

Package: `pacta.interactive.plot` (via `r-universe`)

September 14, 2024

Title What the Package Does (One Line, Title Case)

Version 0.0.0.9000

Description What the package does (one paragraph).

URL <https://rmi-pacta.github.io/pacta.interactive.plot>,
<https://github.com/rmi-pacta/pacta.interactive.plot>

BugReports <https://github.com/rmi-pacta/pacta.interactive.plot/issues>

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Encoding UTF-8

Depends R (>= 3.5.0)

Imports dplyr, jsonlite, magrittr, r2d3, rlang, tidyr, countrycode,
jquerylib

Suggests devtools, covr, knitr, rmarkdown, testthat (>= 3.0.0)

Config/testthat/edition 3

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

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

VignetteBuilder knitr, rmarkdown

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

RemoteUrl <https://github.com/rmi-pacta/pacta.interactive.plot>

RemoteRef HEAD

RemoteSha 0d0a51f156ed924588e591b71b558e34a17756c4

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as_exposure_map_data *Convert raw data into a exposure map data frame*

Description

The as_exposure_map_data function converts raw data into a exposure map data frame

Usage

```
as_exposure_map_data(
  results_map,
  start_year,
  dataframe_translations,
  language_select = "EN"
)
```

Arguments

results_map	results_map
start_year	start_year
dataframe_translations	dataframe_translations
language_select	two letter code for language (single string; default = "EN")

as_exposure_pie_data *Convert raw data into a exposure pie data frame*

Description

The as_exposure_pie_data function converts raw data into a exposure pie data frame

Usage

```
as_exposure_pie_data(  
  audit_file,  
  investor_name,  
  portfolio_name,  
  pacta_sectors = c("Power", "Automotive", "Shipping", "Oil&Gas", "Coal", "Steel",  
    "Cement", "Aviation"),  
  dataframe_translations,  
  language_select = "EN"  
)
```

Arguments

audit_file	audit_file
investor_name	investor_name
portfolio_name	portfolio_name
pacta_sectors	pacta_sectors
dataframe_translations	dataframe_translations
language_select	two letter code for language (single string; default = "EN")

as_peer_comparison_data

Convert raw data into a peer comparison data frame

Description

The as_peer_comparison_data function converts raw data into a peer comparison data frame

Usage

```
as_peer_comparison_data(  
  investor_name,  
  portfolio_name,  
  peer_group,  
  start_year,  
  equity_results_portfolio,  
  bonds_results_portfolio,  
  peers_equity_results_user,  
  peers_bonds_results_user,  
  select_scenario,  
  select_scenario_auto,  
  select_scenario_shipping,  
  select_scenario_other,
```

```
    dataframe_translations,  
    language_select = "EN"  
  )
```

Arguments

```
investor_name  investor_name  
portfolio_name portfolio_name  
peer_group    peer_group  
start_year    start_year  
equity_results_portfolio  
               equity_results_portfolio  
bonds_results_portfolio  
               bonds_results_portfolio  
peers_equity_results_user  
               peers_equity_results_user  
peers_bonds_results_user  
               peers_bonds_results_user  
select_scenario  
               select_scenario  
select_scenario_auto  
               select_scenario_auto  
select_scenario_shipping  
               select_scenario_shipping  
select_scenario_other  
               select_scenario_other  
dataframe_translations  
               dataframe_translations  
language_select  
               two letter code for language (single string; default = "EN")
```

as_tech_exposure_data *Convert raw data into a tech exposure data frame*

Description

The as_tech_exposure_data function converts raw data into a tech exposure data frame

Usage

```

as_tech_exposure_data(
  equity_results_portfolio,
  bonds_results_portfolio,
  indices_equity_results_portfolio,
  indices_bonds_results_portfolio,
  investor_name,
  portfolio_name,
  start_year,
  green_techs = c("RenewablesCap", "HydroCap", "NuclearCap", "Hybrid", "Electric",
    "FuelCell", "Hybrid_HDV", "Electric_HDV", "FuelCell_HDV", "Ac-Electric Arc Furnace",
    "Dc-Electric Arc Furnace"),
  select_scenario,
  select_scenario_auto,
  select_scenario_shipping,
  select_scenario_other,
  all_tech_levels,
  equity_market_levels,
  dataframe_translations,
  language_select = "EN"
)

```

Arguments

```

equity_results_portfolio
    equity_results_portfolio
bonds_results_portfolio
    bonds_results_portfolio
indices_equity_results_portfolio
    indices_equity_results_portfolio
indices_bonds_results_portfolio
    indices_bonds_results_portfolio
investor_name  investor_name
portfolio_name portfolio_name
start_year     start_year
green_techs    green_techs
select_scenario
    select_scenario
select_scenario_auto
    select_scenario_auto
select_scenario_shipping
    select_scenario_shipping
select_scenario_other
    select_scenario_other
all_tech_levels
    all_tech_levels

