

Input GUI Widgets II

Coordinate GUI Class

[Github Link](#)

```
namespace lc::ui::api
```

The Coordinate GUI widget allows the user to select a coordinate either by selecting the point using the mouse or by entering the coordinate into the widget. Clicking on the select point button allows the user to select a point using the mouse.

Constructor

Description

Constructs an Coordinate GUI widget.

Examples

- `local coord1 = gui.CoordinateGUI("Coordinate1")`
-

Get and Set Values

Description

Used to get the current value of the coordinate widget or set it to a desired value. A lc::geo::Coordinate object is returned/expected by the widget.

Examples

- `local point1 = coord1:value()
lineBuilder:setLastPoint(point1)`
 - `coord1:setValue(lc.geo.Coordinate(24,52))`
-

Add Finish Callback

Description

Add a finish callback which is called when the user presses enter after entering the coordinate or clicks somewhere else and the input gui loses focus. This is different from the dialog widget finish callback.

Examples

- `coord1:addFinishCallback(function() message("Finished entering
coordinate") end)`
-

Add On Change Callback

Description

Add an on change callback which is called when the user types anything i.e. on any change to the coordinate input.

Examples

- `coord1:addOnChangeCallback(function()
message(tostring(coord1:value())) end)`
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https://dokufiki.librecad.org/doku.php/dev:v3:gui_api:dialog:inputgui2?rev=1594276355

Last update: **2020/07/09 06:32**

