



RebGUI Function Reference

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Purpose: Describes the use and operation of the various RebGUI functions.

Introduction

Each of the following sections describes a function in detail with one or more of the following:

- **Usage:** complete function syntax.
- **Description:** brief description of what the function does.
- **Arguments:** values, and optionally their type(s), expected by the function.
- **Refinements:** flags & optional arguments that control or modify the function's behavior.

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1. [clear-text](#)

USAGE:

```
CLEAR-TEXT face /no-show /focus
```

DESCRIPTION:

Clear text attribute of a widget or block of widgets.

ARGUMENTS:

```
face [object! block!]
```

REFINEMENTS:

```
/no-show          -- Don't show
/focus
```

Source code: [clear-text.r](#)

2. [disable](#)

USAGE:

```
DISABLE face
```

DESCRIPTION:

Disable a widget.

ARGUMENTS:

```
face [object! block!]
```

Source code: [disable.r](#)

3. display

```

USAGE:
    DISPLAY title spec /dialog /parent /close closer /offset xy /maximize /no-wait

DESCRIPTION:
    Displays widgets in a centered window with a title.

ARGUMENTS:
    title [string!]           -- Window title
    spec [block!]             -- Block of widgets, attributes and keywords

REFINEMENTS:
    /dialog                   -- Modal dialog with /parent & /close options
    /parent                   -- Force parent to be last window (default is first)
    /close closer [block!]    -- Handle window close event
    /offset xy [pair!]        -- Offset of window on screen
    /maximize                 -- Maximize window
    /no-wait                  -- Don't wait if a dialog (used by request-progress)

```

Source code: [display.r](#)

4. do-events

```

USAGE:
    DO-EVENTS /email address

DESCRIPTION:
    Process all Display events.

REFINEMENTS:
    /email address [email!]    -- Specify an email address to send errors to.

```

Source code: [do-events.r](#)

5. enable

```

USAGE:
    ENABLE face

DESCRIPTION:
    Enable a widget.

ARGUMENTS:
    face [object! block!]

```

Source code: [enable.r](#)

6. examine

```

USAGE:
    EXAMINE widget /indent /no-print

DESCRIPTION:
    Prints information about widgets and attributes.

ARGUMENTS:
    'widget

REFINEMENTS:
    /indent                   -- Indent output as an MD2 ready string
    /no-print                 -- Do not print output to console

```

Source code: [examine.r](#)

7. get-fonts

```

USAGE:
    GET-FONTS /cache file

DESCRIPTION:
    Obtain list of fonts on supported platforms.

REFINEMENTS:
    /cache file [file!]       -- Obtain fonts from file

```

Source code: [get-fonts.r](#)

8. get-values

```

USAGE:
    GET-VALUES face /type

DESCRIPTION:
    Gets values from input widgets within a display or grouping widget.

ARGUMENTS:
    face [object!]           -- Display face

REFINEMENTS:
    /type                     -- Precede each value with its type

```

Source code: [get-values.r](#)

9. hide-popup

```

USAGE:
    HIDE-POPUP

DESCRIPTION:
    Undisplay current modal dialog/popup.

```

Source code: [hide-popup.r](#)

10. in-widget

```

USAGE:
    IN-WIDGET face type

DESCRIPTION:
    Find matching widget types in a widget's pane.

ARGUMENTS:
    face [object!]           -- Widget
    type [word!]             -- Widget type to find

```

Source code: [in-widget.r](#)

11. layout

```

USAGE:
    LAYOUT spec /only

DESCRIPTION:
    Parse/layout a block of widgets, attributes and keywords.

ARGUMENTS:
    spec [block!]           -- Block of widgets, attributes and keywords

REFINEMENTS:
    /only                   -- Do not change face offset
    /local
        view-face
        here
        margin-size indent-width xy gap-size max-width max-height last-widget widget-face arg append-widget left-to-right
        after-count after-limit
        word
        widget
        disable?
        button-size
        field-size
        label-size
        text-size
        action-alt-click
        action-away
        action-click
        action-dbl-click
        action-edit
        action-focus
        action-key
        action-over
        action-resize
        action-scroll
        action-time
        action-unfocus
        attribute-size
        attribute-span
        attribute-text
        attribute-text-color
        attribute-text-style

