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Scale Elements Node

Scales the selected faces or edges, letting you specify a scaling factor and pivot point for each one. Connected faces/edges are scaled together using their average factor and pivot point.

Inputs

Geometry

Standard geometry input.

Selection

Boolean field indicating which elements to scale.

Scale

The scaling factor for each element.

Center

The pivot point for each element.

Axis **Single Axis Mode Only**

Axis along which to scale each element. This vector is normalized internally, so the length does not matter.

Properties

Domain

The element type to transform.

Face:

Scale faces.

Edge:

Scale edges.

Scale Mode

Uniform:

Scale elements by the same factor in every direction.

Single Axis:

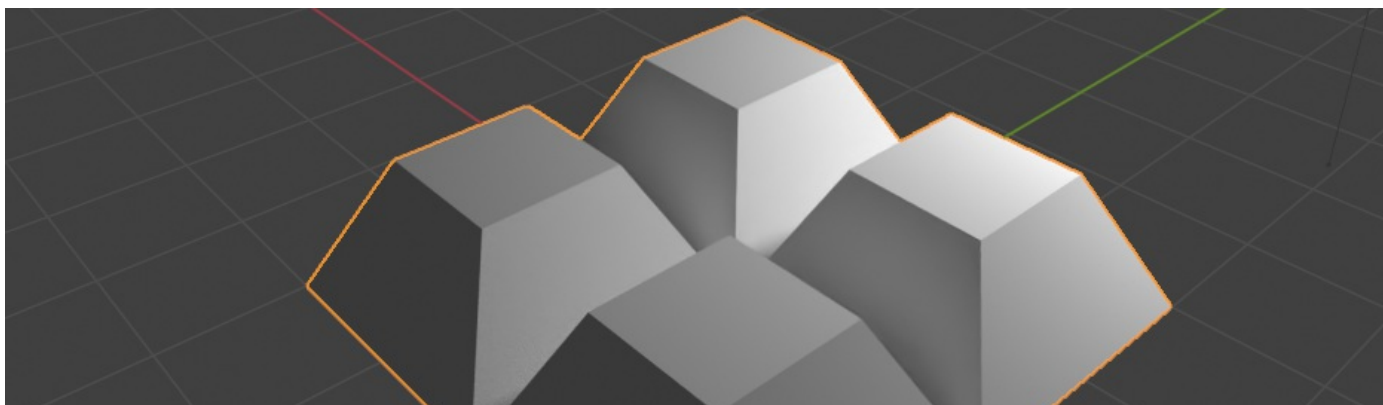
Scale elements in a single direction defined by the *Axis* input.

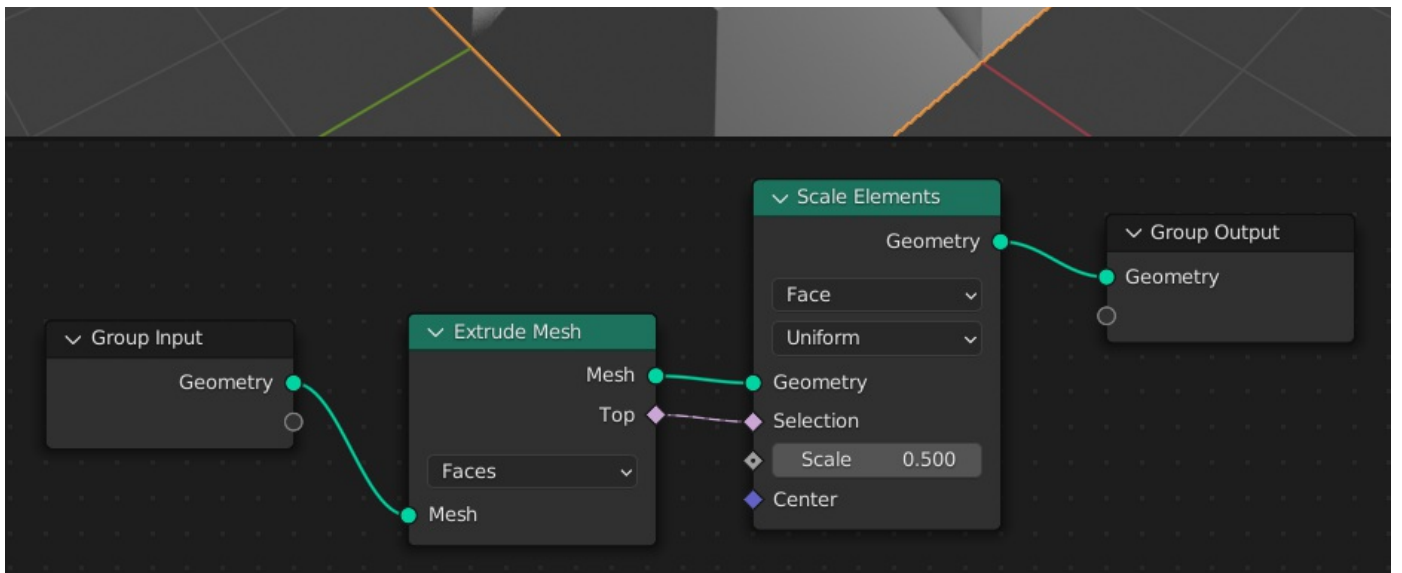
Output

Geometry

Standard geometry output.

Examples





The node is useful when combined with the [Extrude Mesh Node](#), especially in *Individual* mode where connected faces aren't extruded together.

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