This function destroys the widget.

---

profilewidthentry.getvalue - Function

Package	**display**
Module	**widgets**
Tool	**profilewidthentry**

Get the value of the widget

Synopsis
getvalue()

Returns
Record

Description

This function gets the current averaging type and the value into a record.

Example

```
include 'profilewidthentry.g'
f := dws.frame();
r := profilewidthentry(parent=f)
v := r.getvalue()
print 'value=', v
#<< [value=0, type=box]
```

1.4.28 radiobuttons - Tool

Package	**display**
Module	**widgets**

Widget handling multiple selectable radio buttons *include "radiobuttons.g"*

Constructors

radiobuttons	*Construct a radiobuttons widget*

Functions

disablebutton	*Disable specific button*
disabled	*Disable or enable the widget*
done	*Destroy ourselves*
enablebutton	*Enable a specific button*
getvalue	*Get the value of the widget*
reset	*Reset the widget*
setstate	*Set the state of a specific button*

Description

This Tk widget creates many radio buttons (horizontal or vertical) and then allows you to select them remotely, disable one or all of them, reset them all, and recover the selection. It is rather specialized at present but may grow into a more generic widget in the future.

radiobuttons - Constructor

Package	**display**
Module	**widgets**
Tool	**radiobuttons**

Construct a radiobuttons widget

Synopsis
radiobuttons(parent, names, default, side, widgetset)

Arguments

parent	*Parent of the menu* *Allowed: Widget* *Default: Standalone*
names	*The names of the buttons* *Allowed: Vector of strings* *Default: None*
default	*Index of names for button that is initially selected* *Allowed: Integer* *Default: None*
side	*Side to pack buttons in* *Allowed: String from 'left', 'right', 'top', 'bottom'* *Default: 'left'*
widgetset	*The widget server to use* *Allowed: widgetserver tool* *Default: dws*

Returns

Agent

Description

Example

```
- include 'radiobuttons.g'
- include 'widgetserver.g'
- names := "a b c";
- f := dws.frame();
- r := radiobuttons(parent=f, names=names, default=2, side='top', widgetset=dws);
```

---

radiobuttons.disabled - Function

Package	**display**
Module	**widgets**
Tool	**radiobuttons**

Disable or enable the widget

Synopsis

disabled(disable, allbuttons)

Arguments

disable	*disable widget* *Allowed: T or F* *Default: T*
allbuttons	*apply to all buttons* *Allowed: T or F* *Default: F*

Returns
T

Description

This function disables or enables the widget (does not need matching pair). It does this by disabling/enabling a holder frame into which the buttons are put. By default, this means that the buttons themselves are not enabled or disabled. However, if you set `allbuttons=T`*, then all the buttons are enabled or disabled as well.*

---

radiobuttons.disablebutton - Function

Package	**display**
Module	**widgets**
Tool	**radiobuttons**

Disable specific button

Synopsis
disablebutton(idx)

Arguments

idx	*Button number* *Allowed: Integer*

Returns
T

Description

This function disables a specific button in the widget.

---

radiobuttons.done - Function

Package	**display**
Module	**widgets**
Tool	**radiobuttons**

Destroy ourselves

Synopsis
done()

Returns
Bool

Description

This tool function destroys the widget.

---

radiobuttons.enablebutton - Function

Package	**display**
Module	**widgets**
Tool	**radiobuttons**

Enable a specific button

Synopsis
enablebutton(idx)

Arguments

idx	*Button number* *Allowed: Integer*

Returns
T

Description

This function enables a specific button in the widget.

---

radiobuttons.getvalue - Function

Package	**display**
Module	**widgets**
Tool	**radiobuttons**

Get the value of the widget

Synopsis
getvalue()

Returns
Record

Description

This function gets the state of the widget. If one of the buttons is selected, it returns a record with two fields: 'name' and 'index' containing the name of the button and its index. If no buttons are selected, it returns an empty record.

---

radiobuttons.reset - Function

Package	**display**
Module	**widgets**
Tool	**radiobuttons**

Reset the widget

Synopsis
reset(idx)

Arguments

idx	*Set this button to T* *Allowed: Integer* *Default: -1*

Returns
T

Description

This function deselects all of the buttons. You can optionally nominate one button to have its state set to T with the `idx` *index (default of* -1 *means select none).*

---

radiobuttons.setstate - Function

Package	**display**
Module	**widgets**
Tool	**radiobuttons**

Set the state of a specific button

Synopsis
setstate(idx, state)

Arguments

idx	*Button number* *Allowed: Integer*
state	*State of button* *Allowed: T or F*

Returns
T

Description

This function sets the state of a specific button. When you set a button's state to T, any other button that is currently selected will deselect.