

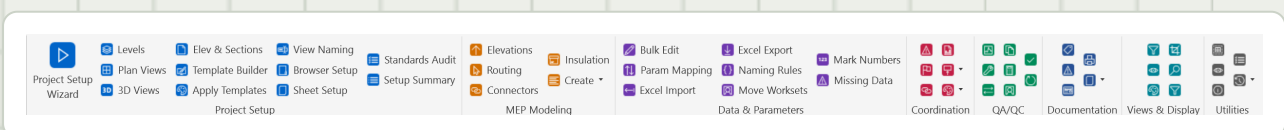


USER GUIDE • VERSION 1.0



# FARIS Toolkit

Free MEP tools for Autodesk Revit 2024 and 2025.  
What each tool does, and how to get the most out of it.



# What's inside

|           |                                                                        |           |                                                   |
|-----------|------------------------------------------------------------------------|-----------|---------------------------------------------------|
| <b>01</b> | <b>Getting started</b><br>Install, first steps, using the tools safely | <b>06</b> | <b>QA/QC</b><br>8 tools                           |
| <b>02</b> | <b>Project Setup</b><br>12 tools                                       | <b>07</b> | <b>Documentation</b><br>7 tools                   |
| <b>03</b> | <b>MEP Modeling</b><br>10 tools                                        | <b>08</b> | <b>Views &amp; Display</b><br>6 tools             |
| <b>04</b> | <b>Data &amp; Parameters</b><br>8 tools                                | <b>09</b> | <b>Utilities</b><br>7 tools                       |
| <b>05</b> | <b>Coordination</b><br>8 tools                                         | <b>10</b> | <b>Getting help</b><br>Ideas board, tips, licence |

## All 66 tools, by icon

Seen an icon on the FARIS TOOLS tab and not sure what it does? Find it here, then go to its page.

### Project Setup

-  Project Setup Wizard
-  Level Manager
-  Generate Plan Views
-  Generate 3D Views
-  Elevations & Sections
-  View Template Builder
-  Apply View Templates
-  View Naming Manager
-  Browser Setup Assistant
-  Sheet Setup Generator
-  Project Standards Audit
-  Setup Summary Report

### MEP Modeling

-  Line-to-Pipe
-  Line-to-Duct
-  Batch Pipe Creator
-  Batch Duct Creator
-  Equipment Array
-  Copy with Parameters
-  Pipe/Duct Elevation Editor
-  Routing Assistant
-  Connector Checker
-  Insulation Assistant

### Data & Parameters

-  Missing Data Checker
-  Excel Export
-  Bulk Parameter Editor
-  Parameter Mapping
-  Excel Import
-  Naming Convention Tool
-  Mark Numbering
-  Workset Organizer

### Coordination

-  Clash Candidate Finder
-  Clearance Checker
-  Sleeve Candidate Finder
-  Sleeve Placement Assistant
-  Linked Model Inspector
-  Coordination Colorizer
-  Coordination View Generator
-  Issue Report Exporter

### QA/QC

-  Model Health Audit
-  Unconnected End Checker
-  System Assignment Checker
-  Duplicate Element Finder
-  Size & Elevation Checker
-  Workset Compliance Checker
-  Template Compliance Checker
-  Pre-Sync Audit

### Documentation

-  Batch Tagger
-  Missing Tag Checker
-  Schedule Generator
-  Batch Sheet Creator
-  Place Views on Sheets
-  Sheet Number Auditor
-  Documentation Export (PDF / DWG)

### Views & Display

-  MEP View Filter Builder
-  System Visibility Manager
-  Color by System
-  View Crop Assistant
-  View Template Audit
-  View Cleanup (find only)

### Utilities

-  Select by Rule
-  Isolate Selected System
-  Element Inspector
-  Self-Test
-  Command History
-  Tool Settings
-  Compatibility Check

# Getting started

FARIS Toolkit adds a **FARIS TOOLS** tab to Revit with 66 tools in 8 panels, for setting up projects, modelling MEP, managing data, coordinating, checking and documenting. It's free, works offline and needs no account.

## Revit 2024 and Revit 2025 only

One download covers both: Revit loads the right version automatically. Revit 2025 needs update 2025.5. Windows 10 or 11, 64-bit. Other Revit versions are not supported by this package.

## Install

Check the file first: `Get-FileHash` in PowerShell should match the SHA-256 on the download page (letter case doesn't matter). On a company PC, ask your IT team first.

- 1 Close Revit.
- 2 Run the verified installer after any required IT approval. It is unsigned: if Windows warns or blocks it, stop and verify the source. Keep security protections enabled. No admin rights needed.
- 3 Start Revit. If it warns about the unsigned add-in, verify trust and approval before loading. Then check for the FARIS TOOLS tab.

## Your first ten minutes

- 1 Open a test project, or a copy of a model.
- 2 Run **Utilities > Self-Test**. Read individual results, including skips; check that temporary elements were removed.
- 3 Try a read-only check such as **QA/QC > Model Health Audit**.
- 4 Hover over any button to see what it does.

Uninstall: Windows Settings > Apps, find FARIS Toolkit for Revit 2024–2025, choose Uninstall.

Zip instead: unzip the `FarisToolkit.bundle` folder into `%AppData%\Autodesk\ApplicationPlugins`.

## Using the tools safely

### See it first

Preview and confirmation vary by command. Read its instructions and inspect the proposed changes before applying them.

### Check undo behaviour

Undo varies by command. Test on a copy; exported files are separate. Use **All or nothing** where available.

### Checks never change anything

Read-only checks only list what they find. Use **Select & Zoom** to jump to an element, and **Save Excel...** to share the list.

### Running it again

Most tools reuse what they made before. Some add more each run, such as Equipment Array, and Batch Tagger without its Skip option.

## Test on a copy first

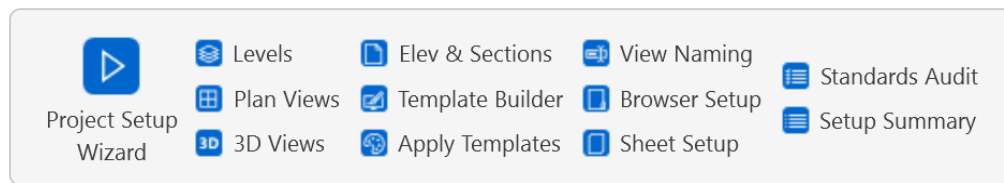
Limited checks on 20 Oct 2026 found a sleeve-placement failure in Revit 2024.3.60 and a Project Setup classification warning in 2025.5. Both Self-Test summaries count an unexercised linked-model case as passed. These are not clean-install or full-command tests. Read the [current release review](#) and use a disposable model first.

## How to read the tool cards

The icon beside each tool name is the picture on its button in the FARIS TOOLS tab.

**READ-ONLY CHECK** only reports. **CHANGES THE MODEL** edits model elements; review its instructions first. **CREATES VIEWS AND SHEETS** adds views, sheets or schedules. **EXPORTS FILES** writes PDF, DWG or Excel files. **UTILITY** helps you select, inspect or set up.

# Project Setup



Use this panel at the start of a project to set up levels, views, templates, view names, sheets and schedules. The Project Setup Wizard does most of it in one run, and the other buttons each do one part or check the result.

