OneFilter

How it works.

OneFilter a free Revit plugin to quickly find and filter Revit Families in your Revit Projects.

Filtering options:

- Filter
  Find Revit families by Category, Parameter name, and Parameter value.

- Rules & Sets
  Create filter chains using logical operators (AND/OR) to narrow down your selection.

- Contains
  Find Revit elements such as Ducts, Walls, Windows, etc. within Areas, Masses, Rooms, Spaces, and Zones

Additional features:

- 'Contains' Tab: build a custom value (e.g., Room Name + Room Number) to insert in the desired instance parameter (e.g., location).

- Create a Section Box around the selected elements, define an offset value, and duplicate or modify the current View.

How to use it.

'Filter' Tab

1 – Select if you want to filter elements within the 'Whole Model', 'Active View', or 'Current Selection'.

2 – Select the Disciplines.

3 – Select the Categories.

4 – Select the Parameter name and the Parameter value. Then click on the 'Filter' button.

5 – Displays the elements found.

6 – Click on the "Select" button to select the marked elements in the model

'Rules & Sets' Tab

1 – Select if you want to filter elements within the 'Whole Model' or 'Active View'.

2 – Select the Disciplines.

3 – Select the Categories.

4 – Create your set of rules using logical operators (AND/OR) to narrow down your selection. Select the Parameter name and the Parameter value. Then click on the 'Filter' button.
Note: Logical operator between rules sets is AND.

5 – Displays the elements found.

6 – Click on the "Select" button to select the marked elements in the model

'Contains' Tab

1 – Select if you want to filter elements within Areas, Masses, Rooms, Spaces, and Zones

2 – Select the Disciplines.

3 – Select the Categories.

4 – Select the number and name of the spatial type that you selected on step one (in the example below we are using Rooms).

5 – Click on the 'Find' button to find the elements inside the Rooms

6 – Displays the elements found inside the selected Rooms.

7 – Click on the "Set Parameter Value" to assign the default value (displayed int the green column) to an instance parameter.

Note: How to customize this value will be explained below.

8 – Choose how do you want to handle scenarios in which an element is in multiple Rooms.

9 – Click on a parameter to select (this is the parameter that will receive the value)
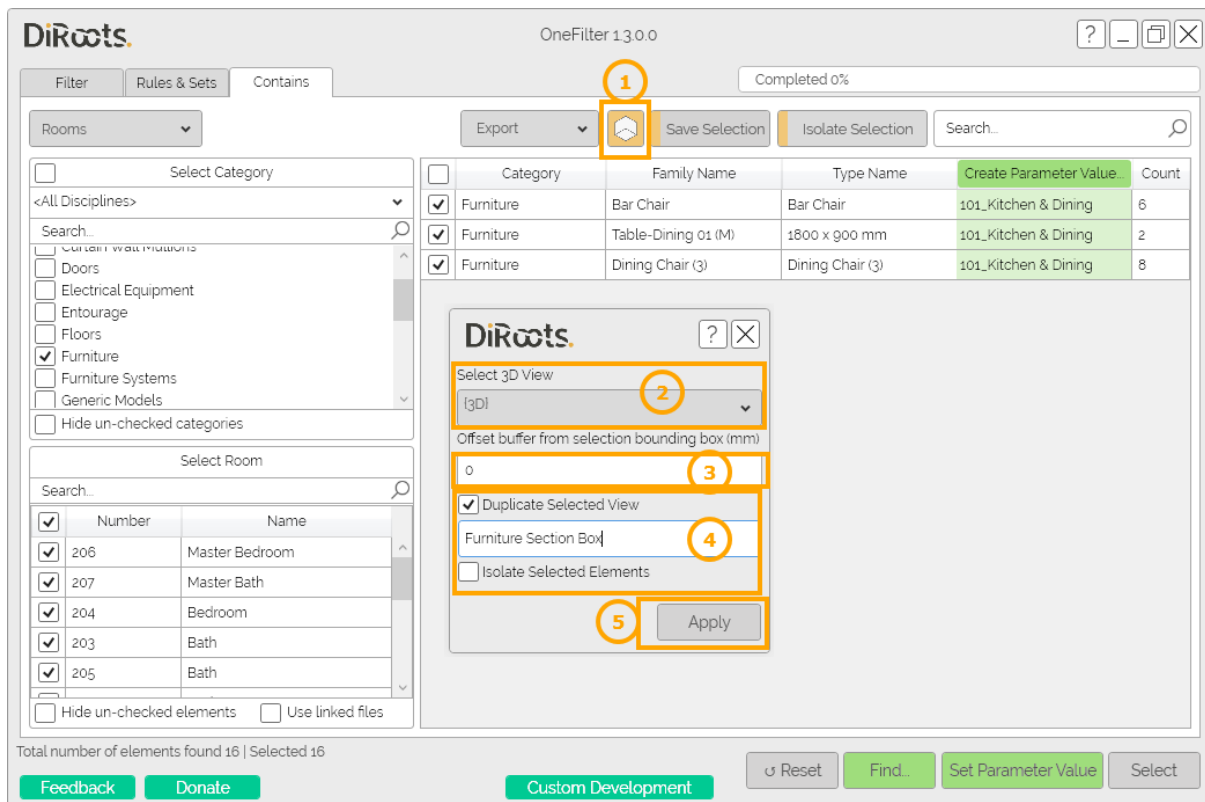
10 – Click on the 'Apply' button to set the value.

'Contains' Tab – creating a custom value to insert into an instance parameter

1 – Click on the 'Create Parameter Value' button.

2 – Select the parameters and use the arrows described on number 4 to add the parameters.

3 – Select the field separator.

4 – Arrows to add or remove parameters.

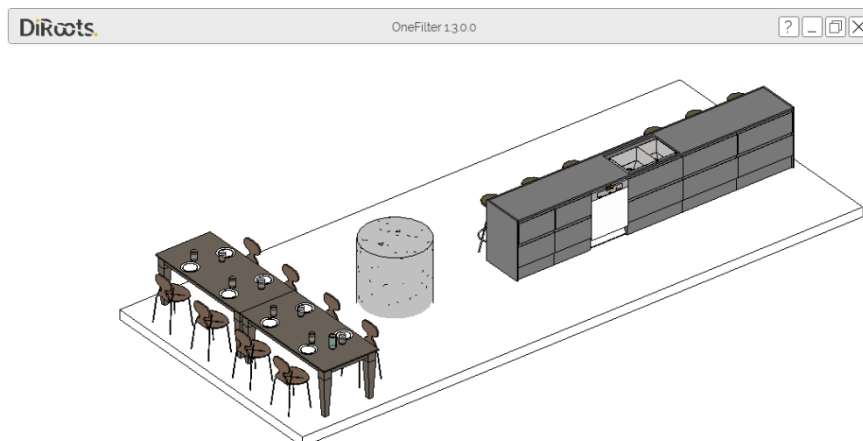5 – Click on the 'Apply' button to create the custom value.

Create a Section Box around the selected elements, define an offset value, and duplicate or modify the current View.

1 – Click on the Section Box button.

2 – Select the View to be modified or duplicated.

3 – Set the offset.

4 – In case you want to duplicate the View, you need to name it.

4 – Click on the 'Apply' button to create the Section Box

The result: