

Package: hydrofabric (via r-universe)

December 6, 2024

Type Package

Title Easily Install and Load 'hydrofabric' tools

Description The 'hydrofabric' meta package loads a set of packages that work in harmony to complete hydroscience tasks.

Version 0.2.1

Maintainer Mike Johnson <mike.johnson@noaa.gov>

BugReports <https://github.com/NOAA-OWP/hydrofabric>

URL <https://github.com/NOAA-OWP/hydrofabric>

Depends R (>= 4.2)

Imports arrow, cli (>= 3.6.1), climateR, crayon (>= 1.4.1), dplyr, glue, grDevices, hydrofab, hydroloom, hfssubsetR, jsonlite, purrr, rstudioapi, sf, terra, utils, zonal

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Encoding UTF-8

LazyData true

RoxygenNote 7.3.2

Suggests testthat (>= 3.0.0), mapview, ggplot2, DBI, RSQLite, dm, leaflet, DT, knitr, distill

Remotes NOAA-OWP/hydrofab, mikejohnson51/zonal, mikejohnson51/climateR, lynker-spatial/hfssubsetR

VignetteBuilder knitr

Config/testthat/edition 3

Config/pak/sysreqs cmake libgdal-dev gdal-bin libgeos-dev libglpk-dev libicu-dev libpng-dev libxml2-dev libnetcdf-dev libssl-dev libproj-dev libsqlite3-dev libudunits2-dev libnode-dev libx11-dev

Repository <https://owp-spatial.r-universe.dev>

RemoteUrl <https://github.com/NOAA-OWP/hydrofabric>

RemoteRef HEAD

RemoteSha 2f80386a28e6dd7ead77e20c39841d528e40ed04

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append_style	<i>Append style to GPKG</i>
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Description

Append style to GPKG

Usage

```
append_style(
  gpkg_path,
  qml_dir = system.file("qml", package = "hydrofabric"),
  layer_names
)
```

Arguments

gpkg_path	GPKG path
qml_dir	Directory path
layer_names	layer names to populate

Value

gpkg path

create_style_row	<i>Create style row</i>
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Description

Create style row

Usage

```
create_style_row(gpkg_path, layer_name, style_name, style_qml)
```

Arguments

gpkg_path	GPKG path
layer_name	layer name
style_name	style name
style_qml	style QML

Value

data.frame

hf_dm	<i>Hydrofabric Data Model</i>
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Description

Hydrofabric Data Model

Hydrofabric Data Model

Usage

```
hf_dm
```

```
hf_dm
```

Format

An object of class `list` of length 2.

An object of class `list` of length 2.

hydrofabric_conflicts *Conflicts between the hydrofabric and other packages*

Description

This function lists all the conflicts between packages in the hydrofabric and other packages that you have loaded.

Usage

```
hydrofabric_conflicts(only = NULL)
```

Examples

```
hydrofabric_conflicts()
```

hydrofabric_packages *List all packages in the hydrofabric*

Description

List all packages in the hydrofabric

Usage

```
hydrofabric_packages(include_self = TRUE)
```

Arguments

include_self Include hydrofabric in the list?

Examples

```
hydrofabric_packages()
```

<code>read_qml</code>	<i>Read QML</i>
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Description

Reads in a QML file

Usage

`read_qml(qml_file)`

Arguments

`qml_file` character path

Value

QML contents

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