```

```

equity_market_levels
    equity_market_levels
dataframe_translations
    dataframe_translations
language_select
    two letter code for language (single string; default = "EN")

```

```
as_trajectory_alignment_data
```

Convert raw data into a trajectory alignment data frame

Description

The `as_trajectory_alignment_data` function converts raw data into a trajectory alignment data frame

Usage

```

as_trajectory_alignment_data(
  equity_results_portfolio,
  bonds_results_portfolio,
  indices_equity_results_portfolio,
  indices_bonds_results_portfolio,
  investor_name,
  portfolio_name,
  tech_roadmap_sectors,
  scen_geo_levels,
  all_tech_levels,
  year_horizon = 5,
  dataframe_translations,
  language_select = "en"
)

```

Arguments

```

equity_results_portfolio
    equity_results_portfolio
bonds_results_portfolio
    bonds_results_portfolio
indices_equity_results_portfolio
    indices_equity_results_portfolio
indices_bonds_results_portfolio
    indices_bonds_results_portfolio
investor_name
    investor_name
portfolio_name
    portfolio_name

```

tech_roadmap_sectors	tech_roadmap_sectors
scen_geo_levels	scen_geo_levels
all_tech_levels	all_tech_levels
year_horizon	number of years to include from the start year (single integer/numeric)
dataframe_translations	dataframe_translations
language_select	two letter code for language (single string; default = "EN")

exposure_map_chart *Create an interactive exposure map chart in an htmlwidget*

Description

The exposure_map_chart function creates an interactive exposure map chart in an htmlwidget

Usage

```
exposure_map_chart(.data, width = NULL, height = NULL, ...)
```

Arguments

.data	an exposure map data frame
width, height	width and height of exported htmlwidget in pixels (single integer value; default == NULL)
...	other options passed on to r2d3::r2d3() (see details)

exposure_pie_chart *Create an interactive exposure pie chart in an htmlwidget*

Description

The exposure_pie_chart function creates an interactive exposure pie chart in an htmlwidget

Usage

```
exposure_pie_chart(.data, width = NULL, height = NULL, ...)
```

Arguments

.data	a exposure pie data frame
width	width of exported htmlwidget in pixels (single integer value; default == NULL)
height	height of exported htmlwidget in pixels (single integer value; default == NULL)
...	other options passed on to r2d3::r2d3() (see details)

peer_comparison_chart *Create an interactive peer comparison chart in an htmlwidget*

Description

The `peer_comparison_chart` function creates an interactive peer comparison chart in an `htmlwidget`

Usage

```
peer_comparison_chart(.data, width = NULL, height = NULL, ...)
```

Arguments

<code>.data</code>	a peer comparison data frame
<code>width</code>	width of exported <code>htmlwidget</code> in pixels (single integer value; default == <code>NULL</code>)
<code>height</code>	height of exported <code>htmlwidget</code> in pixels (single integer value; default == <code>NULL</code>)
<code>...</code>	other options passed on to <code>r2d3::r2d3()</code> (see details)

tech_exposure_chart *Create an interactive tech exposure chart in an htmlwidget*

Description

The `tech_exposure_chart` function creates an interactive tech exposure chart in an `htmlwidget`

Usage

```
tech_exposure_chart(.data, width = NULL, height = NULL, ...)
```

Arguments

<code>.data</code>	a tech exposure data frame
<code>width</code>	width of exported <code>htmlwidget</code> in pixels (single integer value; default == <code>NULL</code>)
<code>height</code>	height of exported <code>htmlwidget</code> in pixels (single integer value; default == <code>NULL</code>)
<code>...</code>	other options passed on to <code>r2d3::r2d3()</code> (see details)

`trajectory_alignment_chart`*Create an interactive trajectory alignment chart in an htmlwidget*

Description

The `trajectory_alignment_chart` function creates an interactive trajectory alignment chart in an `htmlwidget`

Usage

```
trajectory_alignment_chart(.data, width = NULL, height = NULL, ...)
```

Arguments

<code>.data</code>	a trajectory alignment data frame
<code>width</code>	width of exported <code>htmlwidget</code> in pixels (single integer value; default == <code>NULL</code>)
<code>height</code>	height of exported <code>htmlwidget</code> in pixels (single integer value; default == <code>NULL</code>)
<code>...</code>	other options passed on to <code>r2d3::r2d3()</code> (see details)

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