

Package: tmapverse (via r-universe)

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Type Package

Title Meta-Package for Thematic Mapping with 'tmap'

Version 0.1.0

Description Attaches a set of packages commonly used for spatial plotting with 'tmap'. It includes 'tmap' and its extensions ('tmap.glyphs', 'tmap.networks', 'tmap.cartogram', 'tmap.mapgl'), as well as supporting spatial data packages ('sf', 'stars', 'terra') and 'cols4all' for exploring color palettes. The collection is designed for thematic mapping workflows and does not include the full set of packages from the R-spatial ecosystem.

Depends R (>= 4.1)

Imports tmap (>= 4.2), tmap.glyphs, tmap.networks, tmap.cartogram, tmap.mapgl, sf, stars, terra, cols4all, cli, crayon

License GPL-3

Encoding UTF-8

RoxygenNote 7.3.3

NeedsCompilation no

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Config/pak/sysreqs

libabsl-dev cmake libgdal-dev gdal-bin libgeos-dev libglpk-dev make libicu-dev libpng-dev libuv1-dev libxml2-dev libssl-dev libproj-dev libsqlite3-dev libudunits2-dev zlib1g-dev

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

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tmapverse-package	<i>tmapverse Meta-Package for Thematic Mapping</i>
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Description

The tmapverse package attaches a set of packages that are commonly used for spatial plotting with tmap. It includes tmap and its extensions (tmap.glyphs, tmap.networks, tmap.cartogram), as well as supporting spatial data packages (sf, stars, terra), and cols4all for exploring color palettes. The package is intended for use in thematic mapping workflows and does not include the full set of packages from the R-spatial ecosystem.

Author(s)

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tmapverse_packages	<i>List all packages in the tmapverse</i>
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Description

List all packages in the tmapverse. The function tmapverse_packages will return a character vector of packages. The function tmapverse_packages_versions will also return the corresponding versions and those of the latest versions available in the specified repository.

Usage

```
tmapverse_packages(include_deps = FALSE, recursive = FALSE)
```

```
tmapverse_packages_versions(
  include_deps = FALSE,
  recursive = FALSE,
  repos = getOption("repos")
)
```

Arguments

<code>include_deps</code>	Include dependencies?
<code>recursive</code>	If <code>include_deps</code> , should nested dependencies also be included?
<code>repos</code>	repository

Value

vector of package names (`tmapverse_packages`) or a data.frame of version information (`tmapverse_packages_versions`)

Examples

```
tmapverse_packages()
tmapverse_packages(include_deps = TRUE)
tmapverse_packages(include_deps = TRUE, recursive = TRUE)

tmapverse_packages_versions()
tmapverse_packages_versions(include_deps = TRUE)
```

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