## Work faster

- Open Setup Summary first to see what the project already has, then run the Project Setup Wizard to set up the rest.
- Added a floor later? Use Levels to add it with its plans, then 3D Views to give it a working 3D view. Re-runs reuse what already exists.
- Make templates with Template Builder, then put them on existing views with Apply Templates.
- Before a milestone, run Standards Audit against your profile, then fix view names with View Naming.



## Project Setup Wizard

CREATES VIEWS AND SHEETS

Button: Project Setup Wizard • Project Setup panel, large button

Sets up levels, views, view templates, Project Browser parameters, sheets and schedules in one guided run of eight steps.

- 1 Click Project Setup Wizard. On step 1, choose a profile and enter the project name and number.
- 2 On step 2, add your levels or use Load existing levels, tick the plans each needs, then press Validate.
- 3 On steps 3 to 6, choose the views, templates, browser parameters, sheets and schedules you want.
- 4 On step 7, check the preview, tick All or nothing if you want, then press Execute... and confirm.
- 5 On step 8, read the report and use Select & Zoom to find new items.

**TIP** Nothing changes before step 7. Press Save as... on step 1 to keep your settings as a profile for the next project.



## Level Manager

CHANGES THE MODEL

Button: Levels • Project Setup panel button

Adds new levels, with their floor and ceiling plans, without running the whole wizard.

- 1 Click Levels. The window loads the levels that already exist.
- 2 Add the new levels and tick Floor plan / Ceiling plan for each one that needs plans.
- 3 Press Validate and correct any flagged row. Type elevations as numbers, with a dot for decimals.
- 4 Preview, then execute and confirm. Use Select & Zoom in the report to find the new levels.

**TIP** Plans are only made where you tick Floor plan / Ceiling plan, so tick them for every new level that needs plans.



## Generate Plan Views

CREATES VIEWS AND SHEETS

Button: Plan Views · Project Setup panel button

Creates floor and ceiling plans for existing levels, with your naming pattern, view type, scale and detail level.

- 1 Click Plan Views and tick Floor plan / Ceiling plan for the levels you want.
- 2 Set the naming pattern, view type, scale and detail level, and optionally a template.
- 3 Preview. Plans whose name already exists show as Reused.
- 4 Confirm, then open the new plans with Select & Zoom from the report.

**TIP** Empty naming tokens are dropped, so ME\_{Zone}\_LO1 becomes ME\_LO1 when Zone is empty. Re-runs reuse plans with the same name.



## Generate 3D Views

CREATES VIEWS AND SHEETS

Button: 3D Views · Project Setup panel button

Creates one working 3D view per level, with a section box from that level to the one above, plus an optional coordination 3D view.

- 1 Click 3D Views on the Project Setup panel.
- 2 Check the level rows and remove any you don't need. Each row gives one 3D view.
- 3 Choose whether to create the coordination 3D view as well.
- 4 Preview, confirm, and open the new views with Select & Zoom.

**TIP** These views let you work on the services one floor at a time. To give them a template, use Apply Templates afterwards.



## Elevations & Sections

CREATES VIEWS AND SHEETS

Button: Elev & Sections · Project Setup panel button

Creates north, east, south and west elevations plus a long and a cross section through the model centre, and checks every level shows.

- 1 Click Elev & Sections on the Project Setup panel.
- 2 Choose the level whose floor plan hosts the elevation markers. That level needs a floor plan.
- 3 Preview, then confirm.
- 4 Read the report, including any level reported as missing from a new view.
- 5 Open each new view and check its crop region.

**TIP** The crop uses Revit's default, so run View Crop Assistant on the Views & Display panel afterwards to crop the new views.



## View Template Builder

CHANGES THE MODEL

Button: Template Builder · Project Setup panel button

Lists your view templates with their usage, flags unused ones, and makes new templates from a view or from a copy of a template.

- 1 Click Template Builder. The list shows each template with its view type and usage.
- 2 To make a template from a view, use Create from view..., pick the view and name it.
- 3 To copy a template, select it, use Duplicate selected... and name the copy.
- 4 Confirm and read the report. If a copy can't be made, the report gives you the manual steps.

**TIP** Your existing templates are never edited. Use Apply Templates next to put the new template on views.



## Apply View Templates

CHANGES THE MODEL

Button: Apply Templates · Project Setup panel button

Puts a view template on many existing views at once, after checking that it fits each view.

- 1 Click Apply Templates. Filter the views by type and name, or show only views without a template.
- 2 Tick the views and pick the template.
- 3 Click Check compatibility. Each row shows OK, INCOMPATIBLE, already uses it, or has another template.
- 4 Tick replace if views with another template should get this one, then click Apply... and confirm.

**TIP** A template only fits views of the same kind, so a Floor Plan template on a 3D view is skipped. One Ctrl+Z undoes the whole run.



## View Naming Manager

CHANGES THE MODEL

Button: View Naming · Project Setup panel button

Renames many views at once with a pattern, find and replace, a prefix or suffix, or a change of case.

- 1 Click View Naming and tick the views to rename.
- 2 Choose Pattern, Find / replace, prefix or suffix, or UPPERCASE, lowercase or Title Case.
- 3 Enter the text or pattern, for example {DisciplineCode}\_{Level}\_{Name}.
- 4 Click Preview names and check the flags on each row.
- 5 Confirm. Only rows marked OK are renamed.

**TIP** Run View Cleanup first to find copied names such as ... Copy 2, then tidy them here. A name that clashes with another view of the same type is not renamed.



## Browser Setup Assistant

CHANGES THE MODEL

Button: Browser Setup · Project Setup panel button

Reports how your Project Browser is organised for views and sheets, and can add two parameters for sorting them by discipline and purpose.

- 1 Click Browser Setup on the Project Setup panel.
- 2 Read the report on the current Browser Organization for views and sheets.
- 3 Tick Add parameters if you want BMT\_Discipline and BMT\_Purpose on views and sheets, then confirm.
- 4 Follow the manual steps in the report to set up the browser organization scheme in Revit.

**TIP** Values are filled in only on views and sheets the toolkit creates. On existing ones, type the values yourself.



## Sheet Setup Generator

CREATES VIEWS AND SHEETS

Button: Sheet Setup · Project Setup panel button

Creates numbered sheets with a title block, plus the standard schedules you tick.

- 1 Click Sheet Setup and pick a title block.
- 2 Generate sheets one per level or as a fixed count, or type them in.
- 3 Set the prefix and start number, for example ME- and 101 for ME-101, ME-102 and so on.
- 4 Tick the standard schedules to create.
- 5 Preview, confirm, and read the results report.

**TIP** Existing sheet numbers are never renumbered, so a re-run reuses them. Then fill the sheets with Place Views on Sheets (Sheets drop-down, Documentation panel).



## Project Standards Audit

READ-ONLY CHECK

Button: Standards Audit · Project Setup panel button

Checks the model against a profile (floor plans, view names, templates, title block, schedules and sheet numbers) without changing anything.

- 1 Click Standards Audit and pick the profile to audit against.
- 2 Run the audit. Each finding is an orange Warning row.
- 3 Use Select & Zoom to go to a finding.
- 4 Use Save Excel... or Save CSV... to keep or share the list.

**TIP** Run it before a milestone, then fix findings with the other Project Setup tools, for example View Naming for view names.



## Setup Summary Report

READ-ONLY CHECK

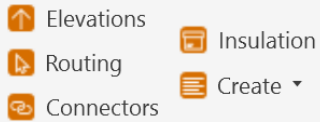
Button: Setup Summary · Project Setup panel button

Gives a quick, read-only overview of the project's setup: levels and plans, views, templates, sheets, title blocks, schedules and worksets.

- 1 Click Setup Summary on the Project Setup panel.
- 2 Read the report. Levels without a floor plan show as warnings.
- 3 Double-click a row or use Select & Zoom to find an item.
- 4 Use Copy text or Save CSV to keep a copy.

**TIP** It shows whether the model is workshared or in the cloud. Check this before running tools that change the model, and test those on a copy first.

# MEP Modeling



The MEP Modeling panel helps you create and edit pipe and duct runs. Turn lines or spreadsheet rows into runs, copy equipment, set heights, route branches, check connectors and manage insulation.

## Work faster

- Sketch the route with model or detail lines first, then run Line-to-Pipe or Line-to-Duct with Join runs that meet end-to-end ticked to get a connected run in one go.
- For many straight runs listed in a spreadsheet, start with Save an empty template in Batch Pipes or Batch Ducts, fill one row per run, then open it and check the preview.
- Equipment Array copies already carry the original's values. Use Copy+Params when elements you placed separately should match a finished one.
- After a lot of editing, run Connectors to find joins that don't match, then use Open Ends on the QA/QC panel to find unconnected ends.



## Line-to-Pipe

CHANGES THE MODEL

Button: Line>Pipe • Create drop-down

Turns straight model or detail lines into pipes of the type, system, level and diameter you choose, and can add elbows where lines meet.

- 1 Select the straight model or detail lines, or pick them after the command starts.
- 2 Open the Create drop-down on the MEP Modeling panel, click Line>Pipe, and choose the pipe type, system type and reference level.
- 3 Enter the diameter and middle height in mm, or tick Use each line's own height for 3D lines.
- 4 Tick Join runs that meet end-to-end, and Delete the lines afterwards if you no longer need them.
- 5 Check the preview, untick any rows you don't want, then confirm.

**TIP** Only straight lines convert, so arcs are skipped. Tick All or nothing in the preview to roll back the whole run if one item fails.



## Line-to-Duct

CHANGES THE MODEL

Button: Line>Duct · Create drop-down

Turns straight lines into rectangular or round ducts of the type, system, level and size you choose, and can add elbows where they meet.

- 1 Select the straight model or detail lines, or pick them after the command starts.
- 2 Open the Create drop-down on the MEP Modeling panel, click Line>Duct, and choose the duct type, system type and reference level.
- 3 Enter the width and height in mm. A height of 0 gives a round duct with the width as diameter.
- 4 Enter the middle height above the level, or tick Use each line's own height for 3D lines.
- 5 Tick Join runs that meet end-to-end, check the preview, then confirm.

**TIP** Tick Delete the lines afterwards to clear your sketch. The lines are only deleted if every line converted.



## Batch Pipe Creator

CHANGES THE MODEL

Button: Batch Pipes · Create drop-down

Creates many straight pipes from an .xlsx or .csv table, one row per pipe, each with its own size, type, system and level.

- 1 Open MEP Modeling > Create > Batch Pipes and use Save an empty template.
- 2 Fill in one row per pipe: start and end X, Y, Z in mm, diameter, pipe type, system type and level.
- 3 Type names as they appear in the project, or leave a cell empty to use the first one.
- 4 Save the table and open it in Batch Pipe Creator.
- 5 Check the preview for skipped rows, then confirm.

**TIP** Coordinates are measured from the project internal origin, and Z from each row's level, so convert values that use another reference point first. The new pipes aren't joined to each other.



## Batch Duct Creator

CHANGES THE MODEL

Button: Batch Ducts · Create drop-down

Creates many straight ducts from an .xlsx or .csv table, one row per duct, each with its own size, type, system and level.

- 1 Open MEP Modeling > Create > Batch Ducts and use Save an empty template.
- 2 Fill in one row per duct: start and end X, Y, Z in mm, size, duct type, system type and level.
- 3 Type names as they appear in the project, or leave a cell empty to use the first one.
- 4 Save the table and open it in Batch Duct Creator.
- 5 Check the preview for skipped rows, then confirm.

**TIP** Coordinates are measured from the project internal origin, and Z from each row's level, so convert values that use another reference point first. The new ducts aren't joined to each other.



## Equipment Array

CHANGES THE MODEL

Button: Array · Create drop-down

Copies one family instance into a grid of rows and columns at the spacing you set, keeping the original's type and parameter values.

- 1 Select one family instance, or pick it after the command starts.
- 2 Open MEP Modeling > Create > Array.
- 3 Enter the number of rows and columns.
- 4 Enter the X and Y spacing in mm. Use a negative value to go left or down.
- 5 Check the preview, then confirm.

**TIP** The original counts as row 1, column 1, so a 2 x 3 grid gives 5 new copies. Each copy is a separate element you can edit on its own, and running it again adds another set.



## Copy with Parameters

CHANGES THE MODEL

Button: Copy+Params · Create drop-down

Copies the instance parameter values you choose from one source element to the target elements you pick.

- 1 Open MEP Modeling > Create > Copy+Params.
- 2 Pick the source element.
- 3 Pick the target elements, then click Finish.
- 4 Tick the parameters to copy. The source value is shown next to each one.
- 5 Check the preview, then confirm.

**TIP** Your ticked list is remembered, so repeat jobs are quicker. Only parameters the target also has are changed, and read-only ones are skipped.



## Pipe/Duct Elevation Editor

CHANGES THE MODEL

Button: Elevations · MEP Modeling panel button

Sets or changes the height of selected pipes, ducts, cable trays and conduits, measured at the middle, bottom or top of the run.

- 1 Select the pipes, ducts, cable trays or conduits you want to change.
- 2 Click Elevations on the MEP Modeling panel.
- 3 Choose where to measure: Middle, Bottom or Top.
- 4 Choose Set height and enter the height in mm, or choose Move up/down by and enter the distance.
- 5 Check the before and after in the preview, untick any rows you don't want, then confirm.

**TIP** Set height is measured from each run's own reference level, and Bottom and Top use the outside size. Sloped and vertical runs are skipped.



## Routing Assistant

CHANGES THE MODEL

Button: Routing · MEP Modeling panel button

Connects equipment or terminals to a selected main pipe or duct with a simple branch: a vertical run, an elbow, then a horizontal run into the main.

- 1 Select the equipment or terminals and the main pipes or ducts, all together.
- 2 Click Routing on the MEP Modeling panel.
- 3 Check the preview. Each open connector goes to the nearest selected main of the same kind.
- 4 Untick any route you don't want, then confirm.
- 5 Check the new runs against other services.

