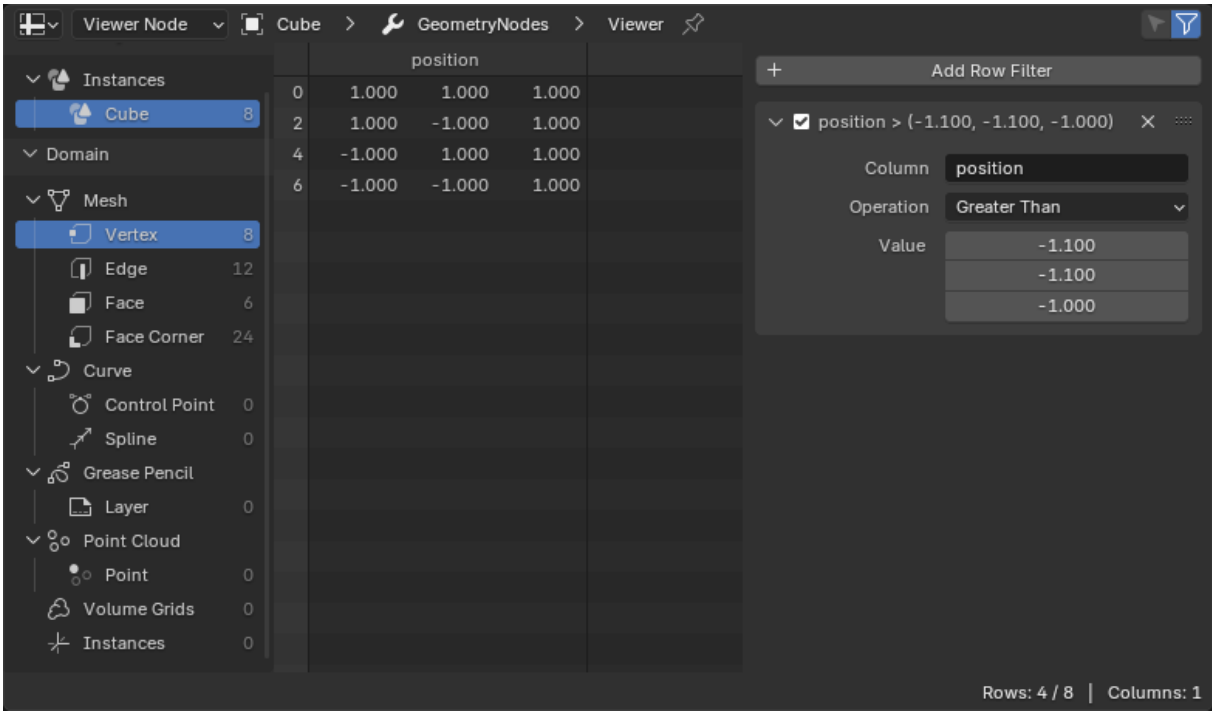# Spreadsheet

The Spreadsheet editor is used to inspect the geometry attributes of the active object, typically in order to debug geometry nodes.

The Spreadsheet editor.

Header

Object Evaluation State

The state for which to display data.

Evaluated:

Display data from the object with all modifiers applied.

Original:

Display data from the original object without any modifiers applied.

Viewer Node:

Display the data that's fed into the active Viewer Node.

You can also toggle between *Evaluated* and *Viewer Node* by clicking the eye icon in the Viewer node's header.

Breadcrumbs

Shows the name of the active object, and (if *Object Evaluation State* is set to *Viewer Node*) the name of the Geometry Nodes modifier and the active Viewer node.

You can click one of the arrows between the names to hide the modifier.

Toggle Pin

Click to "lock" the editor to the currently active object, and have it keep displaying that object's data even if another object becomes active. Click again to unlock.

Selected Only

This option is only available if the object is in Edit Mode. When checked, only data for the selected geometry elements is shown.

Use Filter

Whether to use the filters that are defined in the Sidebar (see below).

Main Region

Main Region

The main view shows the actual spreadsheet. Column names and row indices remain visible when scrolling down or to the side.

> Note
>
> Tooltips give more detail about the value, depending on the [type](#). For example, *Byte Color* attributes are displayed as scene linear floats, but the actual integer values are displayed when hovering over the float values, and *Matrix* attribute values are only displayed in tooltips.

Data Set Region

With region on the left, you can choose what to display data for. The top tree lets you pick from the hierarchy of geometries, such as a mesh inside an instance. The bottom tree lets you pick a domain, such as mesh vertices or curve splines.

Each tree item shows the number of elements inside.

Sidebar

In the Sidebar, you can define filters so that only the rows matching these filters are displayed. Click *Add Row Filter* and set up the properties described below.

Enabled

Uncheck to temporarily disable the filter.

Column

The name of the column to filter on. If there is no column with the specified name, the filter will be grayed out and ignored.

If you want to filter on an attribute from another domain, you can use the [Store Named Attribute Node](#) to create a copy that's converted to the current domain, then filter on that.

Operation

For numerical columns, you can select one of the following comparison operators. Other columns only support *Equal To*.

Equal To:

Only display rows whose value for the column is equal to the filter value (within the specified threshold).

Greater Than:

Only display rows whose value for the column is greater than the filter value.

Less Than:

Only display rows whose value for the column is less than the filter value.

Value

The filter value to compare the row value to.

Threshold

How much the row's value is allowed to deviate from the filter value before it is excluded.

Status Bar

The status bar shows how many rows and columns there are, and how many rows remain after filtering.

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