

SimpleGauge

Ralph Wermke

COLLABORATORS

	<i>TITLE :</i> SimpleGauge		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY	Ralph Wermke	August 7, 2022	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	SimpleGauge	1
1.1	Welcome	1
1.2	Constuctors/ Destructor	1
1.3	New Methods	2
1.4	Tags	3
1.5	Exeptions	4
1.6	History	4
1.7	ToDo	4
1.8	Thanks	4
1.9	Author	5

Chapter 1

SimpleGauge

1.1 Welcome

```
simplegauge PLUGIN
```

```
Version: 1.1.2
```

```
Date   : 15-Nov-1997
```

The simplegauge plugin is a nice looking display element useful for some kind of progress display.

```
Constructors/ Destructor
```

```
New Methods
```

```
Special Tags
```

```
Exceptions
```

```
History
```

```
ToDo
```

```
Thanks
```

```
Author
```

1.2 Constructors/ Destructor

```
Constructor
```

```
simplegauge (  
    tags  
    :PTR TO tagitem)
```

For creating a new plugin object use for example:

```
DEF sg:PTR TO simplegauge_plugin
NEW sg.simplegauge([..., TAG_DONE])
```

1.3 New Methods

```
    set (
      tag
      , value)
```

By calling this method it's possible to change attributes at runtime. You can use all tags with the S flag set. This method can also be used before the GUI is created and when the window is closed.

Value is a LONG and contains the argument for the used tag.

Example:

```
DEF sg:PTR TO simplegauge_plugin
...
NEW sg.simplegauge([..., TAG_DONE])
...
sg.set (PLA_Simplegauge_Disabled, TRUE)
...
```

```
value,check:=get (
  tag
)
```

This method is the counterpart to set. All tags with G flag can be used. Argument is the tag you want to get. Return values are the requested value and as second a boolean value. So if check is FALSE the used tag can't be get.

```
...
value,check:=sg.get (PLA_Simplegauge_Disabled)
...
```

After this:

```
value=TRUE
check=TRUE
```

But if you try:

```
...
value,check:=sg.get (PLA_SimpleGauge_ShowText)
...
```

Then you get this:

```
value:=-1
check:=FALSE
```

```
draw()          /* Private */
```

1.4 Tags

I = The letters [ISG] show you when the tags can be used.

```
Initialisation  
S =  
Set Method  
G =  
Get Method  
PLA_Simplegauge_Disabled [ISG]
```

Disable or enable a gadget. Setting this tag causes the gadget to become disabled, it gets a ghost pattern.

```
PLA_Simplegauge_Current [ISG]
```

Set the current level of the gauge. The value must be between 0 and PLA_Simplegauge_Max. If it's not it will be fit to this bounds. Default is 0.

```
PLA_Simplegauge_Max [ISG]
```

Set the maximum value for the gauge. Default is 100.

```
PLA_SimpleGauge_Horizontal [I.G]
```

Determine if you want a horizontal or vertical gauge. Default is FALSE.

```
PLA_SimpleGauge_Percent [..G]
```

Use this tag to get the current percentage of the gauge.

```
PLA_SimpleGauge_ShowText [I..]
```

Determine if you want to show the percentage of the gauge.

```
PLA_SimpleGauge_BackgroundPen [ISG]
```

Use this tag to set the background color of your gauge.

PLA_SimpleGauge_BarPen [ISG]

This tag set the color of the bar.

1.5 Exeptions

Constructor

"UTIL" will be raised if the utility.library v37+ can't be opened.

1.6 History

15-Nov-97 [V1.1.2]
- object name changed to simplegauge_plugin

05-Nov-97 [V1.1.1]
- enforcer hits removed (reported by Fabio Rotondo)

01-Nov-97 [V1.1]
- some minor changes
- new
 tags
 added
 PLA_SimpleGauge_BackgroundPen [ISG]
 PLA_SimpleGauge_BarPen [ISG]

04-Sep-97 [V1.0beta]
- first beta version

1.7 ToDo

- more color options
- better update (less flicker)
- more text options

1.8 Thanks

Special thanks go to:

Stefan Blixth for beta testing

1.9 Author

Contact me for bugreports, suggestions or whatever you want:

SnailMail:

Ralph Wermke
Prokofjewstrasse 7
17491 Greifswald
Germany

EMail:

wermke@gryps1.rz.uni-greifswald.de

WWW:

<http://www.user.fh-stralsund.de/~rwormke/di.html>
