

# Package ‘wingui’

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**Type** Package

**Title** Advanced Windows Functions

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**Description** Helps for interfacing with the operating system particularly for Windows.

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**RcppModules** wingui

**Depends** R (>= 2.15.0), methods, Rcpp

**Imports** utils

**Suggests** plyr, lubridate, stringr

**LinkingTo** Rcpp

**RoxygenNote** 4.1.1.9001

**NeedsCompilation** yes

**Repository** CRAN

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file_manager	<i>Open the file manager</i>
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### Description

Open the file manager

### Usage

```
file_manager(dir = getwd(), manager = getOption("file.manager",
  find_default_fm()))
```

```
explorer(dir = getwd(), manager = getOption("file.manager",
  find_default_fm()))
```

### Arguments

dir	Directory to open.
manager	the file manager to use.

### Functions

- explorer: alias for file\_manager

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GUI	<i>Windows Rgui accessor class</i>
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### Description

This object is defined if using the Rgui interface on windows. Available attributes are available through attributes of GUI

1. \$Title The title of the window.
2. \$opacity Percentage of the opacity of the window.
3. \$transparency Percentage of the transparency of the window, wrapper of opacity
4. \$on.top bollean of if the window is fixed on top.
5. \$layered bollean of if the window is considered layered.
6. \$.pid The process ID.
7. \$.hwnd The window handle.

### Usage

GUI

**Format**

An instance of WindowsGUI reference class.

**Details**

This is a singleton class with instance GUI. The is a [reference class](#) building off the windows API.

**Examples**

```
## Not run:
GUI$Title
GUI$Title <- "My Title"
GUI$opacity <- 0.90      # set to 90%
GUI$transparency        # should now be 0.10
GUI$on.top <- T         # Rgui will now always be on top

## End(Not run)
```

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is_r_startup	<i>Check if R is in the startup sequence.</i>
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**Description**

Check if R is in the startup sequence.

**Usage**

```
is_r_startup()
```

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npp	<i>Launch Notepad++</i>
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**Description**

Launch Notepad++

**Usage**

```
npp(file = NULL, new = FALSE, exe = getOption("wingui::Notepad++",
  find_npp()))
```

**Arguments**

file	file to open in Notepad++
new	open in a new instance?
exe	Path to Notepad++ executable.

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npptor                      *Launch NppToR*

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### Description

Launch NppToR

### Usage

```
npptor(..., exe = getOption("wingui::npptor", find_npptor()),
        startup = getOption("wingui::startup", is_r_startup()))
```

### Arguments

...	passed on as arguments to npptor
exe	path to the NppToR executable
startup	should the '-startup' parameter be passed to npptor?

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read\_lnk                      *Read a windows '.lnk' file.*

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### Description

Read a windows '.lnk' file.

### Usage

```
read_lnk(filename, ...)
```

### Arguments

filename	file to read.
...	discarded

### Value

file path to where the file points, most often specified relatively, along with attribute data which contains the information used to parse the lnk file.

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wingui                      *Manipulate the Windows Rgui.*

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### Description

Manipulate the Windows Rgui.

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