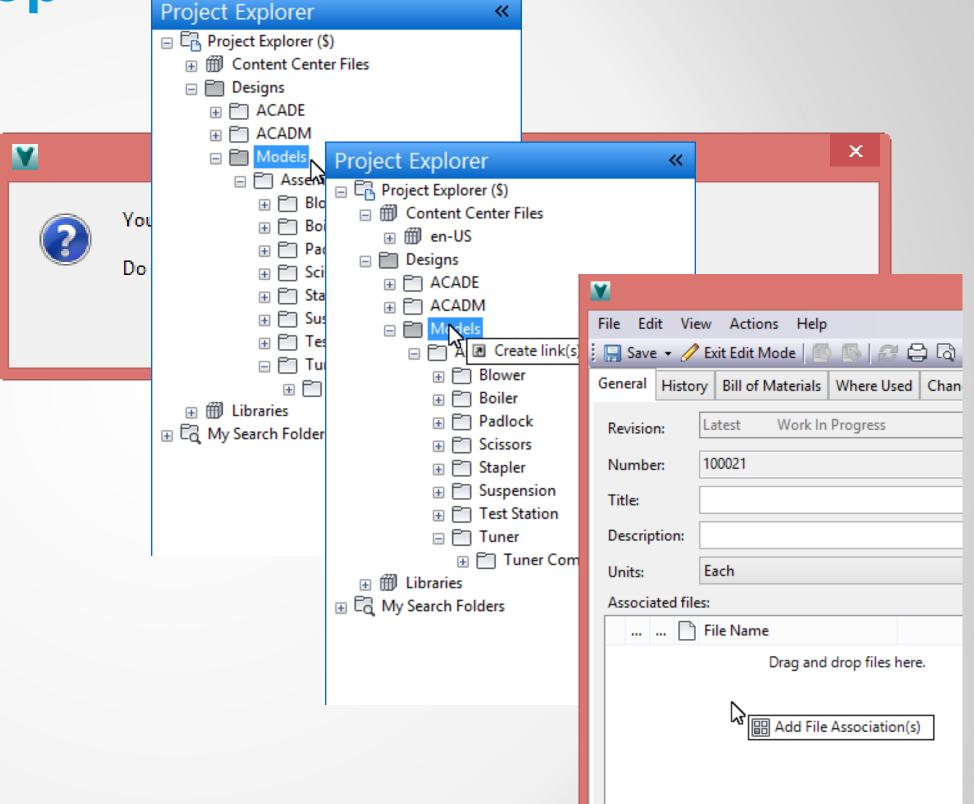
- Available for items
 - Item Editor Level 2
- Also available for files
 - Doc. Manager Level 2
- Only one file at a time can be rolled back
- Child cannot be rolled back when a parent is referencing it



