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GeometryNodeCurveToPoints(GeometryNode)

base classes — bpy_struct, Node, NodeInternal, GeometryNode

class bpy.types.GeometryNodeCurveToPoints(GeometryNode)

Generate a point cloud by sampling positions along curves

mode

How to generate points from the input curve

- EVALUATED Evaluated Create points from the curve's evaluated points, based on the resolution attribute for NURBS and Bézier splines.
- COUNT Count Sample each spline by evenly distributing the specified number of points.
- LENGTH Length Sample each spline by splitting it 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 rna 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.hide
- Node.width
- Node.height
- Node.dimensions
- Node.name
- Node.label
- Node.inputs
- Node.outputs
- Node.internal links
- Node.parent
- Node.warning propagation Node.bl width max
- Node.use custom color Node.bl height default
- Node.color
- Node.color tag

- Node.select
 - Node.show options
- Node.show_preview

 - 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 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
- bpy_struct.is_property_set
- bpy struct.items
- bpy struct.keyframe delete
- bpy struct.keyframe insert
- hnw struct kews

- Node.poll instance
- Node.update
- Node.insert link
- Node.init
- Node.copy
- Node.free
- Node.draw_buttons
- Node.draw buttons ext
- Node.draw label
- 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

- ppy_perace.veyp

- 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

- 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

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