

HARVEST 2.0

AVAIL™

Release Notes *Updated 03/25/2021*

Welcome to AVAIL Harvest. Harvest 2.0 vastly simplifies Revit workflows by making content libraries instantly accessible, enabling drag-and-drop or one-click placement. Managing and making available to designers the wide variety of Revit content that are not Families is extremely difficult. Reusable assets such as Drafting Views, Groups, Sheets, Legends, Schedules, and System Families all present a problem when it comes to Revit library management and delivery. Until now...

With AVAIL and Harvest 2.0, every Revit Element acts as an individual discrete object that's ready to be searched and loaded into your current project with a single click. All while maintaining those assets in one or more Revit Container Libraries.

Product Overview

With AVAIL Harvest 2.0, these constraints have been removed. Now every Revit element appears as an individual object in AVAIL: taggable, searchable, and ready to deploy in your Revit Projects - while still centrally manageable within a container file.

Harvest is available for customers in the Downloads section of the Manage portal at app.getavail.com/manage.

Features:

- Introduces 2 processing modes:
 - Single Container processing, which creates Virtual AVAIL content with links to a Single Container file
 - Element Level Container processing, which creates an individual Container file per element
- Automatically creates Content and adds it to the Channel you select
- Automatically generates High-resolution previews and Virtualizes them for use in the AVAIL Desktop
- Integrates seamlessly with the AVAIL Browser for Revit
- Integrates with the Revit Tag Generator, allowing highly customizable auto-tagging of exported elements, including Project and Shared Parameters
- Includes default Element Type and Browser Organization Tag generation
- Supports exporting from Revit workshared models
- Supports Google Analytics reporting
- Currently supports Revit 2020 and Revit 2021

Revit Elements Currently Supported:

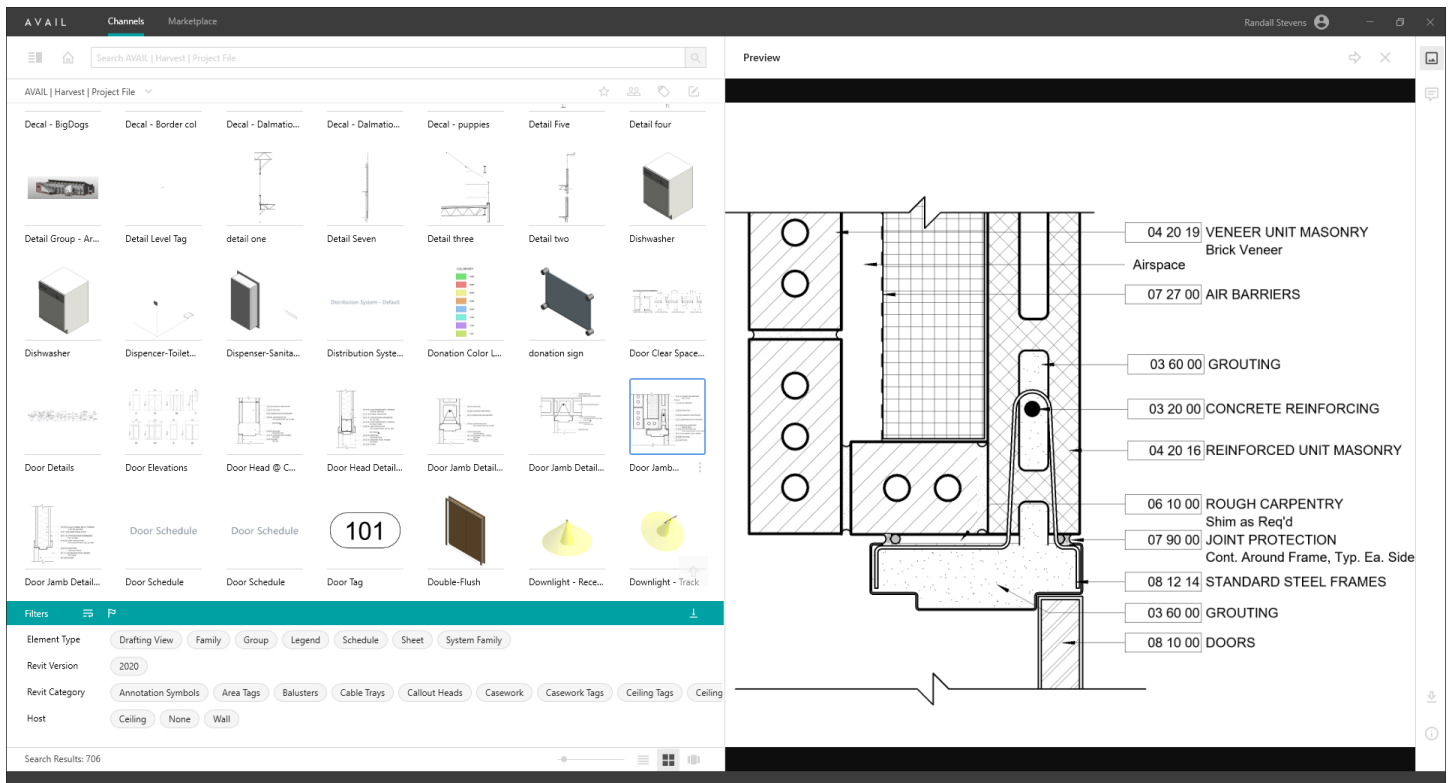
- Drafting Views
- Families
- Groups
- Legends
- Schedules
- Sheets
- System Families

