

Package: kwb.budget (via r-universe)

September 2, 2024

Title R Package for Aggregating and Analysing Budget Excel Files from Project Partners

Version 0.0.0.9000

Description R package useful during project development (e.g. H2020 calls with many project partners). By using a budget EXCEL template file, data received from the different partners can be aggregated and analysed.)

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URL <https://github.com/KWB-R/kwb.budget>

BugReports <https://github.com/KWB-R/kwb.budget/issues>

Imports dplyr, fs, kwb.nextcloud (>= 0.1.0), kwb.utils (>= 0.6.0), magrittr, parallel, openxlsx (>= 4.1.4), rlang, stringr

Suggests covr, knitr, rmarkdown

VignetteBuilder knitr

Remotes github::kwb-r/kwb.nextcloud@dev,
github::kwb-r/kwb.utils@v0.6.0

Encoding UTF-8

LazyData true

Roxygen list(markdown = TRUE)

RoxygenNote 7.1.0

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

RemoteUrl <https://github.com/KWB-R/kwb.budget>

RemoteRef HEAD

RemoteSha f32d13f4f297eebc6932870ad4d6fdb37132e7db

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append_zero_costs *Helper function: append zero costs*

Description

Helper function: append zero costs

Usage

```
append_zero_costs(x, n_work_packages)
```

Arguments

x	x
n_work_packages	number of work packages in EXCEL template (default: 7, as used for DWC)

Value

data frame with zero costs

create_partners_budget_files
Create partners budget files (for DWH)

Description

Create partners budget files (for DWH)

Usage

```
create_partners_budget_files(
  path_partners,
  path_budget_template,
  project_shortcode = "DWH",
  target_dir = file.path(dirname(path_budget_template), "10_Filled_out_forms"),
  set_values = FALSE,
  overwrite = TRUE
)
```

Arguments

- path_partners path to partners budget metadata EXCEL file
- path_budget_template path to budget template EXCEL file
- project_shortcode proposal acronym (default: "DWH")
- target_dir target directory where to save the budget files (default: file.path(dirname(path_budget_template), "10_Filled_out_forms"))
- set_values should metadata from partners EXCEL file be set or just the template budget EXCEL file copied
- overwrite should existing EXCEL files be overwritten (default: TRUE)

Value

budget excel files for each project partner

get_costs_by_sector *Helper function: prepare costs by sector*

Description

Helper function: prepare costs by sector

Usage

```
get_costs_by_sector(costs_overview)
```

Arguments

costs_overview costs data

Value

df with costs by type (e.g. health, water, it, ..)

get_costs_by_type *Helper function: prepare costs by type*

Description

Helper function: prepare costs by type

Usage

```
get_costs_by_type(costs_overview)
```

Arguments

costs_overview costs data

Value

df with costs by type (e.g. SME, research, ..)

get_costs_by_work_package
Get Costs by Work Package

Description

Get Costs by Work Package

Usage

```
get_costs_by_work_package(costs_list, n_work_packages = 7)
```

Arguments

costs_list list with "costs" from multiple partner Excelsheets
n_work_packages number of work packages in EXCEL template (default: 7, as used for DWC)

Value

data frame with costs per work package

`get_named_excel_ranges`

Helper function: get named Excel ranges

Description

Helper function: get named Excel ranges

Usage

`get_named_excel_ranges(file)`

Arguments

`file` full path to EXCEL file

Value

named Excel ranges

`list_partner_budget_versions`

List the Partner's File Versions (Except Current)

Description

List the Partner's File Versions (Except Current)

Usage

`list_partner_budget_versions()`

```
read_partners_budget_from_excel
```

Read Partners Budget From Excel Files

Description

Read Partners Budget From Excel Files

Usage

```
read_partners_budget_from_excel(
  files,
  n_work_packages = 7,
  run_parallel = TRUE
)
```

Arguments

files	full path to EXCEL files
n_work_packages	number of work packages in EXCEL template (default: 7, as used for DWC)
run_parallel	should import be performed using multiple CPU cores or only run on a single core (default: TRUE)

Value

list with imported EXCEL budget files data

```
read_partner_budget_from_excel
```

Read Partner Budget From Excel File

Description

Read Partner Budget From Excel File

Usage

```
read_partner_budget_from_excel(file, n_work_packages = 7, dbg = TRUE)
```

Arguments

file	full path to EXCEL file
n_work_packages	number of work packages in EXCEL template (default: 7, as used for DWC)
dbg	debug message (default: TRUE)

read_partner_budget_from_excel

7

Value

list with imported EXCEL budget file data

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