PySI

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Chapter 5

Namespace Documentation

5.1 SIEffect Namespace Reference

Documentation for this module / class.

Classes

- class SIEffect

  Super Class from which all subsequent plugins are derived.

5.1.1 Detailed Description

Documentation for this module / class.

Used as central entry point for all SIGRun plugins

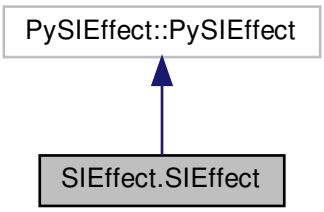
Chapter 6

Class Documentation

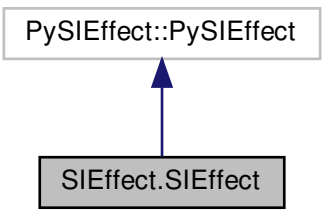
6.1 SIEffect.SIEffect Class Reference

Super Class from which all subsequent plugins are derived.

Inheritance diagram for SIEffect.SIEffect:



Collaboration diagram for SIEffect.SIEffect:



Public Member Functions

- def __init__ (self, shape=PySIEffect.PointVector(), aabb=PySIEffect.PointVector(), uuid="", texture_path="", kwargs={})

  constructor
- def set_position_from_position (self, rel_x, rel_y, abs_x, abs_y)

  member function for setting the position of a region based on the positional data of another region.
- def on_move_enter_recv (self, cursor_id, link_attrib)

  member function for receiving data from the PySIEffect.MOVE capability for the PySIEffect.ON_ENTER collision event
- def on_move_continuous_recv (self)

  member function for the PySIEffect.MOVE capability for the PySIEffect.ON_CONTINUOUS collision event
- def on_move_leave_recv (self, cursor_id, link_attrib)

  member function for receiving data from the PySIEffect.MOVE capability for the PySIEffect.ON_LEAVE collision event
- def enable_effect (self, capability, is_emit, on_enter, on_continuous, on_leave)

  member function for enabling the emission or reception of an effect
- def override_effect (self, capability, is_emit, on_enter, on_continuous, on_leave)

  member function for overriding the emission or reception of an effect
- def disable_effect (self, capability, is_emit)

  member function for disabling the emission or reception of an effect
- def enable_link_emission (self, emission_capability, emission_function)

  member function for enabling the emission of data in the context of a link event
- def enable_link_reception (self, emission_capability, reception_capability, reception_function)

  member function for enabling the emission of data in the context of a link event
- def disable_link_emission (self, emission_capability)

  member function for disabling the emission of data in the context of a link event
- def disable_link_reception (self, emission_capability, reception_capability="")

  member function for disabling the reception of data in the context of a link event
- def create_link (self, sender_uuid, sender_attribute, receiver_uuid, receiver_attribute)

  member function for establishing a specified link between two regions according to given attributes
- def remove_link (self, sender_uuid, sender_attribute, receiver_uuid, receiver_attribute)

  member function for removing a specified link between two regions according to given attributes
- def add_QML_data (self, key, value, datatype)

  member function for setting data in the associated qml file of a region effect
- def register_shape_change (self, with_resampling=True)

  member function for signaling that the shape of a region has changed
- def add_point_to_region_drawing (self, x, y, cursor_id)

  member function for adding a point to a region drawing based on a cursor id.
- def register_region_from_drawing (self, cursor_id)

  member function for registering a region drawing according to a cursor id
- def start_standard_application (self, file_uuid, file_path)

  member function for starting the standard application of a file given its uuid as a region and its path in the filesystem
- def close_standard_application (self, file_uuid)

  member function for closing the standard application of a file given its uuid as a region and its path in the filesystem
- def display_folder_contents_page (self, page, source_uuid, with_buttons=True)

  member function for displaying the contents of a folder in the filesystem as pages of other filesystem entries

