table	*The table of interest* *Allowed: Table tool, image tool or string* *Default: ''*

Returns
Bool or fail

Description

This function manually (i.e. not via the GUI interface) sets a (new) Table name. It is equivalent to doing it via the GUI.
The Table can be specified in many ways; a Table `tool`, *an Image)* `tool`, *the name of a Table (a string) which might be an AIPS++ image, or the name of a* Glish *symbol which is either a Table or an Image* `tool`.

Example

```
- include 'restoreregions.g'
- include 'image.g'
- include 'table.g'
- r := restoreregions(table='hcn');
- im := image('hcn2');
- t := table('hcn2');
- r.settable(im);
- r.settable('hcn2');
- r.settable(t);
- r.settable('im');
- r.settable('t');
```

In this example, we show all the ways you can specify the table.

1.4.31 rollup - Tool

Package display
Module widgets

Tk widget to hide and expose an embedded frame on demand
include "rollup.g"

Constructors

rollup   Construct a rollup

Functions

disable	*Disable the rollup*
done	*Destroy ourselves*
down	*Show the rollup contents*
enable	*Enable the rollup*
frame	*Return the embedded frame for use*
hidden	*Is the rollup hidden ?*
setpopuphelp	*Set new popuphelp*
switch	*Flip the visible state of the rollup*
up	*Hide the rollup contents*

Description

This Tk widget will manage the hiding and exposure of an embedded frame. The idea is that you create a rollup, and then place GUI items (eg. frames, buttons, listboxes) inside the frame that the rollup provides. The widget builds itself with a titlebar, which the user can press to switch the view between hidden and exposed. Functions exist to control the visibility of the rollup from the command line.
The rollup widget can be treated like many of the built in Tk widgets, except that a frame is not returned: the programmer must explicitly extract the embedded frame with the "frame" function. Many of the construction arguments are identical to those of the built in Tk widgets.

rollup - Constructor

Package	**display**
Module	**widgets**
Tool	**rollup**

Construct a rollup

Synopsis
rollup(parent, font, relief, borderwidth, side, padx, pady, expand, foreground, background, title, titleforeground, titlebackground, show, widgetset)

Arguments

parent	*Parent of the menu* *Allowed: Tk frame*
font	*Font of text* *Allowed: X font* *Default: ''*
relief	*Edge relief* *Allowed: String from 'flat', 'ridge', 'raised', 'sunken', 'groove'* *Default: 'flat'*
borderwidth	*Border width* *Allowed: Integer* *Default: 2*
side	*Direction for child placement* *Allowed: String from 'top', 'left', 'right', 'bottom'* *Default: 'top'*
padx	*Horizontal padding around text* *Allowed: Integer* *Default: 0*
pady	*Vertical padding around text* *Allowed: Integer* *Default: 0*
expand	*How to expand when resized* *Allowed: String from 'x', 'y', 'both', 'none'* *Default: 'both'*
foreground	*Color of text* *Allowed: X color* *Default: 'black'*
background	*Background color* *Allowed: X color* *Default: 'lightgrey'*
title	*String displayed at top of widget* *Allowed: String* *Default: ''*
titleforeground	*Color of title text* *Allowed: X color* *Default: 'black'*
titlebackground	*Background title color* *Allowed: X color* *Default: 'lightgrey'*
show	*Whether to expose frame immediately* *Allowed: Boolean* *Default: T*
widgetset	*Widget set to use* *Allowed: A widgetserver closure tool* *Default: dws*

Returns
rollup widget

Description
Constructs a rollup according to the specified construction arguments, and returns a ref to the widget.

Example

```
include 'rollup.g'
f := frame();
r := rollup(f, title='My rollup');
```

---

rollup.frame - Function

Package	**display**
Module	**widgets**
Tool	**rollup**

Return the embedded frame for use

Synopsis
frame()

Returns
Tk frame

Description
This simply returns the frame that will be exposed and hidden by the rollup widget.

Example

```
f := frame();
r := rollup(f, title='My rollup');
embedded := r.frame();
b := button(embedded, 'A button');
```

---

rollup.switch - Function

Package	**display**
Module	**widgets**
Tool	**rollup**

Flip the visible state of the rollup

Synopsis
switch()

Returns
Bool

Description
A call to this function flips the state of the rollup to hidden if it was previously exposed, and vice versa.

Example

```
r := rollup(f, title='My rollup');
r.switch();
```

---

rollup.down - Function

Package	**display**
Module	**widgets**
Tool	**rollup**

Show the rollup contents

Synopsis
down()

Returns
Bool

Description
A call to this function makes the rollup expose the embedded frame.

Example

```
r := rollup(f, title='My rollup', show=F);
# ...
r.down();
```

---

rollup.up - Function

Package	**display**
Module	**widgets**
Tool	**rollup**

Hide the rollup contents

Synopsis
up()

Returns
Bool

Description
A call to this function makes the rollup hide the embedded frame.

Example

```
r := rollup(f, title='My rollup', show=T);
# ...
r.up();
```

---

rollup.disable - Function

Package	**display**
Module	**widgets**
Tool	**rollup**

Disable the rollup

Synopsis
disable()

Returns
Bool

Description
A call to this function disables the rollup.

Example

```
r := rollup(f, title='My rollup', show=T);
# ...
r.disable();
```

---

rollup.enable - Function

Package	**display**
Module	**widgets**
Tool	**rollup**

Enable the rollup

Synopsis
enable()

Returns
Bool

Description
A call to this function enables the rollup.

Example

```
r := rollup(f, title='My rollup', show=T);
# ...
r.enable();
```

---

rollup.hidden - Function

Package	**display**
Module	**widgets**
Tool	**rollup**

Is the rollup hidden ?

Synopsis
hidden()

Returns
Bool

Description

This tool function returns T if the rollup is hidden (rolled up) and F if it is exposed (rolled down).

Example

```
- r := rollup(f, title='My rollup', show=T);
- r.up()
- r.hidden();
T
- r.down()
- r.hidden();
F
```

---

rollup.done - Function

Package	**display**
Module	**widgets**
Tool	**rollup**

Destroy ourselves

Synopsis
done()

Returns
Bool

Description

This tool function destroys the widget.

Example

```
- r := rollup(f, title='My rollup', show=T);
- r.done();
T
- r
F
-
```

---

rollup.setpopuphelp - Function

Package	**display**
Module	**widgets**
Tool	**rollup**

Set new popuphelp

Synopsis
setpopuphelp(short, long, width)

Arguments