Usability

Enhanced Drag & Drop

- Prompt for Move
 - Off by default
- Tooltip showing the resulting action



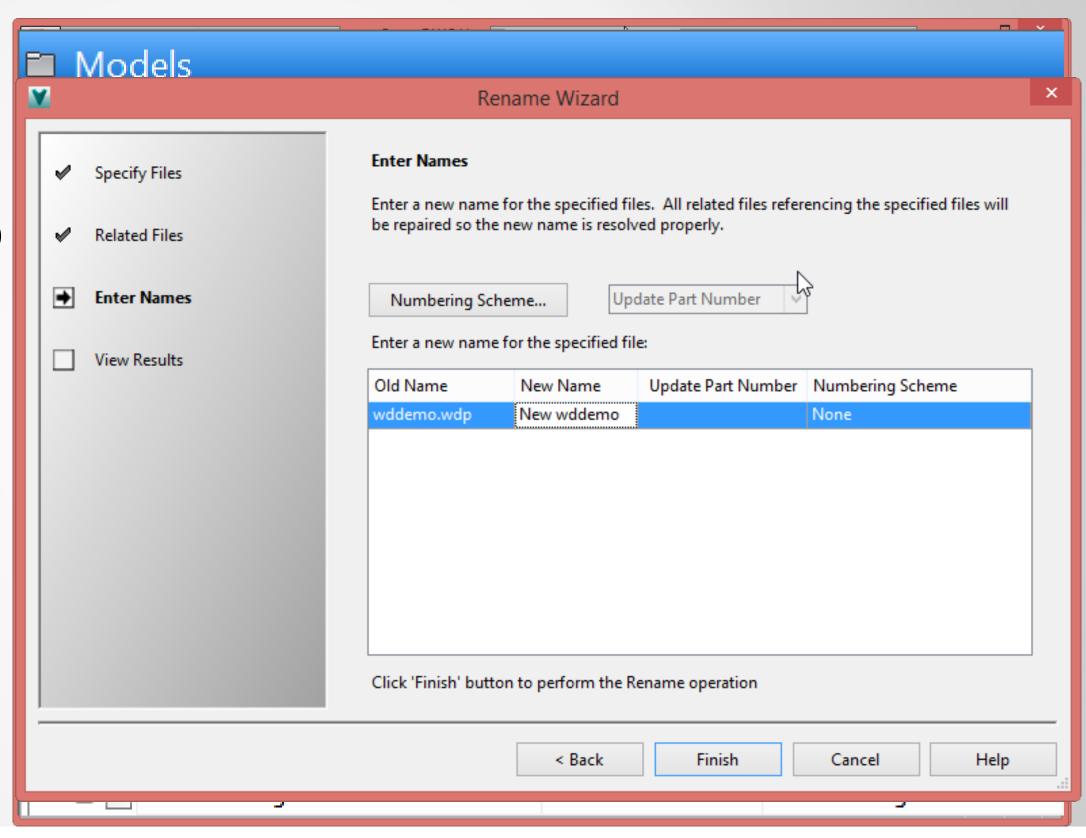


CAD Integrations



CAD Integration

- Inventor
 - Support for AnyCAD
 - AutoCAD Drawing Underlay
- ACADE
 - Move & Rename



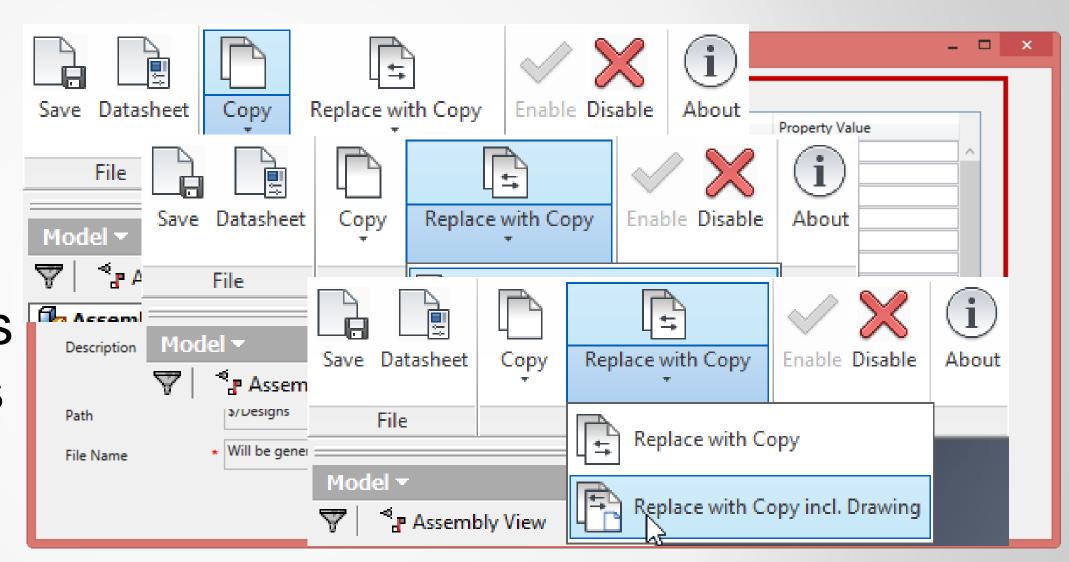


Data Standard



Data Standard

- Copy incl. Drawing
- Replace with Copy
- Replace with Copy incl. Drawing
- Category Properties on New File dialogs