Public Attributes

- shape

  member attribute variable containing the shape (contour) of a drawn region as a PySIEffect.PointVector
- aabb

  member attribute variable containing the axis-aligned bounding-box (aabb) of a drawn region as a PySIEffect.Point↩ Vector
- name

  member attribute variable containing the name of a drawn region as a str
- region_type

  member attribute variable containing the type of effect of a drawn region as a PySIEffect.EffectType
- source

  member attribute variable containing the source of effect of a drawn region as a str
- qml_path

  member attribute variable containing the path to a QML file for styling of a drawn region as a str
- delta_x

  member attribute variable containing the last relative movement of the region according to the x axis as a float
- delta_y

  member attribute variable containing the last relative movement of the region according to the y axis as a float
- last_x

  member attribute variable containing the last absolute x coordinate as a float
- last_y

  member attribute variable containing the last absolute y coordinate as a float
- color

  member attribute variable containing the fill color of a region in RGBA as a PySIEffect.Color
- is_under_user_control

  member attribute variable which is true when an user directly controls the region (e.g.
- width

  member attribute variable storing the width of a region drawing as a float
- height

  member attribute variable storing the width of a region drawing as a float
- texture_width

  member attribute variable storing the width of a texture of a region drawing as a float
- texture_height

  member attribute variable storing the height of a texture of a region drawing as a float
- cap_emit

  member attribute variable storing keys to functions which are called when collision events occur for emitting data to receiving regions
- cap_recv

  member attribute variable storing keys to functions which are called when collision events occur for receiving data from emitting regions
- cap_link_emit

  member attribute variable storing keys to functions which are called when linking events occur for emitting data to receiving regions
- cap_link_recv

  member attribute variable storing keys to functions which are called when linking events occur for emitting data to receiving regions
- last_delta_x
- last_delta_y

Static Public Attributes

- bool EMISSION = True

  member constant to mark an effect or link emittable
- bool RECEPTION = False

  static member attribute to mark an effect or link receivable
- string TEXTURE_PATH_NONE = ""

  static member attribute to signal that it's associated effect does not display an icon (texture) when drawn as a region
- bool RESAMPLING = True

  static member attribute to notify SIGRun to resample a region's shape when changed from PySI
- bool NO_RESAMPLING = False

  static member attribute to notify SIGRun to not resample a region's shape when changed from PySI Use with caution! May lead to unexpected / barely debugable behaviour!

6.1.1 Detailed Description

Super Class from which all subsequent plugins are derived.

This Class itself is derived from PySIEffect written in C++ which is documented separately within SIGRun

Definition at line 13 of file SIEffect.py.

6.1.2 Constructor & Destructor Documentation

6.1.2.1 __init__()

```
def SIEffect.SIEffect.__init__ (
                self,
                shape = PySIEffect.PointVector(),
                aabb = PySIEffect.PointVector(),
                uuid = "",
                texture_path = "",
                kwargs = {} )
```

constructor

Constructs a new SIEffect object based on the given arguments.

Parameters

self	the object pointer
shape	the contour of the drawn region (PySIEffect.PointVector)
aabb	the axis-aligned bounding-box of the drawn region (PySIEffect.PointVector)
uuid	the universally unique identifier of the drawn region (str)
texture_path	the path to an image intended to be used as an icon for the drawn region (str)
kwargs	keyworded arguments which may necessary for more specific implementations of region effects (dict)

Definition at line 42 of file SIEffect.py.

6.1.3 Member Function Documentation

6.1.3.1 add_point_to_region_drawing()

```
def SIEffect.SIEffect.add_point_to_region_drawing (
              self,
              x,
              y,
              cursor_id )
```

member function for adding a point to a region drawing based on a cursor id.

Parameters

self	the object pointer
x	the x coordinate of the cursor (float)
y	the y coordinate of the cursor (float)
cursor_id	the id of cursor currently drawing (str)

This function is specific to effects of PySIEffect.EffectType.SI_CANVAS. Therefore, this function does nothing when called with other effect types.

