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Customer Success

AVAIL Browser for Revit 5.0 Release Notes

The following were delivered as part of a development effort that concluded on Thursday, June 1, 2023. This effort is for the release of **version 5.0.7** of the AVAIL for Revit.

This release of the AVAIL for Revit addin is a hot-fix update.

AVAIL Browser (Version)	Application Versions Supported
AVAIL Browser for Revit (5.0.7)	Autodesk Revit 2018, 2019, 2020, 2021, 2022, 2023, 2024

AVAIL for Revit 5.0.7 (released 6/15/2023)

Fixed

- General
    - Fixed issue with bulk loading of Sheets with Legends
    - Fixed issue with possible duplicate Detail Groups created if instances are placed on Sheets or Drafting Views
    - Fixed issue with placement of Detail Groups on Sheets and Drafting Views.
    - Reduced Revit Idle Events.
    - Addressed potential issue with copying Drafting Views encountering random "Cannot Copy Elements" error via a retry transaction.
    - Fixed potential invalid transformation from copying Views on a sheet.

- Known Issues
  - Addin Compatibility
  - ANY version of Enscape
    - If a Detail Group exists on a View and is copied during a Load or Bulk Load operation, the group may be placed on a different destination view.
      - Reason: During a Load or Bulk Load operation of a Sheet or Drafting View, in order to copy a Detail Group onto the destination View, it must be programmatically set as the Active View. This is because the position of the Detail Group is relative to the Active View's drawing space (fixed in v5.0.7.0). Unfortunately, another issue was discovered with this fix. Enscape appears to be listening for the ViewActivated event and potentially resetting/reassigning the Active View to something else (even if the view is a 2D view such as Drafting Views). This means the placement of Detail Groups onto Drafting Views may be performed on a different view.

AVAIL for Revit 5.0.6 (released 5/11/2023)

New

- Added support for loading Sheets with Legends
- Added support for loading View Templates
- Added notification marker on the AVAIL icon in the Autodesk Add-ins Ribbon Panel for connection lost or disconnected
- Added warning dialog for Views (Drafting & Legends) that match by name, allowing the user to choose to Continue loading or to skip (Note: a drag action prompts the User if they would prefer to use the View already in the active project that matched by name)

Fixed

- Fixes bug with dragging and dropping Harvested Legends
- Improved handling of dropped Named Pipe connection to the AVAIL Desktop
- Improved Bulk Loading Progress dialog
- Fixes issue with Type Catalog types sorting

AVAIL Browser 5.0.5 (released 4/20/2023)

New

- Support for Autodesk Revit 2024
- Support for loading View Templates
- Support for AVAIL Desktop Preview Release 4.5

Fixed

- General
    - Improves handling messages of drag and drop from the AVAIL Desktop
    - Drag and drop improvements for prompting placement, including specifically around Harvest content and content hosted in Egnyte
    - Adjusted background color of Load buttons to light gray
    - Improved handling of lost connection
- Installer
    - Removes the word "Browser" from installer and interface

AVAIL Browser 5.0.4 (released 3/28/2023)

Fixed

- Pop-up Window
    - Fixed issue with placement of Pop-up Window on multiple monitors with High-DPI displays and/or mixed scaling display settings.
    - Improved detection of destination of the dropped item based on Revit instance window
    - Improved grouping of Sheets, Schedules and Views based on Browser Organization of source Revit document
- Family Types
    - Improved handling of duplicate type names
    - Added Duplicate Type name alert for invalid Type Catalogs
- Legends
    - Fixed drag and drop prompt for placement
- Analytics
    - Fixed issue with logout from AVAIL Desktop not resetting Analytics

- General
  - Improved pre-checke before opening to reduce chance of File In Use error
  - Improved error handling
  - Added support for AVAIL Desktop Preview Release 4.5
- Installer
  - Fixed backwards compatibility issue due to upgrade of settings.config file

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AVAIL Browser 5.0.2 (released 2/10/2023)

Fixed

- Drag and drop
  - Fixed issue with Pop-up window placement on multiple monitors
  - Fixed issue with dropping onto detached tabs of a Revit view
  - Fixed issue with dropping from AVAIL Desktop onto specific regions of the Revit Window
  - Fixed issue dropping onto a Revit View (e.g. 3D view) displays the pop-up window
  - Fixed issue with dropping onto the Revit toolbar to open the Revit document.
  - Improved detection of destination of the dropped item based on Revit instance
- Analytics
  - Fixed issue with Analytics not reporting the correct version number per event
- Installation
  - Fixed backwards compatibility issue due to upgrade of settings.config file

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AVAIL Browser 5.0.1 (released 1/9/2023)

AVAIL Browser Core

New

- Introduces new drag-and-drop workflow for loading Revit content from AVAIL Desktop.

- ○ Pop-up window
    - ■ Drag-and-dropping Revit content objects into the active session of Revit displays a modal window of the document's loadable elements.
    - ■ Keeping the Pop-up window open and selecting another Revit content object from AVAIL Desktop automatically opens and displays the file's contents.
  - ○ Adds support for downloading Revit elements hosted in BIM360/ACC Docs through Autodesk Desktop Connector on release of drag-and-drop operation
- Redesigned UI
  - ○ Simplified display of elements in a Revit content object and reduction of options condensed into an options menu.
  - ○ Checkboxes next to the Revit element in a list to make selection of items intended to load clearer to the user.
  - ○ Ability to Select All/Select None option with checkbox control.
  - ○ Parameters tab groups items based on Family Type for Family content objects.
- Removal of dependencies (.dll files) to reduce conflicts with other Add-Ins in Revit
- Family content object with one element automatically loads into the active project on drag.

Fixed

- Fixed issue with Add as Tag Context Menu item not displaying
- Fixed margin issue in alert dialogs
- Fixed issue with Pop-up window placement on multiple monitors