



Customer Success



AVAIL Browsers 4.6.2 Release Notes (released 9/7/2022)

The following new features were delivered as part of the **Version 4.6.2** release of the AVAIL Browser applications including AVAIL Browser for Revit, AVAIL Browser for Rhino, AVAIL Browser for SketchUp, AVAIL Browser for AutoCAD & Civil 3D, and AVAIL Browser for 3dsMax.

This release is primarily focused on bug fixes to the AVAIL Browser for REVIT.

AVAIL Browser (Version)	Application Versions Supported
AVAIL Browser for Revit (4.6.2)	Autodesk Revit 2018, 2019, 2020, 2021, 2022, 2023
AVAIL Browser for Rhino (4.6.2)	McNeel Rhinoceros 6 & 7
AVAIL Browser for AutoCAD & Civil3D (4.6.2)	Autodesk AutoCAD/Civil3D 2019, 2020, 2021, 2022, 2023
AVAIL Browser for 3ds Max (4.6.2)	Autodesk 3ds Max 2020, 2021, 2022, 2023
AVAIL Browser for SketchUp (4.6.2)	SketchUp 2017, 2018, 2019, 2020, 2021

AVAIL Browsers 4.6.2 Release Notes

All Browsers (Core Layer)

New

- Added messaging in Channel view for when no results are returned during a search
- Improved exception handling and logging

Fixed

- General
 - Fixed issue with Login on loss of internet connection
 - Addressed UI issue with busy spinner

AVAIL Browser for Revit (2018-2023)

Version 4.6.2

New

- Logging
 - Modified format of logging to be on a per-Revit-session basis.
 - Log filenames now include the Revit journal ID of the session (e.g. log.1234.txt).
 - Log files older than 10 days are automatically deleted from the user's Local AppData.
 - Added additional crash log if the plugin fails to launch on startup of Revit.
 - located in %localappdata%\AVAIL\AVAIL.Revit\{REVIT_VERSION}\
- Dependencies
 - Removed dependency on SharpZipLib and BugzScoutDotNet.
 - Upgraded Log4Net dependency to 2.0.12.0 to match most versions of Revit.
 - Fixed dependency on AVAIL.NamedPipe.
- General
 - Added Retry option if no internet connection is detected on startup of Revit.

Fixed

- General

- Fixed loss of connection issue when tethered to the AVAIL Desktop.
- Fixed issue with ArchVision plugin not instantiating properly.
- Other minor bug fixes

AVAIL Browser for 3ds Max (2020-2023)

- Added Support for 3ds Max 2023

AVAIL Browser for AutoCAD & Civil 3D (2019-2023)

- Added Support for AutoCAD & Civil 3D 2023

AVAIL Browser for Rhino (6 & 7)

- No changes for these browsers

AVAIL Browser for SketchUp (2017-2021)

- No changes for these browsers

AVAIL Browsers 4.6 Release Notes

All Browsers (Core Layer)

New

- Improved handling of broken/missing content paths (e.g. lost network connection, drive not found, file permissions)
- Improved display of broken content, including content with virtualized thumbnails

Fixed

- General
 - Fixed Download button visibility for Marketplace Content
 - Improved Error Handling
 - Renamed Pinned Channels with Favorites
 - Fixed issue with Favoriting
 - Improved standard Channel actions (Refresh, Channel Selection, Search, etc.)

AVAIL Browser for Revit (2018-2023)

Version 4.6

New

- Added Support for Revit 2023
- Added check and warning dialog for RPC Content if ArchVision RPC addin is not installed in Revit
- Added support for Dynamic Path Content for future AVAIL Desktop Preview Release
- Improved support for loading BIM360 Content indexed through the Autodesk Desktop Connector

Fixed

- General
 - Added check to see if the host application is in a busy process to prevent resizing of panels on document changes
 - Improved drag-and-drop of RPC from AVAIL Desktop
 - Improved loading of Revit Project thumbnails
- Loading Views
 - Loading a Drafting View that already exists in the project now prompts that it already exists.
 - In Project Mode dragging an existing view now 'Cancels' correctly.
- Thumbnail Generator
 - Fixed export for new Elements

AVAIL Browser for 3ds Max (2020-2023)

- Added Support for 3ds Max 2023

AVAIL Browser for AutoCAD & Civil 3D (2019-2023)

- Added Support for AutoCAD & Civil 3D 2023

AVAIL Browser for Rhino (6 & 7)