This function uses self.__partial_regions__ (c++-bindings)

Definition at line 379 of file SIEffect.py.

6.1.3.2 add_QML_data()

```
def SIEffect.SIEffect.add_QML_data (
              self,
              key,
              value,
              datatype )
```

member function for setting data in the associated qml file of a region effect

Parameters

self	the object pointer
key	the variable specified in the qml file (str)
value	the value to set in the variable in the qml file (variant)
datatype	the data type of the value (PySIEffect.INT, PySIEffect.FLOAT, ...) (int)

Calls the function **add_data** (c++-bindings)

Definition at line 354 of file SIEffect.py.

6.1.3.3 close_standard_application()

```
def SIEffect.SIEffect.close_standard_application (
              self,
              file_uuid )
```

member function for closing the standard application of a file given its uuid as a region and its path in the filesystem

Parameters

self	the object pointer
file_uuid	the uuid of the region associated to a file icon representing a file of the filesystem (str)

This function calls self.__destroy_embedded_window__ (c++-bindings)

Definition at line 415 of file SIEffect.py.

6.1.3.4 create_link()

```
def SIEffect.SIEffect.create_link (
              self,
              sender_uuid,
              sender_attribute,
              receiver_uuid,
              receiver_attribute )
```

member function for establishing a specified link between two regions according to given attributes

Parameters

self	the object pointer
sender_uuid	the uuid of the emitting region (str)
sender_attribute	the attribute to be linked by the emitting region (str)
receiver_uuid	the uuid of the receiving region (str)
receiver_attribute	the attribute to be linked by the receiving region (str)

Definition at line 328 of file SIEffect.py.

6.1.3.5 disable_effect()

```
def SIEffect.SIEffect.disable_effect (
              self,
              capability,
              is_emit )
```

member function for disabling the emission or reception of an effect

Parameters

self	the object pointer
capability	the capability of the collision event (str)
is_emit	the variable depicting if a region emits (True) or receives (False) an effect (bool)

Definition at line 273 of file SIEffect.py.

6.1.3.6 disable_link_emission()

```
def SIEffect.SIEffect.disable_link_emission (
              self,
              emission_capability )
```

member function for disabling the emission of data in the context of a link event

Parameters

self	the object pointer
emission_capability	the capability of the linking event used by the emitting region (str)

Definition at line 300 of file SIEffect.py.

6.1.3.7 disable_link_reception()

```
def SIEffect.SIEffect.disable_link_reception (
              self,
              emission_capability,
              reception_capability = "" )
```

member function for disabling the reception of data in the context of a link event

Parameters

self	the object pointer
emission_capability	the capability of the linking event used by the emitting region (str)
reception_capability	the capability of the linking event of a receiving region with default value "" (str)

If no reception_capability is specified, the emission_capability is deleted from self.cap_link_recv. If reception_↩ capability is specified and present in self.cap_link_recv, the specified relation is deleted from emission_capability.

See also

self.cap_link_recv

Definition at line 312 of file SIEffect.py.

6.1.3.8 display_folder_contents_page()

```
def SIEffect.SIEffect.display_folder_contents_page (
              self,
              page,
              source_uuid,
              with_buttons = True )
```

member function for displaying the contents of a folder in the filesystem as pages of other filesystem entries

Parameters

self	the object pointer
source_uuid	the uuid of the region associated to a folder icon representing a folder of the filesystem (str)
with_buttons	a flag depicting whether buttons for browsing pages is wanted (True) or not (False) (bool)

This function calls self.__show_folder_contents_page__ (c++-bindings)

Definition at line 425 of file SIEffect.py.