**TIP** Routes don't avoid obstacles, and sloped mains are skipped. A route that fails doesn't undo the others.



## Connector Checker

READ-ONLY CHECK

Button: Connectors · MEP Modeling panel button

Checks connected duct, pipe, cable tray and conduit joins in the scope you choose and lists the ones that don't match, without changing the model.

- 1 Click Connectors on the MEP Modeling panel.
- 2 Choose the scope: whole model, active view or current selection.
- 3 Choose the categories, then run the check.
- 4 Select a Warning row and use Select & Zoom to go to the element.
- 5 Use Save Excel... or Save CSV... to export the list.

**TIP** It finds size or shape mismatches, gaps, connectors not facing each other and different system types. Use Open Ends on the QA/QC panel for open ends.



## Insulation Assistant

CHANGES THE MODEL

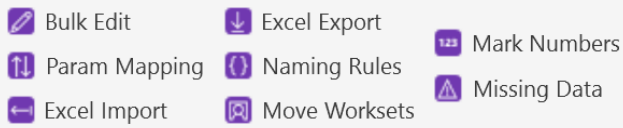
Button: Insulation · MEP Modeling panel button

Adds, updates or removes pipe and duct insulation using rules by system name and size, each setting the insulation type and thickness.

- 1 Click Insulation and choose the scope: whole model, active view or current selection.
- 2 Add a rule for each case: Pipes or Ducts, system name contains, min and max size, type and thickness.
- 3 Put specific rules above general ones, because the first matching rule wins.
- 4 Choose the action: Add or update, Add only, or Remove.
- 5 Check the preview, untick any rows you don't want, then confirm.

**TIP** Leave System name contains empty to match any system. Use Add only when you want to skip runs that are already insulated.

# Data & Parameters



Use this panel to check and change parameter values on many elements at once. Find empty values, edit in bulk or through Excel, apply naming and Mark numbering rules, and move elements to the right worksets.

## Work faster

- Start with Missing Data to see which values are empty, then fill the gaps with Bulk Edit, or with Excel Export followed by Excel Import.
- For an Excel round trip, export with Excel Export, edit in Excel without touching the UniqueId and Element Id cells, then bring the changes back with Excel Import.
- Run Naming Rules with Check only ticked to find values that break the rule, then run it again unticked to fix them. Use Mark Numbers before you tag elements.
- Run Workset Compliance Checker in the QA/QC panel to find elements on the wrong workset, then fix them with Move Worksets before Sync with Central. Both use the same rules.



## Missing Data Checker

READ-ONLY CHECK

Button: Missing Data • Data & Parameters panel button

Finds elements where the parameters you need are still empty, so you can fill the gaps before you issue or hand over the model.

- 1 Click Missing Data and choose the scope: whole model, active view or current selection.
- 2 Tick the categories to check.
- 3 Type the required parameter names, one per line, and run the check.
- 4 Double-click a row, or use Select & Zoom, to find the element in the model.
- 5 Use Save Excel... or Save CSV... to keep or share the list.

**TIP** It never changes the model, so you can run it as often as you like. Your options are remembered for next time.



## Excel Export

EXPORTS FILES

Button: Excel Export · Data & Parameters panel button

Writes the parameters you tick, for the ticked categories, to an Excel .xlsx file so you can review, filter or edit them outside Revit.

- 1 Click Excel Export and tick the categories you want.
- 2 Click Load parameters from the ticked categories, then tick the parameters to export.
- 3 Choose one worksheet per category if you want each category on its own sheet.
- 4 Choose a file name, save, and open the file in Excel. The header row is ready to filter.

**TIP** Keep the Uniqueld column if you plan to bring your edits back with Excel Import. Exporting never changes the model.



## Bulk Parameter Editor

CHANGES THE MODEL

Button: Bulk Edit · Data & Parameters panel button

Changes one parameter on many elements at once: set, clear, find and replace, add a prefix or suffix, copy another parameter, or build from a pattern.

- 1 Select elements first if you only want to change some, then click Bulk Edit.
- 2 Choose the scope, tick the categories, click Load names and pick the parameter.
- 3 Choose the operation and type the value in project units, for example 300 for 300 mm.
- 4 Tick Only where the parameter is empty or Allow type parameters if you need them.
- 5 Check the preview, untick any row you don't want, and confirm.

**TIP** Tick All or nothing in the preview if the whole run should roll back when one item fails. One Ctrl+Z undoes the whole run.



## Parameter Mapping

CHANGES THE MODEL

Button: Param Mapping · Data & Parameters panel button

Copies values from one parameter to another, or turns short codes into full names with a value map.

- 1 Click Param Mapping, choose the scope and tick the categories.
- 2 Add one row per rule: source parameter, target parameter and mode (Copy, Copy if target empty or Map values).
- 3 For Map values, type the map, for example CHW=Chilled Water; HHW=Heating Hot Water; \*=Other.
- 4 Press Enter after editing a cell, before you click a button, so the value is saved.
- 5 Check the preview, untick any row you don't want, and confirm.

**TIP** Add \*= to the map to give a default for any value not listed. Without it, unmatched values are skipped. Tick Allow type parameters as target for type parameters.



## Excel Import

CHANGES THE MODEL

Button: Excel Import · Data & Parameters panel button

Reads edited values from an .xlsx or .csv file, usually one made by Excel Export, and writes the changes back to the model.

- 1 Edit the Excel Export file and save it. Leave the Uniqueld and Element Id cells as they are.
- 2 Click Excel Import and choose the .xlsx or .csv file.
- 3 When asked about type parameters, answer Yes to include them, or No to skip them.
- 4 Check the preview, which shows only the cells that changed, and untick any row you don't want.
- 5 Confirm, then read the results report.

**TIP** Rows are matched by Uniqueld or Element Id, so a file from another model won't find any elements. One Ctrl+Z undoes the whole run.



## Naming Convention Tool

CHANGES THE MODEL

Button: Naming Rules · Data & Parameters panel button

Checks or applies a naming rule to a parameter such as Mark, Comments or Type Mark, using a pattern with automatic numbering.

- 1 Click Naming Rules, choose the scope and tick the categories.
- 2 Choose the parameter: Mark, Comments, Type Mark, or type any parameter name.
- 3 Enter the pattern (default {Category}-{Level}-{Seq}) and set the {Seq} start, digits and step.
- 4 Choose whether numbering restarts on each level and/or for each different prefix.
- 5 Review the preview, untick any row you don't want, and confirm.

**TIP** Tick Check only first to list the elements that don't match the rule without changing anything. Tick Only elements where the parameter is empty to keep filled values.

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## Mark Numbering

CHANGES THE MODEL

Button: Mark Numbers · Data & Parameters panel button

Numbers elements and writes the result to Mark, using the pattern {SystemAbbr}-{Level}-{Seq} by default.

- 1 Click Mark Numbers, choose the scope and tick the categories, for example Air Terminals.
- 2 Check the pattern. The default is {SystemAbbr}-{Level}-{Seq}.
- 3 Set the {Seq} start and digits, for example start 1 and 3 digits.
- 4 Review the preview and look for rows flagged "value used more than once".
- 5 Untick any row you don't want and confirm.

**TIP** Repeated values are flagged but not blocked, so check those rows before you confirm. Elements are numbered level by level, then top to bottom, then left to right.