- No changes for these browsers

AVAIL Browser for SketchUp (2017-2021)

- No changes for these browsers
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AVAIL Browsers 4.5.8 Release Notes

All Browsers (Core Layer)

New

- Improved handling of broken/missing content paths (e.g. lost network connection, drive not found, file permissions)
- Improved display of broken content, including content with virtualized thumbnails

AVAIL Browser for Revit (2018-2022)

Version 4.5.8.0

Fixed

- Login
 - Fixed issue with 'Sign-in with ArchVision' flow
- General
 - Fixed issue with drag-and-drop of a Revit element item in Content Mode could falsely trigger a drag in the Channel
 - Fixed drag-and-drop of RPC from AVAIL Desktop
 - Fixed issue with Autoselect/Display This bug

AVAIL Browser for 3ds Max (2020-2022)

AVAIL Browser for AutoCAD & Civil 3D (2019-2022)

AVAIL Browser for Rhino (6 & 7)

AVAIL Browser for SketchUp (2017-2021)

- No changes for these browsers

AVAIL Browsers 4.5.7 Release Notes

All Browsers (Core Layer)

Fixed

- Login
 - Modified login flow to prevent the login request from timing out after launching the host application (e.g. Revit, Rhino, etc.)
 - Fixed issue with SSO configuration file not detected in parent directory

AVAIL Browser for Revit (2018-2022)

Version 4.5.7.0

Fixed

- Sheets
 - Fixed issue with detail numbers not assigned to the viewport of a drafting view during a Copy Sheet flow
- Groups
 - Suppressed duplicate warnings during a Copy Group flow
- Parameters
 - Fixed inconsistent display of Parameters tab in Content Mode
- Bulk Load
 - Improved Bulk loading flow that supports Groups
 - Added option to Show All or Ignore All Warnings during the Bulk Load process
- General
 - Fixed issue with external drag and drop of Harvest Content from the AVAIL Desktop when multiple instances of Revit are running [NOTE: Partial Fix - will require additional improvements in the AVAIL Desktop]

AVAIL Browser for 3ds Max (2020-2022)

Version 4.5.7.0

Fixed

- Fixed issue with Browser not getting installed in proper subdirectories if Max is not installed on the C:\ drive

AVAIL Browser for AutoCAD & Civil 3D (2019-2022)

Version 4.5.7.0

- No change

AVAIL Browser for Rhino (6 & 7)

Version 4.5.7.0

- No change

AVAIL Browser for SketchUp (2017-2021)

Version 4.5.7.0

- No change
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AVAIL Browsers 4.5.4 Release Notes

All Browsers (Core Layer)

Fixed

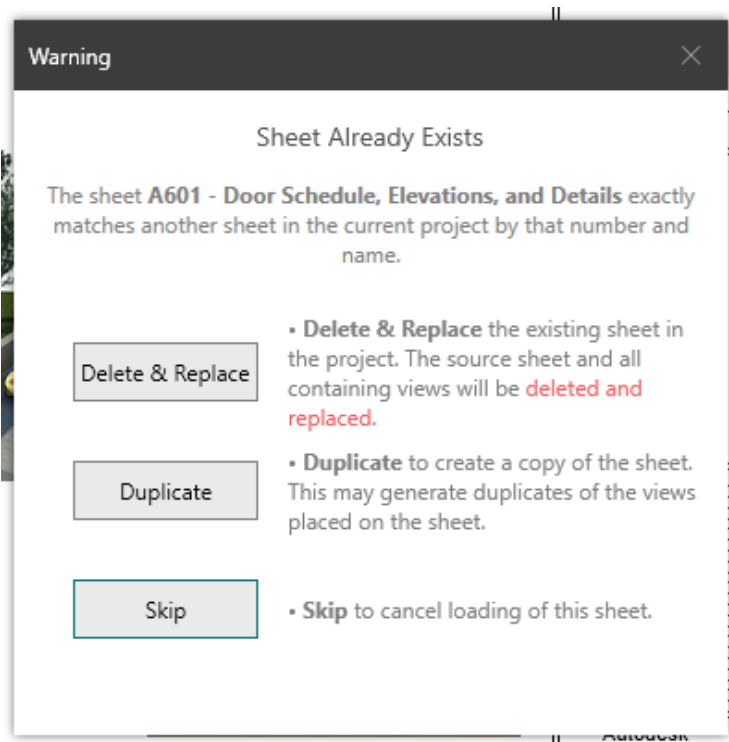
- Analytics
 - Fixed missing file size value within the Download analytics event.
 - Fixed issue with download analytics event reporting invalid channel info.