6.1.3.9 enable_effect()

```
def SIEffect.SIEffect.enable_effect (
              self,
              capability,
              is_emit,
              on_enter,
              on_continuous,
              on_leave )
```

member function for enabling the emission or reception of an effect

Parameters

self	the object pointer
capability	the capability of the collision event (str)
is_emit	the variable depicting if a region emits (True) or receives (False) an effect (bool)
on_enter	the function to be called for the collision event PySIEffect.ON_ENTER
on_continuous	the function to be called for the collision event PySIEffect.ON_CONTINUOUS
on_leave	the function to be called for the collision event PySIEffect.ON_LEAVE

Definition at line 248 of file SIEffect.py.

6.1.3.10 enable_link_emission()

```
def SIEffect.SIEffect.enable_link_emission (
              self,
              emission_capability,
              emission_function )
```

member function for enabling the emission of data in the context of a link event

Parameters

self	the object pointer
emission_capability	the capability of the linking event (str)
emission_function	the function to be called for emitting data

Definition at line 284 of file SIEffect.py.

6.1.3.11 enable_link_reception()

```
def SIEffect.SIEffect.enable_link_reception (
              self,
              emission_capability,
              reception_capability,
              reception_function )
```

member function for enabling the emission of data in the context of a link event

Parameters

self	the object pointer
emission_capability	the capability of the linking event used by the emitting region (str)
reception_capability	the capability of the linking event of a receiving region (str)
reception_function	the function to be called for receiving data

Definition at line 293 of file SIEffect.py.

6.1.3.12 on_move_continuous_recv()

```
def SIEffect.SIEffect.on_move_continuous_recv (
              self )
```

member function for the PySIEffect.MOVE capability for the PySIEffect.ON_CONTINUOUS collision event

Parameters

self	the object pointer

Definition at line 220 of file SIEffect.py.

6.1.3.13 on_move_enter_recv()

```
def SIEffect.SIEffect.on_move_enter_recv (
              self,
              cursor_id,
              link_attrib )
```

member function for receiving data from the PySIEffect.MOVE capability for the PySIEffect.ON_ENTER collision event

Parameters

self	the object pointer
cursor_id	the cursor which is intended to move the region (str)
link_attribute	the linking attribute defining how the cursor and the region are intended to be linked (str)

Definition at line 212 of file SIEffect.py.

6.1.3.14 on_move_leave_recv()

```
def SIEffect.SIEffect.on_move_leave_recv (
              self,
              cursor_id,
              link_attrib )
```

member function for receiving data from the PySIEffect.MOVE capability for the PySIEffect.ON_LEAVE collision event

Parameters

self	the object pointer
cursor_id	the cursor which is intended to move the region (str)
link_attribute	the linking attribute defining how the cursor and the region are intended to be linked (str)

Definition at line 228 of file SIEffect.py.

6.1.3.15 override_effect()

```
def SIEffect.SIEffect.override_effect (
              self,
              capability,
              is_emit,
              on_enter,
              on_continuous,
              on_leave )
```

member function for overriding the emission or reception of an effect

Parameters

self	the object pointer
capability	the capability of the collision event (str)
is_emit	the variable depicting if a region emits (True) or receives (False) an effect (bool)
on_enter	the function to be called for the collision event PySIEffect.ON_ENTER
on_continuous	the function to be called for the collision event PySIEffect.ON_CONTINUOUS
on_leave	the function to be called for the collision event PySIEffect.ON_LEAVE

This function then calls self.enable_effect(capability, is_emit, on_enter, on_continuous, on_leave)

See also

self.enable_effect(capability, is_emit, on_enter, on_continuous, on_leave)

Definition at line 265 of file SIEffect.py.

6.1.3.16 register_region_from_drawing()

```
def SIEffect.SIEffect.register_region_from_drawing (
              self,
              cursor_id )
```

member function for registering a region drawing according to a cursor id

Parameters

self	the object pointer
cursor_id	the id of the cursor which is currently drawing (str)

This function is specific to effects of PySIEffect.EffectType.SI_CANVAS. Therefore, this function does nothing when called with other effect types.

