

Package: phecodemap (via r-universe)

September 7, 2024

Title Visualization for Phecode Mapping with ICD-9 and ICD-10-cm Codes

Version 0.2.0

Description Phecodemap builds a shiny app to visualize the hierarchy of Phecode Mapping with ICD. The same Phecode hierarchy is displayed in two ways: as a sunburst plot and as a tree.

License GPL (>= 3)

Imports collapsibleTree, config (>= 0.3.1), data.table, dplyr, DT, golem (>= 0.3.1), htmltools, plotly, purrr, RColorBrewer, rintrojs, shinycssloaders, shinydashboard, shinydashboardPlus, shinyWidgets

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

Encoding UTF-8

LazyData true

RoxygenNote 7.2.3

URL <https://github.com/celehs/phecodemap.git>

BugReports <https://github.com/celehs/phecodemap.git/issues>

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

VignetteBuilder knitr

Config/testthat/edition 3

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

RemoteUrl <https://github.com/celehs/phecodemap>

RemoteRef HEAD

RemoteSha 46f5bcd16a74ed5637239c1df926bfd629ef73b3

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dict_icd	<i>Information of ICD codes</i>
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Description

A datatable of the information of icd codes from UMLS version 2021AB

Usage

dict_icd

Format

A data frame with 99765 rows and 3 columns:

id ICD code

term ICD string

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

Source

<https://uts.nlm.nih.gov/uts/umls/>

icdmap	<i>Mappings of Phecodes to ICD codes.</i>
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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/>

run_app

*Run the Shiny Application***Description**

Run the Shiny Application

Usage

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

Arguments

Uniq_id	path to a csv files for dict_uqid.
url_va	url to va for phtcode.
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.

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