Recommended Classes - Data Standard

- PL11369 Vault Data Standard 2016 An Introduction
 - Tuesday, 3:00PM 4:00PM (Marco Mirandola)
- PL11397 Into the Habit Hole Advanced Data Standard Configuration and Customization
 - Wednesday, 8:00AM 9:30AM (Marco Mirandola)

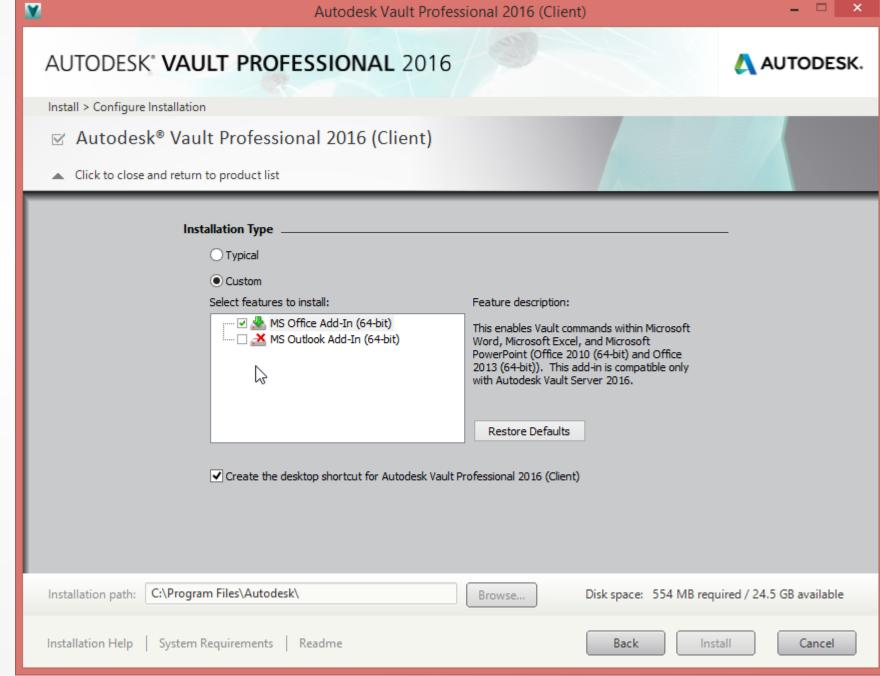


Vault Office



Vault Office

- Vault for the non-CAD user
 - Different license type
- New installer option
 - Vault Office (Client)
 - Office & Outlook Add-Ins available





Recommended Classes – Vault Office

- PL10600 Beyond Engineering to Sales, Purchasing and Management with Vault Office
 - Wednesday, 3:00PM 4:00PM (Eike Hengst)



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- Via the Survey Stations, email or mobile device.
- AU 2016 passes awarded daily!
- Give your feedback after each session.
- Give instructors feedback in real-time.





Voice of Customer



For more information visit autode.sk/AU2015VOC





Other Vault Classes



Vault Classes

- PL10597 Behaviors 101 for Younglings
 - Tuesday, 3:00PM 4:00PM (Allan & Ralf)
- PL11233 Behaviors 201 for Padawan Learners
 - Wednesday, 1:00PM 2:00PM (Ralf & Irvin)
- PL10386 Autodesk Vault Looking into the Crystal Ball
 - Thursday, 8:00AM 9:30AM (Mikel & Allan)
- Behaviors 301 for the Jedi Master
 - Thursday, 10:00AM 11:30AM (Irvin & Ralf)
- PL10733 The Power of Custom Objects
 - Thursday, 10:00PM 11:30PM (Robert Stein & Adam Luttenbacher)



Vault Classes

- PL11390 Integration Options for Vault
 - Thursday, 1:00PM 2:00PM (Kevin, Rodney & Marco)
- PL10593 Data Management Avengers III
 - Thursday, 3:00PM 4:00PM (Allan, Irvin, Anil, Adam, Ralf & Bill)



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