This function uses self.__registered_regions__ (c++-bindings)

Definition at line 395 of file SIEffect.py.

6.1.3.17 register_shape_change()

```
def SIEffect.SIEffect.register_shape_change (
              self,
              with_resampling = True )
```

member function for signaling that the shape of a region has changed

Parameters

self	the object pointer
with_resampling	a flag depicting whether SIGRun shall resample the newly specified shape (bool)

This function should be used cautiously, especially when resampling is intended, for saving performance and user experience. If this function is not called after changing the shape of a region, SIGRun will IGNORE that change. Therefore, this may lead to breaking mental models of end-users and unexpected behaviour.

Definition at line 365 of file SIEffect.py.

6.1.3.18 remove_link()

```
def SIEffect.SIEffect.remove_link (
              self,
              sender_uuid,
              sender_attribute,
              receiver_uuid,
              receiver_attribute )
```

member function for removing a specified link between two regions according to given attributes

Parameters

self	the object pointer
sender_uuid	the uuid of the emitting region (str)
sender_attribute	the attribute to be linked by the emitting region (str)
receiver_uuid	the uuid of the receiving region (str)
receiver_attribute	the attribute to be linked by the receiving region (str)

Definition at line 339 of file SIEffect.py.

6.1.3.19 set_position_from_position()

```
def SIEffect.SIEffect.set_position_from_position (
              self,
              rel_x,
              rel_y,
```

```
                abs_x,
                abs_y )
```

member function for setting the position of a region based on the positional data of another region.

This function is used as a reception function for linking events where positional data is emitted by another region and applied to the position of a region.

Parameters

self	the object pointer
rel_x	the relative positional change on the x axis (float)
rel_y	the relative positional change on the y axis (float)
abs_x	the absolute position on the x axis (float)
abs_y	the absolute position on the y axis (float)

Definition at line 200 of file SIEffect.py.

6.1.3.20 start_standard_application()

```
def SIEffect.SIEffect.start_standard_application (
                self,
                file_uuid,
                file_path )
```

member function for starting the standard application of a file given its uuid as a region and its path in the filesystem

Parameters

self	the object pointer
file_uuid	the uuid of the region associated to a file icon representing a file of the filesystem (str)
file_path	the path of the file in the filesystem (str)

This function calls self.__embed_file_standard_appliation_into_context__ (c++-bindings)

Definition at line 406 of file SIEffect.py.

6.1.4 Member Data Documentation

6.1.4.1 aabb

```
SIEffect.SIEffect.aabb
```

member attribute variable containing the axis-aligned bounding-box (aabb) of a drawn region as a PySIEffect.↩ PointVector

Definition at line 49 of file SIEffect.py.

6.1.4.2 cap_emit

SIEffect.SIEffect.cap_emit

member attribute variable storing keys to functions which are called when collision events occur for emitting data to receiving regions

This variable is a PySIEffect.String2_String2FunctionMap_Map (c++-bindings) and uses capabilities (str) as keys to the inner String2FunctionMap. The inner String2FunctionMap uses collision event names (PySIEffect.ON_EN↩ TER ("on_enter"), PySIEffect:ON_CONTINUOUS ("on_continuous"), PySIEffect.ON_LEAVE ("on_leave")) as keys to their corresponding functions as values

Example:

self.cap_emit["CAPABILITY"] = {PySIEffect.ON_ENTER: self.<function_enter>, PySIEffect:ON_CONTINUOUS↩ : self.<function_continuous>, PySIEffect.ON_LEAVE: self.<function_leave>

Therefore, this example allows a region to emit an effect of CAPABILITY once a collision event occurred

Definition at line 140 of file SIEffect.py.