AVAIL Browser for Revit (2018-2022)

Version 4.5.6.0

New

- Families
 - Added warning dialog whenever attempting to load a family type into the active project document when the family already exists
- Sheets
 - Added warning dialog and logic for handling when a user is attempting to load an existing sheet. If the sheet being loaded matches by sheet number and name, the dialog displays and asks if they want to Delete & Replace the sheet in the active project, Duplicate the sheet, or Skip it. Replacing the sheet means AVAIL will completely delete the active sheet and any views placed on that sheet, and attempt to re-add them. Duplicate will create a copy of the sheet.



- Drafting Views
 - Added warning dialog whenever attempting to drag in a drafting view on a sheet that already exists will ask if the user wants to move the drafting view's viewport.

Fixed

- Sheets

- Fixed issue with the family type of the viewport's label on a sheet not copied over and set properly.
 - (REVIT 2022 API fix) Added support for matching the length and position of a viewport's label on an imported sheet.
- Tags
 - Fixed possible crash with adding Display This tags
- General
 - Fixed issue with Revit documents potentially getting out of sync with what the AVAIL Browser is referencing, causing the UI to be unresponsive to drag actions.

AVAIL Browser for 3ds Max (2020-2022)

Version 4.5.6.0

- No change

AVAIL Browser for AutoCAD & Civil 3D (2019-2022)

Version 4.5.6.0

- No change

AVAIL Browser for Rhino (6 & 7)

Version 4.5.6.0

- No change

AVAIL Browser for SketchUp (2017-2021)

Version 4.5.6.0

- No change

AVAIL Browsers 4.5.4 Release Notes

All Browsers (Core Layer)

New

- Updated AVAIL Analytics

Fixed

- UI
 - Fixed issue with Download progress bar not completing properly for selected Marketplace content
 - Improved scroll handling within list view (Content list in Channel View)
 - Fixed issue with click-scroll on scroll sometimes triggering drag event
- Login
 - Fixed issue with Azure SSO not prompting login successfully on launch.
- Analytics
 - Moved analytics session file creation to %localappdata%\AVAIL\Analytics

AVAIL Browser for Revit (2018-2022)

New

- Added support for Revit 2022

Fixed

- Legends
 - Fixed issue with duplicate elements getting created when copying/dragging Legend views.
- Addin Compatibility
 - Fixed issue with compatibility with Rhino.Inside Revit attempting to next the AVAIL Browser for Rhino within the AVAIL Browser for Revit.

AVAIL Browser for 3ds Max (2020-2022)

New

- Added support for 3ds Max 2022

AVAIL Browser for AutoCAD & Civil 3D (2019-2022)

New

- Added support for Revit 2022

AVAIL Browser for Rhino (6 & 7)

Fixed

- Addin Compatibility
 - Fixed issue with compatibility with Rhino. Inside Revit attempting to next the AVAIL Browser for Rhino within the AVAIL Browser for Revit.

AVAIL Browser for SketchUp (2017-2021)

Fixed

- Fixed issue with Download progress bar
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AVAIL Browsers 4.5.3 Release Notes

AVAIL Browser for Revit (2018-2021)

New

- Harvest 2.0
 - Support for viewing and consuming content created by AVAIL Harvest 2.0
 - Ability to drag-and-drop content (e.g. Drafting Views, System Families, etc.) created by AVAIL Harvest 2.0 directly into Autodesk Revit
 - Added bulk-load capabilities for Harvest content
- UI/UX
 - Simplified interface to highlight more commonly used options
 - Integrated UI Elements and styles from the AVAIL Desktop
- Features

- Added support for 'Load as Group' for a Revit Project (.rvt)
- ArchVision RPC
 - Added ability to drag-and-drop RPC content directly into Autodesk Revit from the AVAIL Desktop or AVAIL Browser for Revit

AVAIL Browser for SketchUp (2017-2021)

New

- Added support for SketchUp 2021

AVAIL Browser for Rhino (6 & 7)

New

- Added support for Rhino 7
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Remaining Releases

Due to the nature of how the AVAIL Browsers are built and share relevant assemblies, the following versions of the AVAIL Browser were all versioned up, although no new (functional) features or bug-fixes were applied in these versions.

AVAIL Browser for 3ds Max (2020-2021)

AVAIL Browser for AutoCAD & Civil 3D (2019-2021)