## Workset Organizer

CHANGES THE MODEL

Button: Move Worksets · Data & Parameters panel button

Moves elements across the whole model to the workset set for their category. It works on workshared models only.

- 1 Open a workshared model and click Move Worksets.
- 2 Check the category to workset rules. They are the same rules Workset Compliance Checker uses.
- 3 Review the preview. Elements already on the right workset aren't listed.
- 4 Untick any row you don't want, confirm, then read the results report.

**TIP** Run it before Sync with Central so new elements land on the right worksets. Elements borrowed by another user are skipped and listed in the report.

# Coordination



Use these tools to find clashes, tight gaps and sleeve locations, check your links, and set up coloured 3D views for coordination. You can then send the results out as one Excel issue list.

## Sleeves through structure

Sleeve sizes cover the run, its insulation (if you tick that option) and clearance only. The tools don't check whether a beam, column, wall or slab can take the opening, or whether it is fire-rated. Send every crossing through structure to the structural engineer before it goes on the builder's work drawings, and seal crossings through fire-rated walls and floors with a tested fire-stopping system.

## Work faster

- Before a clash run, open Linked Model Inspector to check each link's status, whether it is pinned, and that it has only one instance.
- Run Clash Candidate Finder, Clearance Checker and Sleeve Candidate Finder, then open Issue Report Exporter to turn their results into one numbered Excel issue list.
- Export before you run a check again: each new run replaces the last list of that kind and restarts the issue numbers.
- Use Find Sleeves to review and agree sleeve sizes, then Place Sleeves to put the sleeves in with the same options. Create views with Coord Views, then colour them with Colour Coord.



## Clash Candidate Finder

READ-ONLY CHECK

Button: Clashes • Coordination panel button

Lists where MEP elements of the categories you tick intersect building or MEP elements in your model and/or loaded links, as candidates to review.

- 1 If you want to check against other disciplines, make sure their Revit links are loaded.
- 2 Click Clash Candidate Finder, choose the Scope and tick the MEP categories to check.
- 3 Under Check against, tick the categories to test against and choose host model and/or loaded links.
- 4 Tick Exact geometry test for solid intersections, or untick it for a quicker bounding-box check.
- 5 Run it, then double-click a row or use Select & Zoom to review each candidate.

**TIP** The results are candidates, not verified clashes, so review each one. Use Save Excel... to keep the list, or open Issue Report Exporter to number it.



## Clearance Checker

READ-ONLY CHECK

Button: Clearance · Coordination panel button

Lists pairs of straight ducts, pipes, cable trays, conduits and flex runs that sit closer together than your minimum clearance.

- 1 Click Clearance Checker, choose the Scope and tick the categories to measure.
- 2 Enter the minimum clearance in mm (default 25 mm).
- 3 Tick Include insulation if the insulation thickness should be added to each run's size.
- 4 Run it. Pairs are listed closest first, and a negative gap means the runs overlap.
- 5 Double-click a row or use Select & Zoom to look at each pair.

**TIP** It measures runs in your host model only, not in links. Open Issue Report Exporter afterwards to add the pairs to your issue list.



## Sleeve Candidate Finder

READ-ONLY CHECK

Button: Find Sleeves · Sleeves drop-down

Finds where your straight pipes, ducts, cable trays and conduits pass through walls, floors, framing, roofs or ceilings, and suggests a sleeve size for each. It sizes sleeves only and doesn't check the structure or its fire rating.

- 1 Open the Sleeves drop-down and click Find Sleeves.
- 2 Choose the Scope, tick the run categories, and choose host model, loaded links or both.
- 3 Set the clearance each side and the rounding step (both 25 mm by default), and choose whether to add insulation.
- 4 Run it. Each crossing is listed with its sleeve size and host thickness.
- 5 Use Select & Zoom to check each crossing, then Save Excel... or open Issue Report Exporter.

**TIP** Crossings that already have a family named "sleeve" or "opening" in your model show as info, so you can see which ones are already done.



## Sleeve Placement Assistant

CHANGES THE MODEL

Button: Place Sleeves · Sleeves drop-down

Places a sized sleeve family in your model at each crossing it finds, turned to the run, even where the wall or floor is in a link. Openings in structure need the structural engineer's approval first.

- 1 Load a sleeve family that is non-hosted, level-based or work-plane-based, with size and length instance parameters.
- 2 Open the Sleeves drop-down, click Place Sleeves, and set the same options you used in Find Sleeves.
- 3 Choose the Horizontal and Vertical sleeve families, type their size and length parameter names, and set extend each end.
- 4 Check the preview, untick rows you don't want, and tick All or nothing if one failure should roll back everything.
- 5 Confirm, then use Select & Zoom on the results to check the placed sleeves.

**TIP** Try it on a copy of the model first. One Ctrl+Z undoes the whole run, and running it again skips crossings that already have a sleeve.



## Linked Model Inspector

READ-ONLY CHECK

Button: Links · Coordination panel button

Reports on every Revit link and CAD file in the model, so you can spot link problems before you coordinate.

- 1 Open the host model with its Revit links and click Linked Model Inspector.
- 2 For each link, check its status, path, number of instances, and whether it is pinned.
- 3 Look for link levels that share a host level name but have a different elevation.
- 4 Review the CAD rows for imported CAD and for linked CAD that is unpinned or current-view-only.
- 5 Use Select & Zoom to find an item, and Save Excel... to keep the report.

**TIP** The report only points out problems, and you fix them yourself in Revit. A link with more than one instance is flagged as a warning.



## Coordination Colorizer

CHANGES THE MODEL

Button: Colour Coord · Coord Views drop-down

Colours whole categories or whole linked models in the active view, so each trade or model is easy to tell apart.

- 1 Open the plan, section, elevation or 3D view you want to colour.
- 2 Open the Coord Views drop-down and click Colour Coord.
- 3 Set one row per category or linked model: colour, transparency % and halftone. Press Enter after each cell edit.
- 4 If the view's template controls Visibility/Graphics, decide whether to tick change the template.
- 5 Check the preview and confirm.

**TIP** To remove the colours later, run it again and use Reset listed targets. Changing a template affects every view that uses it, so check first.



## Coordination View Generator

CREATES VIEWS AND SHEETS

Button: Coord Views · Coord Views drop-down

Creates 3D coordination views with a section box, one per level or one per scope box, named with a prefix you choose.

- 1 Open the Coord Views drop-down and click Coord Views.
- 2 Choose per level or per scope box, and tick the ones you want.
- 3 Set the name prefix and, if you want, pick a 3D view template.
- 4 Choose whether existing views with the same name get their section box updated or are skipped.
- 5 Check the preview and confirm. The first new view opens afterwards.

**TIP** Run it again with the section box update chosen to refresh existing views after levels change. It never makes duplicates, and Colour Coord can then colour the views.



## Issue Report Exporter

EXPORTS FILES

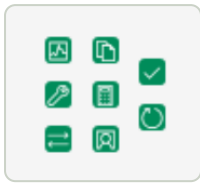
Button: Issue Report · Coordination panel button

Turns the saved results of the clash, clearance and sleeve checks into a numbered Excel issue list, with an optional 3D view per issue.

