

Package ‘rgrassdoc’

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Type Package

Title Consult 'Grass GIS' Documentation in the RStudio Viewer or your Browser

Version 1.0.0

Description A tool for easy viewing of the documentation of 'GRASS GIS' (see <https://grass.osgeo.org/>). Pages of the 'GRASS GIS' manuals found at https://grass.osgeo.org/grass78/manuals/full_index.html and at <https://grass.osgeo.org/grass78/manuals/addons/> can be viewed within the Viewer pane of 'RStudio', or be opened in the user's default browser.

License GPL-3

Encoding UTF-8

LazyData true

Imports rlang, xml2, rstudioapi, cli

Suggests rgrass7, testthat, covr

RoxygenNote 7.1.1

Depends R (>= 2.10)

BugReports <https://github.com/VLucet/rgrassdoc/issues/>

URL <https://vlucet.github.io/rgrassdoc/>

NeedsCompilation no

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grassmodules78

*GRASS 7.8 modules names and descriptions***Description**

A dataset containing the names and descriptions of all GRASS 7.8 modules and addons, scraped from the GRASS manual full index page.

Usage

```
grassmodules78
```

Format

A data frame with 528 rows and 2 columns.

name character, module name

description character, module description

addon logical, whether the module is an addon

Source

https://grass.osgeo.org/grass78/manuals/full_index.html <https://grass.osgeo.org/grass78/manuals/addons/>

man

*View a 'GRASS GIS' module manual page***Description**

Visualize a 'GRASS GIS' module manual page either in the RStudio viewer pane or in your browser.

Usage

```
man(module, viewer = .Options$grass.viewer, dir = tempdir())
```

```
browse(module, viewer = "browser", dir = tempdir())
```

Arguments

module (Character string, or simply the name of a 'GRASS GIS' module) The function supports non standard evaluation (i.e. `man(r.in.gdal)`).

viewer (Character string) One of "viewer" or "browser". The viewer in which to display the documentation, default to `.Options$grass.viewer` (i.e. the 'Rstudio' pane). `browse` is a wrapper around `man` with the default viewer set to the browser.

dir (Character string) The directory in which to store the cached documentation (default to `tempdir()`).

Value

This function does not return anything and is used for its side effects.

Examples

```
## Not run:  
man("r.in.gdal")  
browse(r.reclass)  
  
## End(Not run)
```

man_set_version	<i>Access or modify the active GRASS doc version</i>
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Description

This set of function can be used to get the version used by the package or to set the desired version.

Usage

```
man_set_version(version = 7.8)  
  
man_get_version()
```

Arguments

version [Double] The desired version of GRASS (7.8, 7.9, etc...)

Value

The function 'man_get_version' will return the currently set version, and 'man_set_version' will do so invisibly.

Examples

```
man_set_version(7.9)  
man_get_version()
```

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