

Package: uofgdataanalyticsreport (via r-universe)

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Title R Markdown template to create assignment reports for UofG Data Analytics programmes.

Version 0.3.1.0003

Description Provides an R Markdown template to use in UofG Data Analytics reports.

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Depends R (>= 4.0.0), glue, knitr (>= 1.12), base64enc, evaluate, highr, htmltools, jquerylib, knitr, markdown, rmarkdown, stringi, stringr, tinytex, utils, withr, yaml, systemfonts, bookdown

Encoding UTF-8

LazyData true

Roxygen list(markdown = TRUE)

RoxygenNote 7.1.1

VignetteBuilder knitr

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

RemoteUrl <https://github.com/carlosyanez/uofgdataanalyticsreport>

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cd_format_date *Corporate Design: Format Date*

Description

Format date in local language format

Usage

```
cd_format_date(date, lang = default(rmarkdown::metadata$lang, "en-US"))
```

Arguments

date	Current date
lang	Language, either "de-DE", "de-CH" or "en-US"

Value

Character string, date in local format

Examples

```
cd_format_date("2012-01-01", "de-DE")  
cd_format_date("2012-01-01", "en-US")
```

cd_knit_chunk_opts *Corporate Design: knitr Chunk Options*

Description

Set knitr chunk options in accordance with corporate design.

Usage

```
cd_knit_chunk_opts(  
  twocolumn = default(rmarkdown::metadata$twocolumn, FALSE),  
  fig.width = NULL,  
  fig.height = NULL,  
  fig.pos = "h",  
  message = FALSE,  
  echo = FALSE  
)
```

Arguments

twocolumn	Use two-column mode? This will affect fig.width and fig.height.
fig.width	Figure width. If NULL, automatically chosen based on twocolumn.
fig.height	Figure height If NULL, automatically chosen based on twocolumn.
fig.pos	Floating modifier for figures
message	Should messages be shown?
echo	Should echo be shown?

Value

This function is called for its side effects and returns NULL, invisibly.

Examples

```
cd_knit_chunk_opts()
```

cd_page_title	<i>Corporate Design: Title Page</i>
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Description

Example function to generate a title page

Usage

```
cd_page_title(
  title = default(rmarkdown::metadata$title, "Title"),
  subtitle = default(rmarkdown::metadata$subtitle, "Subtitle"),
  date = default(rmarkdown::metadata$date, cd_format_date(Sys.Date()))
)
```

Arguments

title	Document title
subtitle	Document subtitle
date	Document creation date

Value

Object of class "knit_asis" (so that knitr will treat it as is). LaTeX code for title page.

Examples

```
cd_page_title(
  title = "My Title",
  subtitle = "My Subtitle"
)
```

default	<i>Set Default Value</i>
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Description

Set default value of an argument. If `x` is `NULL`, `default` is used.

Usage

```
default(x, default = "")
```

Arguments

<code>x</code>	Character string, or <code>NULL</code>
<code>default</code>	If <code>x</code> is <code>NULL</code> , <code>default</code> is used.

Value

Character string

Examples

```
default(NULL)
default(NULL, "my default")
default("a string", "my default")
```

indiedown_glue	<i>Glue LaTeX Code for Use in R Markdown</i>
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Description

Use the function to wrap literal LaTeX code in R. Use a raw string input (`r"()"`) to automatically escape quotes and backslashes, as they are common in LaTeX. Expressions enclosed by `<<` and `>>` will be evaluated as R code.

Usage

```
indiedown_glue(x, .open = "<<", .close = ">>")
```

Arguments

<code>x</code>	Character, often as a raw string (<code>r"()"</code>)
<code>.open</code> , <code>.close</code>	The opening and closing delimiter.

Details

indiedown_glue() uses a different default than the underlying glue::glue() (<< and >>), because braces are so common in LaTeX. Doubling the full delimiter (<<<< and >>>>) escapes it.

Value

Object of class "knit_asis" (so that knitr will treat it as is). Usually LaTeX code.

Examples

```
x <- "something"
indiedown_glue(r"(\LaTeX\ code with <<x>> substituted)")
```

indiedown_path	<i>Path helpers</i>
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Description

indiedown_path() creates a path to this package's indiedown assets, located at inst/indiedown.
indiedown_path_tex() creates a path that is usable in LaTeX, with all special characters escaped.

Usage

```
indiedown_path(...)  
indiedown_path_tex(...)
```

Arguments

... Path components, passed on to system.file().

Value

Character string, path to this package's indiedown assets

Examples

```
indiedown_path()
```

uofgdataanalyticsreport

Customized R Markdown Document

Description

`uofgdataanalyticsreport()` is the main function of the `uofgdataanalyticsreport` package. Use as `output: uofgdataanalyticsreport::uofgdataanalyticsreport` in the R Markdown YAML header.

Usage

```
uofgdataanalyticsreport(...)
```

Arguments

... Passed on to `rmarkdown::pdf_document()`.

Value

R Markdown output format to pass to `rmarkdown::render()`.

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