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GeometryNodeResampleCurve(GeometryNode)

base classes — `bpy_struct`, `Node`, `NodeInternal`, `GeometryNode`

class `bpy.types.GeometryNodeResampleCurve(GeometryNode)`

Generate a poly spline for each input spline

keep_last_segment

Don't collapse a curves to single points if they are shorter than the given length. The collapsing behavior exists for compatibility reasons.

TYPE:

boolean, default False

mode

How to specify the amount of samples

- `EVALUATED` Evaluated – Output the input spline's evaluated points, based on the resolution attribute for NURBS and Bézier splines. Poly splines are unchanged.
- `COUNT` Count – Sample the specified number of points along each spline.
- `LENGTH` Length – Calculate the number of samples by splitting each spline into segments with the specified length.

TYPE:

enum in ['EVALUATED', 'COUNT', 'LENGTH'], default 'COUNT'

classmethod `is_registered_node_type()`

True if a registered node type

RETURNS:

Result

RETURN TYPE:

boolean

classmethod `input_template(index)`

Input socket template

PARAMETERS:

index (*int in [0, inf]*) – Index

RETURNS:

result

RETURN TYPE:

`NodeInternalSocketTemplate`

classmethod `output_template(index)`

Output socket template

PARAMETERS:

index (*int in [0, inf]*) – Index

RETURNS:

result

RETURN TYPE:

`NodeInternalSocketTemplate`

classmethod `bl_rna_get_subclass(id, default=None)`

PARAMETERS:

id (*str*) – The RNA type identifier.

RETURNS:

The RNA type or default when not found.

RETURN TYPE:

`bpy.types.Struct` subclass

classmethod `bl_ma_get_subclass_py(id, default=None)`

PARAMETERS:

id (*str*) – The RNA type identifier.

RETURNS:

The class or default when not found.

RETURN TYPE:

type

Inherited Properties

- `bpy_struct.id_data`
- `Node.type`
- `Node.location`
- `Node.location_absolute`
- `Node.width`
- `Node.height`
- `Node.dimensions`
- `Node.name`
- `Node.label`
- `Node.inputs`
- `Node.outputs`
- `Node.internal_links`
- `Node.parent`
- `Node.warning_propagation`
- `Node.use_custom_color`
- `Node.color`
- `Node.color_tag`
- `Node.select`
- `Node.show_options`
- `Node.show_preview`
- `Node.hide`
- `Node.mute`
- `Node.show_texture`
- `Node.bl_idname`
- `Node.bl_label`
- `Node.bl_description`
- `Node.bl_icon`
- `Node.bl_static_type`
- `Node.bl_width_default`
- `Node.bl_width_min`
- `Node.bl_width_max`
- `Node.bl_height_default`
- `Node.bl_height_min`
- `Node.bl_height_max`

Inherited Functions

- `bpy_struct.as_pointer`
- `bpy_struct.driver_add`
- `bpy_struct.driver_remove`
- `bpy_struct.get`
- `bpy_struct.id_properties_clear`
- `bpy_struct.id_properties_ensure`
- `bpy_struct.id_properties_ui`
- `bpy_struct.is_property_hidden`
- `bpy_struct.is_property_overridable_library`
- `bpy_struct.is_property_readonly`
- `Node.poll_instance`
- `Node.update`
- `Node.insert_link`
- `Node.init`
- `Node.copy`
- `Node.free`
- `Node.draw_buttons`
- `Node.draw_buttons_ext`
- `Node.draw_label`

- [bpy_struct.is_property_readonly](#)
- [bpy_struct.is_property_set](#)
- [bpy_struct.items](#)
- [bpy_struct.keyframe_delete](#)
- [bpy_struct.keyframe_insert](#)
- [bpy_struct.keys](#)
- [bpy_struct.path_from_id](#)
- [bpy_struct.path_resolve](#)
- [bpy_struct.pop](#)
- [bpy_struct.property_overridable_library_set](#)
- [bpy_struct.property_unset](#)
- [bpy_struct.type_recast](#)
- [bpy_struct.values](#)
- [Node.socket_value_update](#)
- [Node.is_registered_node_type](#)
- [Node.poll](#)
- [Node.debug_zone_body_lazy_function_graph](#)
- [Node.debug_zone_lazy_function_graph](#)
- [Node.poll](#)
- [Node.bl_rna_get_subclass](#)
- [Node.bl_rna_get_subclass_py](#)
- [NodeInternal.poll](#)
- [NodeInternal.poll_instance](#)
- [NodeInternal.update](#)
- [NodeInternal.draw_buttons](#)
- [NodeInternal.draw_buttons_ext](#)
- [NodeInternal.bl_rna_get_subclass](#)
- [NodeInternal.bl_rna_get_subclass_py](#)
- [GeometryNode.poll](#)
- [GeometryNode.bl_rna_get_subclass](#)
- [GeometryNode.bl_rna_get_subclass_py](#)