6.1.4.3 cap_link_emit

SIEffect.SIEffect.cap_link_emit

member attribute variable storing keys to functions which are called when linking events occur for emitting data to receiving regions

This variable is a String2FunctionMap (c++-bindings) containing capabilities (str) as keys and functions as values

Example with SI-integrated linking of positions for emission case: self.cap_link_emit[PySIEffect.POSITION] = self.<function_position_emit> Therefore, this example emits the positional data of the region to a linked region.

Definition at line 165 of file SIEffect.py.

6.1.4.4 cap_link_recv

SIEffect.SIEffect.cap_link_recv

member attribute variable storing keys to functions which are called when linking events occur for emitting data to receiving regions

This variable is a PySIEffect.String2_String2FunctionMap_Map (c++-bindings) and uses linking event capability names (str) as keys to the inner String2FunctionMap. The inner String2FunctionMap uses linking event capability names (PySIEffect.POSITION, <own name="" as="" str>="">) as keys to their corresponding functions as values. The outer key corresponds to the emission capability. The inner key corresponds to the reception capability of the targeted region and points towards the function which is to be called during the linking event Therefore, it is possible to map e.g. incomimg positional data to the color of the receiving region.

Example with SI-integrated linking of positions for reception case: self.cap_link_recv[PySIEffect.POSITION][PyS↩ IEffect.POSITION] = self.<function_position_emit> self.cap_link_recv[PySIEffect.POSITION][PySIEffect.COLOR] = self.<function_color_emit> Therefore, this example receives the positional data of a linked region and can apply this data to other categories of data according to the linking relationship.

Definition at line 184 of file SIEffect.py.

6.1.4.5 cap_recv

SIEffect.SIEffect.cap_recv

member attribute variable storing keys to functions which are called when collision events occur for receiving data from emitting regions

This variable is a PySIEffect.String2_String2FunctionMap_Map (c++-bindings) and uses capabilities (str) as keys to the inner String2FunctionMap. The inner String2FunctionMap uses collision event names (PySIEffect.ON_EN↩ TER ("on_enter"), PySIEffect:ON_CONTINUOUS ("on_continuous"), PySIEffect.ON_LEAVE ("on_leave")) as keys to their corresponding functions as values

Example:

self.cap_recv["CAPABILITY"] = {PySIEffect.ON_ENTER: self.<function_enter>, PySIEffect:ON_CONTINUOUS↩ : self.<function_continuous>, PySIEffect.ON_LEAVE: self.<function_leave>

Therefore, this example allows a region to receive an effect of CAPABILITY once a collision event occurred

Definition at line 152 of file SIEffect.py.

6.1.4.6 color

SIEffect.SIEffect.color

member attribute variable containing the fill color of a region in RGBA as a PySIEffect.Color

Definition at line 87 of file SIEffect.py.

6.1.4.7 delta_x

`SIEffect.SIEffect.delta_x`

member attribute variable containing the last relative movement of the region according to the x axis as a float

Definition at line 75 of file SIEffect.py.

6.1.4.8 delta_y

`SIEffect.SIEffect.delta_y`

member attribute variable containing the last relative movement of the region according to the y axis as a float

Definition at line 78 of file SIEffect.py.

6.1.4.9 EMISSION

`bool SIEffect.SIEffect.EMISSION = True  [static]`

member constant to mark an effect or link emittable

Definition at line 16 of file SIEffect.py.

6.1.4.10 height

`SIEffect.SIEffect.height`

member attribute variable storing the width of a region drawing as a float

Default is 0! Has to be set manually to self.aabb[1].y - self.aabb[0].y!

Definition at line 105 of file SIEffect.py.

6.1.4.11 is_under_user_control

`SIEffect.SIEffect.is_under_user_control`

member attribute variable which is true when an user directly controls the region (e.g.

moving it around) as a bool

Definition at line 90 of file SIEffect.py.

6.1.4.12 last_delta_x

`SIEffect.SIEffect.last_delta_x`

Definition at line 204 of file SIEffect.py.