- 1 Run Clash Candidate Finder, Clearance Checker and/or Sleeve Candidate Finder first.
- 2 Click Issue Report Exporter and tick the saved lists (Clash, Clearance, Sleeve) to export.
- 3 For a 3D view per issue, tick that option and set the box size, maximum number of views and name prefix.
- 4 Run the export. Each check gets its own sheet in Excel.

**TIP** Leave 3D view per issue unticked if you only want the Excel file. Use the Assigned To and Comments columns to track each issue.

# QA/QC



These eight checks find problems in your model without changing anything. Use them to audit a model or to tidy your own work before you sync or share it.

## Work faster

- Start with Model Health when you take over a model or start a new stage. It is a safe first tool and shows the overall state.
- Run Pre-Sync before every Sync with Central, then open the detailed check each line points to, such as Open Ends or System Assignment Checker.
- Run System Assignment Checker before system-based tools such as MEP View Filter Builder, System Visibility Manager or Color by System.
- Pair each check with its fixing tool: Workset Compliance Checker with Workset Organizer, Template Compliance Checker with Apply View Templates, and Size & Elevation Checker with Pipe/Duct Elevation Editor.



## Model Health Audit

READ-ONLY CHECK

Button: Model Health • QA/QC panel button

Gives you a health report on the model, including Revit warnings by type, file size, in-place families, imported CAD and unloaded links.

- 1 Click Model Health on the QA/QC panel.
- 2 Choose whether to count purgeable elements. Answer No on big models if you don't need that count.
- 3 Review the report: warnings by type, file size, families, CAD, links, groups, design options, spaces and views.
- 4 Double-click a row or use Select & Zoom to see an example element.
- 5 Use Save Excel... or Save CSV... to keep the report.

**TIP** Counting purgeable elements can take minutes on big models. The toolkit never purges anything, even when it counts them.



## Unconnected End Checker

READ-ONLY CHECK

Button: Open Ends · QA/QC panel button

Lists every open duct, pipe, cable tray or conduit end, including open connectors on fittings and equipment.

- 1 Click Open Ends and choose the Scope (whole model, active view or current selection).
- 2 Choose which connectors to check: HVAC, Piping and/or Tray & conduit.
- 3 Run the check. Each open end is listed with its size, position and level.
- 4 Double-click a row or use Select & Zoom to go to it, then connect or cap it.
- 5 Run the check again to confirm the list is clear.

**TIP** Caps count as connected. Run it after rerouting or deleting part of a system to find the ends that were left open.



## System Assignment Checker

READ-ONLY CHECK

Button: No System · QA/QC panel button

Finds ducts and pipes with no system, and fittings, accessories, terminals and equipment whose connectors aren't in a system.

- 1 Click System Assignment Checker, choose the Scope and tick the categories to include.
- 2 Run the check. Each element without a system is listed with its element id.
- 3 Read each row's message. "n of m connectors" means only some connectors are missing a system.
- 4 Double-click a row or use Select & Zoom, then connect it or assign the system in Revit.
- 5 Run the check again to confirm.

**TIP** It is a quick way to find free-standing air terminals or equipment that were never connected to a system.



## Duplicate Element Finder

READ-ONLY CHECK

Button: Duplicates · QA/QC panel button

Finds elements with the same category, type and position, so you can remove copies placed on top of each other.

- 1 Click Duplicates, choose the Scope and tick the categories to include.
- 2 Set the tolerance (default 1 mm).
- 3 Run the check. Each group shows the original as an Info row and the copies as Warning rows.
- 4 Double-click a row or use Select & Zoom to review each group.
- 5 Delete the copies yourself in Revit, then run the check again.

**TIP** Run it after copying, pasting or importing, or when quantities look too high. Nothing is deleted for you, so review each group first.



## Size & Elevation Checker

READ-ONLY CHECK

Button: Size & Height · QA/QC panel button

Checks pipes, ducts, cable trays, conduits and flex runs against your size and height rules and lists every run that breaks one.

- 1 Click Size & Elevation Checker and choose the Scope.
- 2 In the rules table, fill in a row for each category you want to check.
- 3 Enter Min/Max size (mm) and/or Min bottom height / Max top height (mm). Leave a cell empty to skip it.
- 4 Type text in System contains to limit a rule to certain systems. Press Enter after each cell edit.
- 5 Run the check, then use Select & Zoom to find each run that breaks a rule.

**TIP** Heights are measured from each run's own reference level. To fix heights, use Pipe/Duct Elevation Editor on the MEP Modeling panel.



## Workset Compliance Checker

READ-ONLY CHECK

Button: Worksets · QA/QC panel button

In a workshared model, checks that elements are on the workset your rules expect for their category.

- 1 Open a workshared model and click Workset Compliance Checker.
- 2 Set the rules: one category and its expected workset per row. Press Enter after each cell edit.
- 3 If you want, tick the option to also flag MEP elements left on Workset1 or Shared Levels and Grids.
- 4 Run the check. Each element on the wrong workset is listed with its element id.
- 5 Use Select & Zoom to review them, then move them yourself or with Workset Organizer.

**TIP** Workset Organizer on the Data & Parameters panel uses the same rules and can move the elements for you across the whole model.



## Template Compliance Checker

READ-ONLY CHECK

Button: View Templates · QA/QC panel button

Flags plans, 3D views, elevations and sections with no view template or a template meant for another kind of view, plus your own rules.

- 1 Click Template Compliance Checker on the QA/QC panel.
- 2 Add any rules: view type + name contains, and the expected template. Press Enter after each cell edit.
- 3 Type text in Ignore views containing to skip views such as working views.
- 4 Run the check, then use Select & Zoom on a row to open that view.
- 5 Fix the views yourself, or use Apply View Templates on the Project Setup panel.

**TIP** Run it before issuing drawings or after creating many views. Apply View Templates can show only views without a template, which makes the fix quicker.



## Pre-Sync Audit

READ-ONLY CHECK

Button: Pre-Sync · QA/QC panel button

Gives a one-click summary of problems to check before Sync with Central, with each line pointing to the detailed check.

- 1 Open the model you are about to sync and click Pre-Sync.
- 2 Read the summary: warnings, open ends, elements without a system, imported CAD, worksets, ownership and unsaved changes.
- 3 For any line with issues, run the detailed check it points to.
- 4 When you are happy with the result, sync with central as usual.

**TIP** Use it at the end of the day too, to see which worksets you still have editable and which MEP elements you own before you hand over.

# Documentation



Use this panel to get drawings ready for issue. Tag elements, find what is still untagged, create schedules and sheets, place views, audit sheet numbers and export to PDF and DWG.

## Work faster

- Tag a view with Batch Tagger, then run Missing Tag Checker to confirm nothing was missed. Tag what it finds and check again.
- Once your sheets exist, for example from Batch Sheets, use Place Views to fill them. Its Save a template lists the views not yet on a sheet.
- Before an issue, run Sheet Audit to catch numbering gaps, empty sheets and sheets without a title block, then export the set with Documentation Export.
- Schedule Generator and Batch Sheets skip items that already exist, and Documentation Export skips existing files unless Overwrite is ticked, so you can re-run them to add only new items.