```

```

attribute-color
attribute-image
attribute-effect
attribute-data
attribute-edge
attribute-font
attribute-para
attribute-feel
attribute-rate
attribute-show?
attribute-options
attribute-keycode

```

Source code: [layout.r](#)

12. set-color

```

USAGE:
    SET-COLOR face color /no-show /deselect

DESCRIPTION:
    Set and show a widget's color attribute.

ARGUMENTS:
    face [object!]
    color [tuple! none!]

REFINEMENTS:
    /no-show          -- Don't show
    /deselect         -- Restore to base color

```

Source code: [set-color.r](#)

13. set-data

```

USAGE:
    SET-DATA face data /no-show

DESCRIPTION:
    Set and show a widget's data attribute.

ARGUMENTS:
    face [object!]
    data [any-type!]

REFINEMENTS:
    /no-show          -- Don't show

```

Source code: [set-data.r](#)

14. set-focus

```

USAGE:
    SET-FOCUS face /caret

DESCRIPTION:
    Set and show widget focus.

ARGUMENTS:
    face [object!]

REFINEMENTS:
    /caret

```

Source code: [set-focus.r](#)

15. set-locale

```

USAGE:
    SET-LOCALE language

DESCRIPTION:
    Dynamically set/change locale.

ARGUMENTS:
    language [string! none!]

```

Source code: [set-locale.r](#)

16. set-state

```

USAGE:
    SET-STATE face state /no-show

DESCRIPTION:
    Set and show a widget's state.

ARGUMENTS:
    face [object!]
    state [logic!]

REFINEMENTS:
    /no-show                -- Don't show

```

Source code: [set-state.r](#)

17. set-text

```

USAGE:
    SET-TEXT face text /caret /no-show /focus

DESCRIPTION:
    Set and show a widget's text attribute.

ARGUMENTS:
    face [object!]           -- Widget
    text [any-type!]         -- Text

REFINEMENTS:
    /caret                   -- Insert at cursor position (tail if none)
    /no-show                 -- Don't show
    /focus

```

Source code: [set-text.r](#)

18. set-text-color

```

USAGE:
    SET-TEXT-COLOR face color /no-show

DESCRIPTION:
    Set and show a widget's font color attribute.

ARGUMENTS:
    face [object!]
    color [tuple! none!]

REFINEMENTS:
    /no-show                -- Don't show

```

Source code: [set-text-color.r](#)

19. set-texts

```

USAGE:
    SET-TEXTS faces text /no-show

DESCRIPTION:
    Set and show text attribute of a block of widgets.

ARGUMENTS:
    faces [block!]           -- Widgets
    text [any-type!]         -- Text or block of text

REFINEMENTS:
    /no-show                -- Don't show

```

Source code: [set-texts.r](#)

20. set-title

```

USAGE:
    SET-TITLE face title

DESCRIPTION:
    Set and show window title.

ARGUMENTS:

```

```
face [object!]           -- Any face in the window
title [string!]          -- Window bar title
```

Source code: [set-title.r](#)

21. show-popup

```
USAGE:
  SHOW-POPUP face /window window-face

DESCRIPTION:
  face

REFINEMENTS:
  /window window-face [object!]  -- Parent pane to appear in
```

Source code: [show-popup.r](#)

22. translate

```
USAGE:
  TRANSLATE text

DESCRIPTION:
  Dynamically translate a string or block of strings.

ARGUMENTS:
  text                      -- String (or block of strings) to translate
```

Source code: [translate.r](#)

23. undisplay

```
USAGE:
  UNDISPLAY face

DESCRIPTION:
  Closes parent display of face.

ARGUMENTS:
  face [object!]
```

Source code: [undisplay.r](#)