Package: OmopViewer (via r-universe)

October 22, 2024

Type Package

Title Visualise OMOP Results using 'shiny' applications

Version 0.1.0

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Description Visualise results obtained from analysing data mapped to
the Observational Medical Outcomes Partnership (OMOP) common
data model using 'shiny' applications.

License Apache License (>= 2)

Encoding UTF-8

LazyData true

RoxygenNote 7.3.2

URL https://ohdsi.github.io/OmopViewer/

Depends R (>= 2.10)

Imports bslib, cli, dplyr, DT, glue, markdown, omopgenerics (>=
0.3.1), purrr, rlang, shiny, snakecase, stringr, styler, tidyr,
usethis, vctrs, visOmopResults (>= 0.4.0), yaml

Suggests CDMConnector, CodelistGenerator (>= 3.2.0),
CohortCharacteristics (>= 0.3.0), CohortConstructor,
DiagrammeR, DrugUtilisation (>= 0.7.1), duckdb, ggplot2, gt,
here, htmlwidgets, IncidencePrevalence (>= 0.8.0), knitr, omock
(>= 0.3.0), OmopSketch, PatientProfiles, plotly, rmarkdown,
RPostgres, shinycssloaders, shinyWidgets, sortable, testthat
(>= 3.1.5), utils, webshot2, zip

VignetteBuilder knitr

Config/testthat/edition 3

Config/testthat/parallel true

Repository https://ohdsi.r-universe.dev

RemoteUrl https://github.com/ohdsi/omopviewer

RemoteRef HEAD

RemoteSha 22a7cf6a076fa4d476eb61523a34a8919d98a991

Contents

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cardFromMd   *Create a 'bslib::card()' object from a '.md' file.*

Description

Create a 'bslib::card()' object from a '.md' file.

Usage

```
cardFromMd(fileName)
```

Arguments

fileName   Name of the .md file.

Value

Ui 'bslib::card' with the background details.

---

cardSummary   *Create a 'bslib::card()' object from a '<summarised_result>' object.*

Description

Create a 'bslib::card()' object from a '<summarised_result>' object.

Usage

```
cardSummary(result)
```

Arguments

result   A '<summarised_result>' object.

Value

A 'bslib::card()' object.

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correctSettings	*Add the strata, group and additional columns to settings with the tidyColumns ('visOmopResults::splitGroup()', 'visOmopResults::splitStrata()', 'visOmopResults::splitAdditional()') for each 'result_id'.*

Description

Add the strata, group and additional columns to settings with the tidyColumns ('visOmopResults::splitGroup()', 'visOmopResults::splitStrata()', 'visOmopResults::splitAdditional()') for each 'result_id'.

Usage

```
correctSettings(result)
```

Arguments

result   A '<summarised_result>' object.

Value

The summarised_result object with the settings corrected

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exportStaticApp	*Export and launch a static shiny specific to the provided results.*

Description

Export and launch a static shiny specific to the provided results.

Usage

```
exportStaticApp(
  result,
  directory,
  logo = "ohdsi",
  title = "",
  background = TRUE,
  summary = TRUE,
  panels = list(),
  theme = NULL,
  open = rlang::is_interactive()
)
```

Arguments

result	A summarised_result object.
directory	Directory to create the shiny.
logo	Name of a logo or path to a logo. If NULL no logo is included. Only svg format allowed for the moment.
title	title of the shiny
background	Whether to include a background panel. Background panel content will be controlled from the generated background.md file.
summary	Whether to include a panel with a summary of content in the 'result'.
panels	List specifying order of results. Each panel is determined by the available result types in the result object. Panels for any available results not specified will be included after the specified result tabs.
theme	Assign a theme to the shiny app using bslib::bs_theme()
open	Whether to open the shiny app project.

Value

The shiny app will be created in directory.

Examples

```
exportStaticApp(
  result = emptySummarisedResult(),
  directory = tempdir(),
  theme = "bslib::bs_theme(bg = '#bb0a1e', fg = '#0000ff')"
)
```

---

filterData	*This function is used to filter data in shinys that inputs are defined following.*

Description

This function is used to filter data in shinys that inputs are defined following.

Usage

```
filterData(result, resultType, input)
```

Arguments

result	A summarised_result object.
resultType	A resultType of interest to filter by.
input	Input of the shiny to filter by.

Value

The filtered result.

---

getChoices *Get the different options that a summarised_result have.*

Description

Get the different options that a summarised_result have.

Usage

```
getChoices(result, flatten = FALSE)
```

Arguments

result	A '<summarised_result>' object.
flatten	Whether to flatten to a single list or not.

Value

A named list with the options

Examples

```
library(CohortCharacteristics)

cdm <- mockCohortCharacteristics()

result <- cdm$cohort1 |>
  summariseCharacteristics()

getChoices(result)
```

---

launchDynamicApp *Launch a dynamic shiny app where you can upload results.*

Description

Launch a dynamic shiny app where you can upload results.

Usage

```
launchDynamicApp()
```

Value

Launches the shiny app.

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omopViewerTable   *Create a formatted gt table.*

Description

Create a formatted gt table.

Usage

```
omopViewerTable(
  result,
  header = character(),
  group = character(),
  hide = character()
)
```

Arguments

result	A tibble it must contain at least two columns: estimate_value and estimate_type.
header	Column names to move to header, must be columns in result.
group	Column names to group by, must be columns in result.
hide	Column names to hide, must be columns in result.

Value

A gt table.

---

tidyData   *Get a tidy tibble from a 'summarised_result' object.*

Description

Get a tidy tibble from a 'summarised_result' object.

Usage

```
tidyData(result)
```

Arguments

result	A 'summarised_result' object.

Value

A tibble.

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