## Batch Tagger

CHANGES THE MODEL

Button: Batch Tag • Documentation panel button

Tags every visible element of the ticked categories in the active view, or only the elements you selected, using each category's default tag.

- 1 Load a tag family for each category you want to tag, or load a multi-category tag.
- 2 Open a plan, ceiling plan, section, elevation, detail or locked 3D view. Select elements first to tag only some.
- 3 Click Batch Tagger, tick the categories, and set With leader, Vertical, Offset and Skip runs shorter than.
- 4 Tick Skip elements already tagged in this view so a re-run doesn't tag them twice.
- 5 Review the preview, confirm, then tidy any overlapping tags by hand.

**TIP** In a 3D view, lock the view first or the tool won't run. One Ctrl+Z undoes the whole run.



## Missing Tag Checker

READ-ONLY CHECK

Button: Missing Tags · Documentation panel button

Lists the visible elements of the ticked categories that have no tag in the active view, so you know what still needs tagging.

- 1 Open the view to check: a plan, section, elevation or locked 3D view.
- 2 Click Missing Tag Checker, tick the categories and choose whether short runs are ignored.
- 3 Run the check. Double-click a row, or use Select & Zoom, to find an element.
- 4 Use Save Excel... or Save CSV... to keep the list.
- 5 Tag the missing elements, for example with Batch Tagger, then run the check again.

**TIP** Each category's summary line also tells you when no tag family is loaded for it, so you know to load one before tagging.



## Schedule Generator

CREATES VIEWS AND SHEETS

Button: Schedules · Documentation panel button

Creates several schedules in one run from a table, with one row per schedule.

- 1 Click Schedule Generator. The table starts with four example rows you can edit.
- 2 For each row, set the category, schedule name, fields separated by ; and the field to sort by.
- 3 Name the fields as they appear in Revit's Schedule Properties.
- 4 Press Enter after editing a cell, before you click a button. Tick Itemize every instance if you need it.
- 5 Review the preview and confirm. The first new schedule opens afterwards.

**TIP** Schedules whose names already exist are skipped, so you can run it again later to add more. Fields a category doesn't have are reported as warnings.



## Batch Sheet Creator

CREATES VIEWS AND SHEETS

Button: Batch Sheets · Sheets drop-down

Creates many sheets at once from an .xlsx or .csv table, and can fill other sheet parameters such as Drawn By.

- 1 In the Sheets drop-down, choose Batch Sheets and use Save an empty template.
- 2 Fill in one row per sheet: Sheet Number, Sheet Name and Title Block.
- 3 Title Block takes Family : Type or the type name. Leave it empty for the first loaded one, or type none.
- 4 Add a column named after any other sheet parameter, such as Drawn By, to fill it.
- 5 Save the table, choose it in Batch Sheets, review the preview and confirm.

**TIP** Existing and repeated sheet numbers are skipped, so a re-run won't create duplicates. Check the results report for values that couldn't be set.



## Place Views on Sheets

CHANGES THE MODEL

Button: Place Views · Sheets drop-down

Places views on sheets, either by picking views for one sheet or from a table that pairs sheet numbers with view names.

- 1 For one sheet, open it first so it is preselected, then choose Place Views in the Sheets drop-down.
- 2 Choose Pick views for one sheet, check the sheet and tick the views.
- 3 For many sheets, use Save a template to get a list of unplaced views and sheets.
- 4 Fill in Sheet Number and View Name columns (add View Type when names repeat), then choose Use a table.
- 5 Review the preview, confirm, and move views by hand where they overlap.

**TIP** New views go in one row centred on the title block and don't avoid views already there, so check sheets that already had views.



## Sheet Number Auditor

READ-ONLY CHECK

Button: Sheet Audit · Sheets drop-down

Checks every sheet for numbering gaps, numbers that break your pattern, missing title blocks, empty sheets and name problems.

- 1 In the Sheets drop-down, choose Sheet Audit.
- 2 To check the number format, enter a pattern as a regular expression, for example `^[A-Z]{1,2}-\d{3}$`.
- 3 Run the check. Double-click a row, or use Select & Zoom, to go to the sheet.
- 4 Use Save Excel... or Save CSV... to keep the list.
- 5 Fix the issues in Revit, then run the audit again.

**TIP** Run it before an issue to catch missing numbers, for example M-102 between M-101 and M-103. It never changes the model.



## Documentation Export (PDF / DWG)

EXPORTS FILES

Button: Export · Documentation panel button

Exports sheets or views to PDF and DWG in one run, with file names built from a pattern, without changing the model.

- 1 Select sheets or views first if you like, so they are pre-ticked, then click Documentation Export.
- 2 Choose Sheets or Views, tick the items and formats, and choose the folder.
- 3 Set the File name pattern with tokens such as {Number}, {Name}, {Revision}, {Project} and {Date}.
- 4 For PDF, choose colour or black lines, and tick Combine all PDFs into one file if needed.
- 5 For DWG, pick an export setup. Tick Overwrite to replace existing files, then run the export and check the report.

**TIP** Without Overwrite, existing files are skipped, so you can export only the new drawings into an existing folder.

# Views & Display



Use this panel to show, hide or colour MEP systems in many views at once, set view crops, and keep views and templates tidy. The buttons show icons only, so hover over each one to see its name.

## Work faster

- Run MEP View Filter Builder first to set up all your system filters in one go, then use System Visibility Manager or Color by System on your views.
- Want your own colours? Set Line Color on your system types before you run Color by System.
- After Elevations & Sections on the Project Setup panel, run View Crop Assistant to replace Revit's default crops.
- To tidy up, run View Cleanup and View Template Audit, share the lists with Save Excel..., then fix items in Revit. View Naming Manager renames views in bulk.



## MEP View Filter Builder

CHANGES THE MODEL

Button: View Filters • Views & Display panel button

Creates one view filter for each piping or ductwork system type you tick, ready to show, hide or colour that system.

- 1 Click MEP View Filter Builder on the Views & Display panel.
- 2 Tick the system types that need a filter.
- 3 Check the preview. Filters that already exist are reused, not changed.
- 4 Untick rows you don't want, tick All or nothing if you like, then confirm.

**TIP** It only creates the filters, named FT\_P\_ for piping and FT\_D\_ for ductwork. Use System Visibility Manager or Color by System to put them on views.



## System Visibility Manager

CHANGES THE MODEL

Button: Show/Hide Systems • Views & Display panel button

Shows or hides chosen piping and ductwork systems in many views at once.

- 1 Click System Visibility Manager, then tick the views and the system types.
- 2 Choose Show or Hide. Tick ...and hide every other system to also hide the systems you didn't tick.
- 3 If a view's template controls filters, tick change the template, or that view is skipped.
- 4 Review the preview, untick rows you don't want, and confirm.

**TIP** You don't need to run MEP View Filter Builder first, as missing filters are created for you. Changing a template affects every view that uses it.



## Color by System

CHANGES THE MODEL

Button: Color by System · Views & Display panel button

Colours piping and ductwork systems in the chosen views, using each system type's Line Color or a distinct palette colour.

- 1 Click Color by System, then tick the views and the system types.
- 2 Tick Solid fill if surfaces and cut patterns should be filled as well as lines.
- 3 If a view's template controls filters, tick change the template, or that view is skipped.
- 4 Review the preview, confirm, and check the report for any fill pattern warning.

