GeometryNodeAccumulateField(GeometryNode)

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

class bpy.types.**GeometryNodeAccumulateField(GeometryNode)**

> Add the values of an evaluated field together and output the running total for each element
>
> **data_type**
>
> > Type of data that is accumulated
> >
> > - `FLOAT` Float – Add floating point values.
> > - `INT` Integer – Add integer values.
> > - `FLOAT_VECTOR` Vector – Add 3D vector values.
> > - `TRANSFORM` Transform – Multiply transformation matrices.
> >
> > **TYPE:**
> >
> > > enum in ['FLOAT', 'INT', 'FLOAT_VECTOR', 'TRANSFORM'], default 'FLOAT'
>
> **domain**
>
> > **TYPE:**
> >
> > > enum in Attribute Domain Items, default 'POINT'
>
> **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.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`
- `bpy_struct.is_property_set`

- `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`

- 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_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