6.1.4.13 last_delta_y

`SIEffect.SIEffect.last_delta_y`

Definition at line 205 of file SIEffect.py.

6.1.4.14 last_x

`SIEffect.SIEffect.last_x`

member attribute variable containing the last absolute x coordinate as a float

Definition at line 81 of file SIEffect.py.

6.1.4.15 last_y

`SIEffect.SIEffect.last_y`

member attribute variable containing the last absolute y coordinate as a float

Definition at line 84 of file SIEffect.py.

6.1.4.16 name

`SIEffect.SIEffect.name`

member attribute variable containing the name of a drawn region as a str

Definition at line 55 of file SIEffect.py.

6.1.4.17 NO_RESAMPLING

```
bool SIEffect.SIEffect.NO_RESAMPLING = False  [static]
```

static member attribute to notify SIGRun to not resample a region's shape when changed from PySI Use with caution! May lead to unexpected / barely debugable behaviour!

Definition at line 30 of file SIEffect.py.

6.1.4.18 qml_path

```
SIEffect.SIEffect.qml_path
```

member attribute variable containing the path to a QML file for styling of a drawn region as a str

This value can be left empty if no visualization of the region is intended (e.g. Container-Regions for External Applications or MouseCursor)

See also

Container
MouseCursor

Definition at line 72 of file SIEffect.py.

6.1.4.19 RECEPTION

```
bool SIEffect.SIEffect.RECEPTION = False  [static]
```

static member attribute to mark an effect or link receivable

Definition at line 19 of file SIEffect.py.

6.1.4.20 region_type

```
SIEffect.SIEffect.region_type
```

member attribute variable containing the type of effect of a drawn region as a PySIEffect.EffectType

Effect implementation which are currently not part of the Standard Environment Library of SIGRun are required to be of type SI_CUSTOM

Definition at line 60 of file SIEffect.py.

6.1.4.21 RESAMPLING

```
bool SIEffect.SIEffect.RESAMPLING = True  [static]
```

static member attribute to notify SIGRun to resample a region's shape when changed from PySI

Definition at line 25 of file SIEffect.py.

6.1.4.22 shape

```
SIEffect.SIEffect.shape
```

member attribute variable containing the shape (contour) of a drawn region as a PySIEffect.PointVector

Definition at line 46 of file SIEffect.py.

6.1.4.23 source

```
SIEffect.SIEffect.source
```

member attribute variable containing the source of effect of a drawn region as a str

Effect implementation which are currently not part of the Standard Environment Library of SIGRun are encouraged to not start with "libStdSI"

Definition at line 65 of file SIEffect.py.

6.1.4.24 texture_height

```
SIEffect.SIEffect.texture_height
```

member attribute variable storing the height of a texture of a region drawing as a float

This value is only set if texture_path is a valid path

Definition at line 117 of file SIEffect.py.

6.1.4.25 TEXTURE_PATH_NONE

```
string SIEffect.SIEffect.TEXTURE_PATH_NONE = ""  [static]
```

static member attribute to signal that it's associated effect does not display an icon (texture) when drawn as a region

Definition at line 22 of file SIEffect.py.

6.1.4.26 texture_width

`SIEffect.SIEffect.texture_width`

member attribute variable storing the width of a texture of a region drawing as a float

This value is only set if texture_path is a valid path

Definition at line 112 of file SIEffect.py.

6.1.4.27 width

`SIEffect.SIEffect.width`

member attribute variable storing the width of a region drawing as a float

Default is 0! Has to be set manually to self.aabb[3].x - self.aabb[0].x!

Definition at line 99 of file SIEffect.py.

The documentation for this class was generated from the following file:

- SIEffect.py

Chapter 7

File Documentation

7.1 SIEffect.py File Reference

Classes

- class SIEffect.SIEffect

  Super Class from which all subsequent plugins are derived.

Namespaces

- SIEffect

  Documentation for this module / class.

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