Package: sdmpack (via r-universe)

August 30, 2024

Title FIU SDM Course Package

Version 0.0.0.9010

Description Course material for FIU course on SDM

License file LICENSE

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

Imports clipr, cyphr, learnr (>= 0.10.6.9000), learnrhash (>= 0.2.0), lifecycle, mapview, parsermd, rgbif, rlang, rstudioapi, rvcheck, sf, spatialsample, stars, stringr

Depends R (>= 2.10), tidymodels, tidyverse

Remotes rstudio/learnr, rundel/learnrhash

Suggests knitr, rmarkdown, sodium, xgboost, rvest, prettydoc, ranger, ENMTools, car, vip

VignetteBuilder knitr

URL https://rdinnager.github.io/sdmpack/

LazyData true

Repository https://rdinnager.r-universe.dev

RemoteUrl https://github.com/rdinnager/sdmpack

RemoteRef HEAD

RemoteSha d11849a6e5b6ef38db1a2b97ae831917a95e6b57

Contents

| convert_hash_code | *Convert a submitted hash code to a learnr document for marking* |

Description

Convert a submitted hash code to a learnr document for marking

Usage

```
convert_hash_code(
  hash_code,
  assignment_path,
  rmd_path = tempfile(fileext = ".Rmd"),
  student = "Test student",
  run = TRUE
)
```

Arguments

hash_code   Character. hash code to convert

assignment_path

                Path to assignment .Rmd

| fofpack_up_to_date | *Check if fofpack is up to date.* |

Description

Always make sure fofpack is up to date before starting any assignment!

Usage

```
fofpack_up_to_date()
```

Value

Invisibly returns TRUE if fofpack is up to date, FALSE otherwise

Examples

```
fofpack_up_to_date()
```

---

send_env_to_RStudio   *Send an environment to RStudio Session*

Description

Send an environment to RStudio Session

Usage

```
send_env_to_RStudio(env_from, remove = "dput_to_string")
```

Arguments

env_from   The environment to send

Value

Nothing

---

set_env   *Synchronise an environment with another*

Description

This function takes everything in an environment and puts it in another, replacing any existing object with the same names.

Usage

```
set_env(env_from, env_to = rlang::global_env())
```

Arguments

env_from   The environment to synchronise with

env_to   The environment to synchronise

Value

Nothing

---

submission_server   *Tutorial submission functions*

Description

The following functions have been modified from code in the github repo https://github.com/mattblackwell/qsslearnr Versions of this appear to have proliferated around github and I have no idea who originally wrote this submission system. If you happen to know, please let me know. All versions of this begin with this preamble I reproduce as well: The following function has modified from Colin Rundel's learnrhash package, available at https://github.com/rundel/learnrhash. Many thanks to Professor Rundel, who has developed a fantastic tool for courses that teach R and use the learnr package.

This note is also modified from Professor Rundel's description: Note that when including these functions in a learnr Rmd document it is necessary that the server function, `submission_server()`, be included in an R chunk where `context="server"`. Conversely, any of the ui functions, `*_ui()`, must *not* be included in an R chunk with a `context`.

Usage

```
submission_server(input, output)

submission_ui
```

Format

An object of class `shiny.tag` of length 3.

---

write_answers   *Write your submitted answers from the assignment to a text file*

Description

[**Deprecated**] This function is no longer required because of the new submission system incorporated directly into assignments.

Usage

```
write_answers(week, where = getwd())
```

Arguments

week	What week's assignment do you want your answers for? This should be numeric.
where	Where do you want it? That is, in which directory on your computer do you want to write the text file. Defaults to your working directory.

Details

Get a text file of your answers to the assignment that you can upload to Canvas.

Value

The path to a text file with answers

Examples

```
write_answers(3)
```

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