

Package: rgrassdoc (via r-universe)

February 23, 2025

Type Package

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

Version 1.0.0.9000

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/>

Config/pak/sysreqs libxml2-dev

Repository <https://vlucet.r-universe.dev>

RemoteUrl <https://github.com/VLucet/rgrassdoc>

RemoteRef HEAD

RemoteSha 8d8527c864b083360ff853f48b75ca57d1f02ea0

Contents

grassmodules78	2
man	2
man_set_version	3

Index**5**

grassmodules78	<i>GRASS 7.8 modules names and descriptions</i>
----------------	---

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	<i>View a 'GRASS GIS' module manual page</i>
-----	--

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. <code>man(r.in.gdal)</code>).
viewer	(Character string) One of "viewer" or "browser". The viewer in which to display the documentation, default to <code>.Options\$grass.viewer</code> (i.e. the 'Rstudio' pane). <code>browse</code> is a wrapper around <code>man</code> with the default viewer set to the browser.
dir	(Character string) The directory in which to store the cached documentation (default to <code>tempdir()</code>).

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>
-----------------	--

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()
```

Index

* **datasets**

grassmodules78, [2](#)

browse (man), [2](#)

grassmodules78, [2](#)

man, [2](#)

man_get_version (man_set_version), [3](#)

man_set_version, [3](#)