

Package: monash (via r-universe)

November 16, 2024

Title Consolidated tools and templates for staff at Monash University

Version 0.0.0.9000

Description Rmarkdown templates and other tools for use at Monash University, Department of Econometrics & Business Statistics.

License GPL-3

Encoding UTF-8

Language en

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.2

Imports bookdown, cli, clipr, clisymbols, crayon, desc, dplyr, fs, glue, googlesheets4, lubridate, purrr, readr, rlang, rstudioapi, scales, stringr, usethis, vctrs

Suggests binb, knitr, rmarkdown, testthat

VignetteBuilder knitr

Config/pak/sysreqs git make libgit2-dev libicu-dev libssl-dev libx11-dev

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

RemoteUrl <https://github.com/numbats/monash>

RemoteRef HEAD

RemoteSha cc95d915d0631c8493bdece6dc85f43701281d84

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letter	<i>Output formats for Monash EBS documents</i>
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Description

Each function is a wrapper for [pdf_document2](#) to produce documents in Monash EBS style.

Usage

```
letter(...)
```

```
exam(...)
```

```
workingpaper(...)
```

```
report(...)
```

```
memo(...)
```

Arguments

... Arguments passed to [pdf_document2](#).

Value

An R Markdown output format object.

Author(s)

Rob J Hyndman

logo_get	<i>Get Monash logo</i>
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Description

A quick way of getting the Monash logo.

Usage

```
logo_get(  
  path = ".",  
  stack = TRUE,  
  color = c("blue", "black", "white"),  
  type = c("png", "jpg", "ai"),  
  hq = FALSE,  
  overwrite = TRUE,  
  filename = NULL  
)
```

Arguments

path	the path to save the file to
stack	TRUE for stacked logo, FALSE for one-line logo
color	blue, black or white
type	png, jpg or ai
hq	TRUE for high-quality image (larger file size)
overwrite	TRUE for overwriting (should it enquire?), FALSE for not. Not implemented yet.
filename	A new file name for the logo. Not implemented yet.

Source

<https://www.monash.edu/brandbook/brand-elements/our-logo>

monash-color

Monash brand colors

Description

Monash brand colors

Usage

```
color_all() # show both primary and secondary colors  
color_show(print = TRUE)  
color_primary()  
color_secondary()
```

Arguments

print	whether to print the color vector
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Primary palette

- Monash Blue is our most identifiable colour. It conveys youthfulness, possibility and openness. It should always be considered first.
- Black conveys prestige, timelessness and sophistication.
- White is often shown as white space and conveys the brand personality of being open and youthful.
- Greys can be any percentage of black and provides additional flexibility to our primary colour palette.

The primary colour palette is preferred for digital work.

Secondary palette

Inspired by the colours of our academic robes, we have a range of bright, colourful secondary colours.

Secondary colours are to be used:

- in charts and diagrams to highlight key findings
- as headings and subheadings
- sparingly to provide highlights or accents – ideally one or two secondary colours per double page spread
- to speak to a particular audience group. For instance, colours that would resonate best with our prospective undergraduate audience would be colourful, bright and youthful. Industry and research would suit a more corporate/mature choice to reflect focus and prestige.

quarto_template

List of Quarto templates available

Description

This function lists the Monash Quarto templates available.

Usage

```
quarto_template_use(  
  type = c("report", "workingpaper", "thesis", "memo", "letter", "exam"),  
  dir = type  
)  
  
quarto_template_install(  
  type = c("report", "workingpaper", "thesis", "memo", "letter", "exam")  
)  
  
quarto_template_add(  
  type = c("report", "workingpaper", "thesis", "memo", "letter", "exam")  
)
```

Arguments

type One of either "report", "workingpaper", "thesis", "memo", or "letter".
dir The name of the directory to put the template in. The directory should not exist.

Examples

```
## Not run:  
quarto_template_use("report", dir = "myreport")  
quarto_template_install("workingpaper")  
quarto_template_add("thesis")  
  
## End(Not run)
```

release-functions *Release materials*

Description

Release materials

Usage

```
release_lecture(  
  week,  
  dir = "tutorials",  
  output_dir = "release",  
  ignore = getOption("monash.lecture.ignore"),  
  interactive = rlang::is_interactive(),  
  overwrite = TRUE  
)  
  
release_tutorial(  
  week,  
  dir = "tutorials",  
  output_dir = "release",  
  ignore = getOption("monash.tutorial.ignore"),  
  interactive = rlang::is_interactive(),  
  overwrite = TRUE  
)  
  
release_tutorial_solution(  
  week,  
  dir = "tutorials",  
  output_dir = "release",  
  ignore = getOption("monash.tutorial.ignore"),  
  interactive = rlang::is_interactive(),  
  overwrite = TRUE  
)
```

Arguments

week	the week number
dir	the subdirectory where the file is
output_dir	the directory where the release folder is
ignore	the file paths to ignore
interactive	not used yet
overwrite	should the files be overwritten?

Examples

```
## Not run:
release_lecture(9) # to release week 9 lecture
release_tutorial(9) # to release week 9 tutorial
release_tutorial_solution(9) # to release week 9 tutorial solution

## End(Not run)
```

zoom_attendance *Link attendance record to google sheet*

Description

Link attendance record to google sheet

Usage

```
zoom_attendance(.data, .sheet, sheetname = "Lecture", week, upload = FALSE)
```

Arguments

.data	The summary data frame with email, total and letter grade.
.sheet	The link to the googlesheet
sheetname	The name of the sheet
week	The week number
upload	Should the attendance be uploaded to a Google sheet?

zoom_process	<i>Process the data frame from zoom meeting to total duration of attendance</i>
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Description

Process the data frame from zoom meeting to total duration of attendance

Usage

```
zoom_process(
  .data,
  start = NA,
  end = NA,
  length = 120,
  accept = c(A = length * 1/2, P = length * 3/4)
)
```

Arguments

.data	Data frame
start, end	A date time of when the zoom meeting started or ended. If NA, this is ignored. If the date time is supplied, then the time is censored.
length	The total length of the session in minutes.
accept	A named numeric vector that signifies the minimum required amount for the letter grade.

zoom_read	<i>This reads in the zoom report</i>
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Description

The zoom meeting report is expected to have the meeting information and uncheck the "unique users" so that the record for start and end time exists. The latter is required so that total time for students is recorded from the start of the lecture to the end of the time and not because the student happens to be lingering before/after.

Usage

```
zoom_read(file, info = TRUE, date_format = "%m/%d/%Y %I:%M:%S %p")
```

Arguments

file	The file name for the zoom meeting report.
info	TRUE or FALSE of whether the meeting information is included in the file.
date_format	A date format specification. See readr::parse_datetime() for more details.

Details

In order to identify the student, the zoom meeting should be set to authenticate and restricted to Monash id alone. This makes the data linkage easier with record in LMS.

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