**TIP** Set Line Color on your system types first to get your own colours. Solid fill needs a solid drafting fill pattern in the project.



## View Crop Assistant

CHANGES THE MODEL

Button: View Crop · Views & Display panel button

Switches on and sets the crop region of many views at once, around MEP elements, everything, the model extents or a scope box.

- 1 Click View Crop Assistant and tick the views.
- 2 Choose Crop to: MEP elements in the view, Everything in the view, Model extents or Scope box.
- 3 Enter the margin in mm, for example 1000 for 1 m around the elements.
- 4 Review the preview, confirm, and read the results report.

**TIP** Only the crop outline changes, not the view depth. Views that already have a scope box are skipped unless you choose Scope box.



## View Template Audit

READ-ONLY CHECK

Button: Template Audit · Views & Display panel button

A read-only report showing which templates are unused or have look-alike names, and which views use a template meant for another view type.

- 1 Click View Template Audit on the Views & Display panel.
- 2 Set the options and run the check. They're remembered for next time.
- 3 Read the report. Each finding is an orange Warning row.
- 4 Use Select & Zoom to open a view, and Save Excel... or Save CSV... to share the list.

**TIP** It never changes the model, so delete or rename templates yourself in Revit. Names that differ only by scale aren't flagged as duplicates.



## View Cleanup (find only)

READ-ONLY CHECK

Button: View Cleanup · Views & Display panel button

Finds views not on any sheet, views with default or copied names, empty sheets and, optionally, unplaced schedules. Nothing is deleted.

- 1 Click View Cleanup on the Views & Display panel.
- 2 Choose whether to include schedules not on any sheet, then run the check.
- 3 Read the report. Each finding is an orange Warning row.
- 4 Use Select & Zoom to open a view or sheet from the list.
- 5 Delete or rename the items yourself in Revit. View Naming Manager can rename views in bulk.

**TIP** Run it before an issue or archive, and use Save Excel... to share the list for review before anyone deletes views.

# Utilities



The Utilities panel has everyday helpers: select elements by parameter rules, isolate a system in the view, and inspect an element's parameters and connectors. It also has tools to check the toolkit works on your computer and to help you report a problem.

## Work faster

- Right after installing, run Compatibility first, then Self-Test in a test project.
- Use Element Inspector to find a parameter's exact name, then build your rule in Select by Rule.
- Use Select by Rule with Count matches to build a selection, then run another tool on the current selection.
- When you report a problem, say which Revit version Compatibility shows, what you ran (History) and whether Self-Test passed. Don't post log files or reports on the public board.



## Select by Rule

UTILITY

Button: Select • Utilities panel button

Selects the elements that match your parameter rules, for example every duct wider than 300 mm, without changing the model.

- 1 Click Select on the Utilities panel and choose the categories to search.
- 2 Add one or more rules, each with a parameter, an operator and a value.
- 3 Choose match all or match any.
- 4 Click Count matches to see how many elements match.
- 5 Click Select to replace the current selection with the matches.

**TIP** Numbers use project units, so type 100 for 100 mm. Select replaces your current selection rather than adding to it.



## Isolate Selected System

UTILITY

Button: Isolate · Utilities panel button

Shows one MEP system on its own in the current view, or selects every element of it, starting from any element in the system.

- 1 Select any duct, pipe, fitting, terminal or equipment in the system, or the system in the System Browser.
- 2 Click Isolate on the Utilities panel.
- 3 Choose Isolate to temporarily hide everything else, or Select to select every element of the system.
- 4 When you are done, run it again with nothing selected, or use Reset Temporary Hide/Isolate.

**TIP** Isolate is temporary. Nothing is saved to the view, and the model doesn't change.



## Element Inspector

UTILITY

Button: Inspector · Utilities panel button

Lists every instance and type parameter of the elements you choose, plus their MEP connectors and what each one is connected to.

- 1 Select one or more elements, or pick one after the command starts.
- 2 Click the Element Inspector button on the Utilities panel.
- 3 Filter by name to find a parameter quickly.
- 4 Check the connector rows for size, connection and system. An unconnected connector shows as open.
- 5 Copy the list to the clipboard, or save it to Excel with one sheet per element.

**TIP** Use it to get a parameter's exact name, or see if it is read-only, before you set up a rule or edit it in another tool.



## Self-Test

UTILITY

Button: Self-Test · Utilities panel button

Runs a limited set of checks on temporary elements in the open project. It does not validate every command or certify the release.

- 1 Open a test project, not a live model, with a level, pipe and duct types and their system types.
- 2 Finish any edit you are in the middle of, then click Self-Test on the Utilities panel and answer Yes.
- 3 Read every result. Current checks found one sleeve-placement failure in Revit 2024.3.60; a zero-failure summary alone does not prove full coverage.
- 4 Check that no new elements, views, sheets, schedules or filters remain in the model.
- 5 The results file is in the selftest folder (Settings opens it). It names your model, so keep it off the public board.

**TIP** The summary counts an unexercised linked-model case as passed. Treat it as untested. Missing families can skip other checks. Use a disposable model and read the current release review.



## Command History

UTILITY

Button: History · Toolkit drop-down

Shows which toolkit commands ran, when, on which document, and the result of each run.

- 1 Open Utilities > Toolkit > History.
- 2 Read the list: what ran, when, on which document, and the result.
- 3 For the full detail of a run, open its saved results report in the reports folder, which Settings opens for you.

**TIP** Check it before running a tool again on a model, to see whether it already ran and whether it finished cleanly or with warnings.



## Tool Settings

UTILITY

Button: Settings · Toolkit drop-down

Opens the toolkit's settings, profiles, logs and reports folders, and brings back the default profiles.

- 1 Open Utilities > Toolkit > Settings.
- 2 Choose the folder to open: settings, profiles, logs or reports.
- 3 To get the starting profiles back (Data Centre MEP, General MEP and Custom), restore the default profiles.

**TIP** Copy a profile file from the profiles folder to give a colleague the same setup. Logs stay on your PC; don't post them on the public board.



## Compatibility Check

UTILITY

Button: Compatibility · Toolkit drop-down

Shows your Revit version and details about the open model, and warns when the model is workshared or a cloud model.

- 1 Open the project you want to work on.
- 2 Open Utilities > Toolkit > Compatibility.
- 3 Read the report, including your Revit version and the model's type and units.
- 4 If it warns that the model is workshared or a cloud model, test the tools on a copy first.

**TIP** This package targets Revit 2024 and Revit 2025 with update 2025.5. Compatibility information is not proof that every command has been validated.

# Getting help

Questions, problems, or an idea for a new tool? Post it on the Ideas board:

[farisdaexplorer.com/community-ideas](https://farisdaexplorer.com/community-ideas).

For a problem, say which Revit version you use, what you did and what happened, and whether **Utilities > Self-Test** passed. The board is public, so don't post log files, reports or screenshots that show model, project or client names.

## Quick tips

- When editing a table cell, press **Enter** before clicking a button, so your value is kept.
- If a tool's window covers Revit, close it to see the result in the model.
- Before installing a new version, close Revit completely.

## Licence

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