

xygadget

COLLABORATORS

	<i>TITLE :</i> xygadget		
<i>ACTION</i>	<i>NAME</i>	<i>DATE</i>	<i>SIGNATURE</i>
WRITTEN BY		January 20, 2025	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

Contents

1	xygadget	1
1.1	xygadget_plugin: Introduction	1
1.2	xygadget_plugin: Constructors / Destructor	1
1.3	xygadget_plugin: New Methods	2
1.4	xygadget_plugin: Tags	2
1.5	xygadget_plugin: Exceptions	3
1.6	xygadget_plugin: History	3

Chapter 1

xygadget

1.1 xygadget_plugin: Introduction

xygadget_plugin

by Ali Graham <agraham@hal9000.net.au>

xygadget_plugin is a PLUGIN that offers
a button that will resize in both horizontal and
vertical directions, as the name implies.

Constructor

Methods

Tags

Exceptions

History

1.2 xygadget_plugin: Constructors / Destructor

Constructor

```
xygadget(tags=NIL:PTR TO tagitem)
```

For creating a new plugin object use for example:

```
DEF xygadget:PTR TO xygadget_plugin  
NEW xygadget.xygadget([..., TAG_DONE])
```

1.3 xygadget_plugin: 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 xygadget:PTR TO xygadget_plugin
...
NEW xygadget.xygadget([..., TAG_DONE])
...
xygadget.set(PLA_XYGadget_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:=xygadget.get(PLA_XYGadget_Disabled)
...
```

After this:

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

1.4 xygadget_plugin: Tags

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

I = Initialisation

S = Set Method

G = Get Method

```
PLA_XYGadget_Text          [ISG]
```

The text contents of the gadget in the PLUGIN.

```
PLA_XYGadget_Disabled      [ISG]
```

Disable or enable the gadget. Setting this tag causes the gadget to become disabled; it is ghosted.

Boolean; defaults to FALSE.

1.5 xygadget_plugin: Exceptions

Constructor

"util" will be raised if the `utility.library` has not been opened.

1.6 xygadget_plugin: History

v1.0 (30.8.97)

- o Initial release.

v1.1 (2.10.97)

- o Added some safety checks to ensure that the window is open before attempting to render into it in custom PLUGIN methods (`set_disabled()`, et al.)

v1.2 (28.11.97)

- o Converted to the EasyPLUGINS Style Guide format.
-