

Package: `pacta.portfolio.audit` (via `r-universe`)

September 9, 2024

Title Functions for Calculating Audit Statistics for PACTA on Capital Transition Monitor

Version 0.0.1.9000

Description These utils include functions that facilitate calculation of useful audit statistics for PACTA on Capital Transition Monitor.

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Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.2

Suggests testthat (>= 3.0.0), withr

Config/testthat/edition 3

Imports DBI, dplyr, fs, jsonlite, pacta.portfolio.import, pacta.portfolio.utils, readr, RSQLite, tibble

Remotes RMI-PACTA/pacta.portfolio.import, RMI-PACTA/pacta.portfolio.utils

Config/Needs/website rmi-pacta/pacta.pkgdown.rmitemplate, rmarkdown

URL <https://github.com/RMI-PACTA/pacta.portfolio.audit>

BugReports <https://github.com/RMI-PACTA/pacta.portfolio.audit/issues>

Repository <https://rmi-pacta.r-universe.dev>

RemoteUrl <https://github.com/rmi-pacta/pacta.portfolio.audit>

RemoteRef HEAD

RemoteSha e4d82a86ca4df017f7d5b8bfa84473ea7fddce89

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add_portfolio_flags *Adds flags columns to a portfolio data frame*

Description

Adds flags columns to a portfolio data frame signifying if each holding has a currency specified, has a valid value, has a valid ISIN, and has matching financial data.

Usage

```
add_portfolio_flags(portfolio, currencies)
```

Arguments

portfolio A data frame containing a portfolio
currencies A data frame containing ISO 4217 currency codes and their exchange rates.

Value

A data frame of the portfolio with the flags columns added

calculate_portfolio_financed_emissions
Calculate the financed emissions of a portfolio, by sector and asset type

Description

This functions takes as input a total_portfolio object, and calculates the financed emissions associated to that portfolio, by sector and asset type. If no real emissions data exist for an entity, a sectoral average is used.

Usage

```
calculate_portfolio_financed_emissions(
  data,
  entity_info,
  entity_emission_intensities,
  average_sector_emission_intensities
)
```

Arguments

`data` A dataframe, like the `total_portfolio` object in `web_tool_script_1`.

`entity_info` A dataframe, like the `entity_info` output of `pacta.data.preparation`.

`entity_emission_intensities` A dataframe, like the `entity_emission_intensities` output of `pacta.data.preparation`.

`average_sector_emission_intensities` A dataframe, like the `average_sector_emission_intensities` output of `pacta.data.preparation`.

Value

A summarized dataset, indicating the portfolios financed emissions, per sector and asset type.

`create_ald_flag` *A short description of the function*

Description

A longer description of the function

Usage

```
create_ald_flag(portfolio, comp_fin_data, debt_fin_data)
```

Arguments

`portfolio` A description of the argument

`comp_fin_data` A description of the argument

`debt_fin_data` A description of the argument

Value

A description of the return value

create_audit_file *A short description of the function*

Description

A longer description of the function

Usage

```
create_audit_file(portfolio_total, has_revenue)
```

Arguments

portfolio_total A description of the argument

has_revenue Logical determining if revenue data is included or not

Value

A description of the return value

export_audit_information_data
A short description of the function

Description

A longer description of the function

Usage

```
export_audit_information_data(
  audit_file_ = .GlobalEnv$audit_file,
  portfolio_total_ = .GlobalEnv$portfolio_total,
  folder_path = .GlobalEnv$proc_input_path,
  project_name_ = NA
)
```

Arguments

audit_file_ A description of the argument

portfolio_total_ A description of the argument

folder_path A description of the argument

project_name_ A description of the argument

Value

A description of the return value

get_entity_info	<i>A short description of the function</i>
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Description

A longer description of the function

Usage

```
get_entity_info(dir = .GlobalEnv$analysis_inputs_path)
```

Arguments

dir	A string containing the path to the directory where the entity info files should be found, typically the value of the analysis_inputs_path parameter
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Value

A description of the return value

get_input_files	<i>A short description of the function</i>
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Description

A longer description of the function

Usage

```
get_input_files(
  portfolio_name_ref_all,
  project_location = .GlobalEnv$project_location
)
```

Arguments

portfolio_name_ref_all	A description of the argument
project_location	A character string defining the path to the user's data directory, usually "working_dir" and the value held in the project_location parameter

Value

A description of the return value

left_join_entity_info *A short description of the function*

Description

A longer description of the function

Usage

```
left_join_entity_info(data, entity_info, by = "factset_entity_id")
```

Arguments

data	A description of the argument
entity_info	A description of the argument
by	A description of the argument

Value

A description of the return value

portfolio_summary *A short description of the function*

Description

A longer description of the function

Usage

```
portfolio_summary(portfolio_total, ...)
```

Arguments

portfolio_total	A description of the argument
...	A catch-all for deprecated variables (e.g. grouping_variables)

Value

A description of the return value

process_raw_portfolio A short description of the function

Description

A longer description of the function

Usage

```
process_raw_portfolio(  
    portfolio_raw,  
    fin_data,  
    fund_data,  
    entity_info,  
    currencies,  
    total_fund_list = NULL,  
    isin_to_fund_table = isin_to_fund_table  
)
```

Arguments

<code>portfolio_raw</code>	A description of the argument
<code>fin_data</code>	A description of the argument
<code>fund_data</code>	A description of the argument
<code>entity_info</code>	A description of the argument
<code>currencies</code>	A description of the argument
<code>total_fund_list</code>	A description of the argument
<code>isin_to_fund_table</code>	A description of the argument

Value

A description of the return value

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