Package ‘rgrassdoc’

March 16, 2021

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
Author Valentin Lucet [aut, cre]
Maintainer Valentin Lucet <valentin.lucet@gmail.com>
Repository CRAN
Date/Publication 2021-03-16 09:10:02 UTC

R topics documented:

  grassmodules78 .............................................................. 2
  man .............................................................................. 2
  man_set_version .............................................................. 3

Index 4
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 de 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**

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

## End(Not run)
```

---

**Description**

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

**Usage**

```r
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**

```r
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