Coming Soon

- Support for Revit 2022
- Support for additional element types: View Types, View Templates, Materials

Known Issues and Limitations

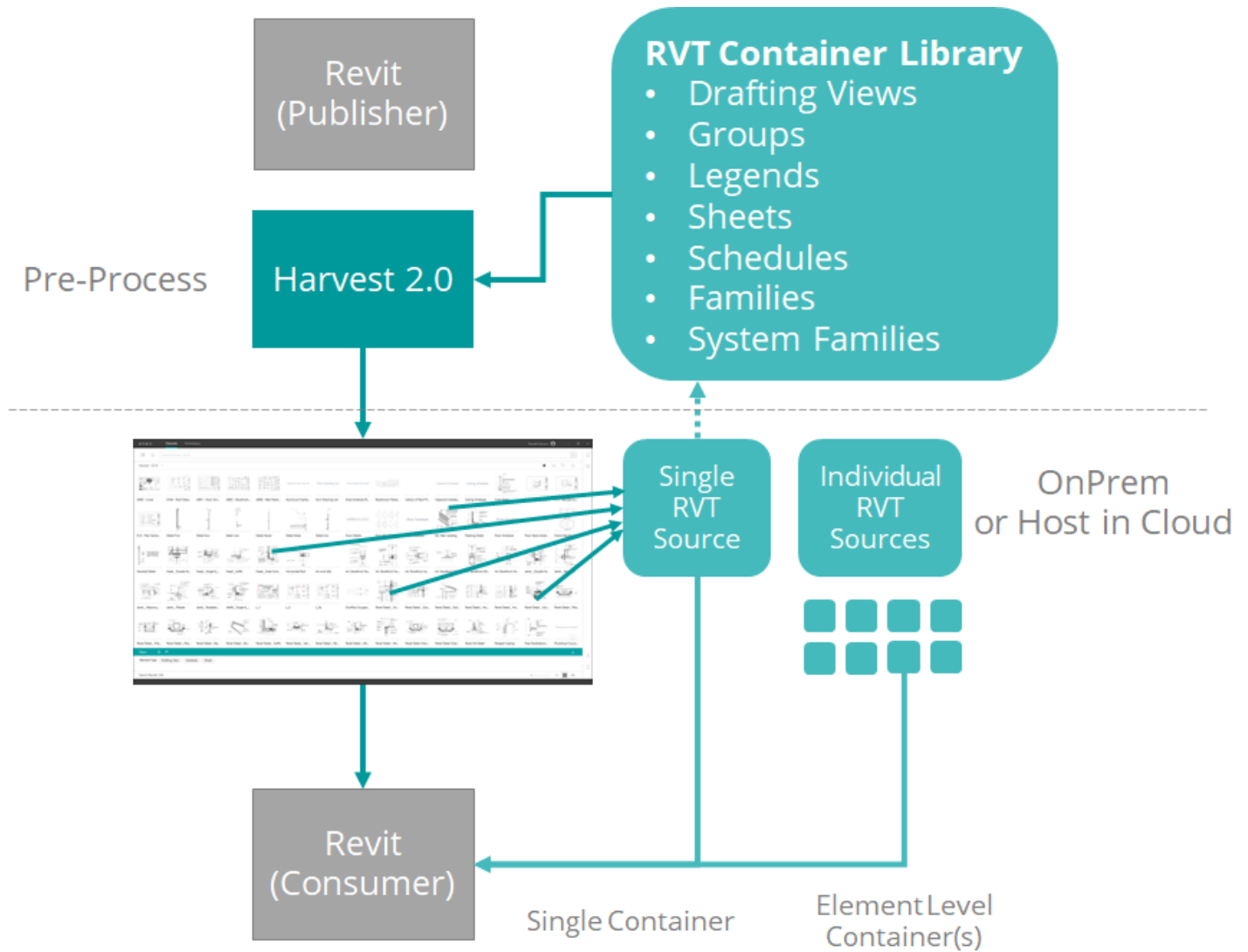
- Harvest may fail to run on a container file which has a very large number of AVAIL tags. The current workaround is to remove the tags from the container file.
- Element export may fail if the view name is very long.



Example high resolution viewing of a harvested Drafting View

Harvest 2.0 Publishing Options + Workflow

With Harvest 2.0 BIM Managers can choose to publish entire Element categories or individual Elements from a Revit Container Library file, creating “virtualized” objects that represent those elements in an AVAIL Channel. These virtualized objects in AVAIL can reference a single RVT source Container Library (Single Container). Conversely, Harvest can create individual RVT source files, or Element Level Containers (which may be optimal for cloud-hosting.) Any changes to the Revit Container Library file can then be re-published to update the user-facing content.



Overview of Harvest 2.0 publishing workflow

Container Libraries Strategies

With Harvest 2.0, you can design a Container Library strategy that fits your team's needs. Related Revit Elements such as Detail Items, Drafting Views and Sheets can be stored in a single Revit Container Library for ease of maintenance. Additional Revit Elements such as Legends and Schedules - as well as Families and System Families - can be maintained in separate Container Libraries. With Harvest each of these Revit Elements will appear in AVAIL as individual objects, ready to be organized, searched and loaded into your Revit Projects.

Container Lib#1

- Detail Items
- Drafting Views
- Sheets

Container Lib#2

- Legends
- Schedules

Container Lib#3

- System Families



Example strategy for Revit container libraries