

# **SimpleGauge**

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<b>COLLABORATORS</b>
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	<i>TITLE :</i> SimpleGauge		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
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<b>REVISION HISTORY</b>
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NUMBER	DATE	DESCRIPTION	NAME

# Contents

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

## 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

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

I = 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

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