

Package: shunyata (via r-universe)

August 21, 2024

Title Deploy Empty Field Teaching Material

Version 0.0.1

Description This package helps set up new teaching material and deploy courses based on the Empty Field teaching workflow.

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URL <https://github.com/emptyfield-ds/shunyata>

BugReports <https://github.com/emptyfield-ds/shunyata/issues>

Imports dplyr, fs, gert, gh, glue, magrittr, purrr, quarto, renderthis
(>= 0.1.0), renv, rscloud (>= 0.0.0.9002), shiny, stringr,
testthat, usethis, utils, withr, zip

Remotes jhelvy/renderthis, rstudio/rscloud

Config/testthat/edition 3

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.1

Repository <https://emptyfield-ds.r-universe.dev>

RemoteUrl <https://github.com/emptyfield-ds/shunyata>

RemoteRef HEAD

RemoteSha 8ab061d194685d8e5dbec448c35bb100e9057c9d

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browse_slides	<i>Open rendered, hostes slides</i>
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Description

Open rendered, hostes slides

Usage

```
browse_slides(.module)
```

Arguments

.module	the name of the module
---------	------------------------

check_solutions	<i>Check solutions</i>
-----------------	------------------------

Description

Check solutions hosted in emptyfield-ds/solutions

Usage

```
check_solutions(.file = NULL)
```

```
check_shiny_solutions(.file = NULL)
```

Arguments

.file	The path of the files to check. If NULL, searches directory for relevant files.
-------	---

create_module	<i>Create a new teaching module</i>
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Description

Create a new directory with R Markdown files for slides, exercises, and solutions.

Usage

```
create_module(  
  module_dir,  
  module_title,  
  module_subtitle = "",  
  include_exercises = TRUE,  
  include_solutions = TRUE,  
  include_img = TRUE  
)
```

Arguments

module_dir	The directory name. Also the file name of the slides file.
module_title	The title of the module
module_subtitle	The subtitle of the module
include_exercises	Include exercises.qmd?
include_solutions	Include solutions.qmd?
include_img	Include an img/ folder?

Value

module_dir, invisibly.

dehydrate_rproj	<i>Dehydrate and rehydrate rproj files for safe project hygiene</i>
-----------------	---

Description

Dehydrate and rehydrate rproj files for safe project hygiene

Usage

```
dehydrate_rproj(dir)  
  
rehydrate_rproj(dir)
```

Arguments

dir The project directory

Value

a filename of either .Rproj or .dehydrated_Rproj

open_temp_module	<i>Copy a teaching package to a temporary directory and open it in RStudio</i>
------------------	--

Description

Copy a teaching package to a temporary directory and open it in RStudio

Usage

```
open_temp_module(module, github = TRUE, open = interactive())
```

Arguments

module The path to a local module or the name of a repo on emptyfile-ds
 github Use the copy of the module on GitHub?
 open Open in RStudio?

Value

Invisibly, the temporary directory where the module package has been copied

path_warehouse	<i>Write a path to the teaching warehouse</i>
----------------	---

Description

path_warehouse() uses the shunyata.teaching_warehouse option to assemble an path to a given module.

Usage

```
path_warehouse(...)
```

Arguments

... Additional path details passed to `fs::path()`.

Value

A path

Examples

```
path_warehouse("purrr_basics")
```

render_slides	<i>Render Module Slides</i>
---------------	-----------------------------

Description

Render Module Slides

Usage

```
render_slides(dir, qmd_name = NULL, render = TRUE)
```

Arguments

dir	The directory where the module is located
qmd_name	The name of Quarto file. By default, assumes that it is the same as dir with a .qmd extension.
render	Logical. Render the Quarto file?

Value

Invisibly, the path to the rendered PDF

rsc_archive_course	<i>Archive an RStudio Cloud Course</i>
--------------------	--

Description

rsc_archive_course() removes members except for rsc_user_id, moving space member projects to their own workspace.

Usage

```
rsc_archive_course(
  space_id,
  rsc_user_id = getOption("shunyata.rscloud_user_id")
)
```

Arguments

space_id	The RStudio Cloud space ID
rsc_user_id	The user ID of the course lead

Value

Invisibly, the course ID

sanitize_module	<i>Sanitize module</i>
-----------------	------------------------

Description

Remove files and directories that aren't needed for the student copy

Usage

```
sanitize_module(
  module,
  new_path = NULL,
  rm_files = c("theme.css", "kakashi.css", "solutions.qmd"),
  rm_dir = c("img", "libs", "_extensions"),
  overwrite = FALSE,
  build_slides = TRUE,
  qmd_name = NULL
)
```

Arguments

module	The name of the module
new_path	Where to copy the sanitized directory
rm_files	Which files to remove
rm_dir	Which directories to remove
overwrite	Overwrite the sanitized module if it already exists?
build_slides	Logical. Render the slides?
qmd_name	The name of Quarto file. By default, assumes that it is the same as dir with a .qmd extension.

Value

invisibly, the path of the new module

sync_module	<i>Sync a module to GitHub</i>
-------------	--------------------------------

Description

sync_module() takes a raw teaching module, renders slides, sanitizes, and syncs with the existing GitHub repo for the module. Use with [path_warehouse\(\)](#).

Usage

```
sync_module(.dir)
```

Arguments

.dir	The path to the module
------	------------------------

use_course_template	<i>Use course template</i>
---------------------	----------------------------

Description

A wrapper around [usethis::use_template](#) to use templates in this package.

Usage

```
use_course_template(
  template,
  save_as = template,
  data = list(),
  ignore = FALSE,
  open = FALSE
)
```

Arguments

template	Path to template file relative to templates/ directory within package; see details.
save_as	Path of file to create, relative to root of active project. Defaults to template
data	A list of data passed to the template.
ignore	Should the newly created file be added to .Rbuildignore?
open	Open the newly created file for editing? Happens in RStudio, if applicable, or via utils::file.edit() otherwise.

use_edu_cca_license *Add CC-by-A License to Repo* README

Description

use_edu_cca_license() adds a Creative Commons Attribution 4.0 International License to the README of an educational repository.

Usage

```
use_edu_cca_license(proj = usethis::proj_get())
```

Arguments

proj The directory of the project, by default the usethis project.

Value

Invisibly, the path to the README

use_ef_github *Create a Bare-Bones Repo on Empty Field DS*

Description

use_ef_github() creates a bare-bones repo intended for use with [sync_module\(\)](#)

Usage

```
use_ef_github(repo_name, private = FALSE)
```

Arguments

repo_name The name of the repo to be created
private Logical. Should the repo be private?

Value

Opens the URL of the repo

write_deps	<i>Manage module dependencies</i>
------------	-----------------------------------

Description

read_deps() pulls the package dependencies in .deps for modules from GitHub

Usage

```
write_deps(deps, path = ".")
```

```
detect_deps(path)
```

```
read_deps(modules)
```

Arguments

deps A vector of dependencies

path A path to the module

modules A vector of modules

Value

A vector of module dependencies

zip_modules	<i>Zip modules to upload to RStudio Cloud</i>
-------------	---

Description

zip_modules() zips modules in a directory for upload to RStudio Cloud, e.g. the mastering_r_for_epi repository.

Usage

```
zip_modules()
```

Value

invisibly, a vector of directories

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