class GTK::V3::Gtk::GtkButton

Table of Contents

0.1 GtkButton — A widget that emits a signal when clicked on
1 Synopsis
2 Methods
2.1 gtk_button_new
2.2 [gtk_button_] new_with_label
2.3 [gtk_button_] get_label
2.4 [gtk_button_] set_label
2.5 new
3 Signals
3.1 Supported signals
3.1.1 clicked
3.2 Unsupported signals
3.2.1 activated
3.3 Deprecated signals
3.3.1 enter
3.3.2 leave
3.3.3 pressed
3.3.4 released


```
unit class GTK::V3::Gtk::GtkButton;
also is GTK::V3::Gtk::GtkBin;
```

GtkButton — A widget that emits a signal when clicked on

Synopsis

```
my GTK::V3::Gtk::GtkButton $start-button .= new(:label<Start>);
```

Methods

gtk_button_new

```
method gtk_button_new ( --> N-GObject )
```

Creates a new native button object

[gtk_button_] new_with_label

```
method gtk_button_new_with_label ( Str $label --> N-GObject )
```

Creates a new native button object with a label

[gtk_button_] get_label

```
method gtk_button_get_label ( --> Str )
```

Get text label of button

[gtk_button_] set_label

```
method gtk_button_set_label ( Str $label )
```

Set a label ob the button

new

```
multi submethod BUILD ( Str :$label )
```

Creates a new button object with a label

```
multi submethod BUILD ( Bool :$empty )
```

Create an empty button

```
multi submethod BUILD ( :$widget! )
```

Create a button using a native object from elsewhere. See also Gtk::V3::Glib::GObject.

```
multi submethod BUILD ( Str :$build-id! )
```

Create a button using a native object from a builder. See also Gtk::V3::Glib::GObject.

Signals

Registering example

```
class MyHandlers {
  method my-click-handler ( :$widget, :$my-data ) { ... }
}

# elsewhere
my MyHandlers $mh .= new;
$button.register-signal( $mh, 'click-handler', 'clicked', :$my-data);
```

See also method `register-signal` in GTK::V3::Glib::GObject.

Supported signals

clicked

Emitted when the button has been activated (pressed and released).

Handler signature;

```
handler ( instance: :$widget, :$user-option1, ..., :$user-optionN )
```

Unsupported signals

activated

Signal `activated` is not supported because GTK advises against the use of it.

Deprecated signals

enter

Signal `enter` has been deprecated since version 2.8 and should not be used in newly-written code. Use the “enter-notify-event” signal.

leave

Signal `leave` has been deprecated since version 2.8 and should not be used in newly-written code. Use the `leave-notify-event` signal.

pressed

Signal `pressed` has been deprecated since version 2.8 and should not be used in newly-written code. Use the `button-press-event` signal.

released

Signal `released` has been deprecated since version 2.8 and should not be used in newly-written code. Use the `button-release-event` signal.

Generated using Pod::Render, Pod::To::HTML, Camelia™ (butterfly) is © 2009 by Larry Wall