

# Create Guide Index Map

Creates an integer attribute named `guide_curve_index` that stores the nearest guide curve for every curve to its nearest guide via index.

Other nodes in the [Hair Guides Nodes](#) category can generate guide maps themselves for convenience, but the behavior is always the same as this node.



## Inputs

### Geometry

### Guides

Guide Curves or Points used for the selection of Guide Curves.

### Guide Distance

Minimum distance between two guides.

### Guide Mask

Mask for which curve are eligible to be selected as guides.

### Group ID

ID to group together curves for guide map creation. Curves will only choose a guide with the same ID value.

## Properties

This node has no properties.

## Outputs

### Geometry

Output geometry including the new map attribute and the guide selection [anonymous attribute](#) as well. This geometry includes the guide curves, the are not separated.

### Guide Curves

Output geometry including only the selected guide curves.

### Guide Index

The index of the closest curve with the same *Group ID* value.

### Guide Selection

A selection in the *Geometry* output set to true for only the curves that were chosen as guides.