Package 'phecodemap'

October 14, 2022

Title Visualization for PheCode Mapping with ICD-9 and ICD-10-CM Codes

Version 0.1.0

Description To build a shiny app for visualization of the hierarchy of PheCode Mapping with International Classification of Diseases (ICD). The same PheCode hierarchy is displayed in two ways: as a sunburst plot and as a tree.

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Imports collapsibleTree, config (>= 0.3.1), dplyr, DT, golem (>= 0.3.1), plotly, purrr, readr, rintrojs, shinycssloaders, shinydashboard, shinydashboardPlus

Depends R (>= 3.5.0), shiny (>= 1.6.0), shinyBS

Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

URL https://github.com/celehs/phecodemap

BugReports https://github.com/celehs/phecodemap/issues

Suggests rmarkdown, knitr, shinytest, testthat (>= 3.0.0)

VignetteBuilder knitr

Config/testthat/edition 3

NeedsCompilation no

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Repository CRAN

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R topics documented:

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icdmap   *Mappings of PheCodes to ICD codes.*

Description

A dataset containing the mappings of PheCodes to ICD-9 and ICD-10-cm Codes.

Usage

```
icdmap
```

Format

A data frame with 106393 rows and 6 variables:

ICD_version ICD version, ICD-9 or ICD-10-cm

ICD_id ICD-9 and ICD-10-cm Codes

ICD_str Description of ICD Codes

Phecode PheCode ID

Phenotype Description of PheCode ID

Rollup Rollup

Source

<https://phewascatalog.org/>

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run_app   *Run the Shiny Application*

Description

Run the Shiny Application

Usage

```
run_app(
  onStart = NULL,
  options = list(),
  enableBookmarking = "server",
  uiPattern = "/",
  ...
)
```

Arguments

onStart	A function that will be called before the app is actually run. This is only needed for shinyAppObj, since in the shinyAppDir case, a global.R file can be used for this purpose.
options	Named options that should be passed to the runApp call (these can be any of the following: "port", "launch.browser", "host", "quiet", "display.mode" and "test.mode"). You can also specify width and height parameters which provide a hint to the embedding environment about the ideal height/width for the app.
enableBookmarking	
	Can be one of "url", "server", or "disable". The default value, NULL, will respect the setting from any previous calls to enableBookmarking(). See enableBookmarking() for more information on bookmarking your app.
uiPattern	A regular expression that will be applied to each GET request to determine whether the ui should be used to handle the request. Note that the entire request path must match the regular expression in order for the match to be considered successful.
...	arguments to pass to golem_opts. See '?golem::get_golem_options' for more details.

Value

A shiny application.

Examples

```
if (interactive()) {
  run_app()
}
```

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