Package: elaborator (via r-universe)

Title A 'shiny' Application for Exploring Laboratory Data

Version 1.3.4

Description A novel concept for generating knowledge and gaining insights into laboratory data. You will be able to efficiently and easily explore your laboratory data from different perspectives. Janitza, S., Majumder, M., Mendolia, F., Jeske, S., & Kulmann, H. (2021) <doi:10.1007/s43441-021-00318-4>.

Depends R (>= 3.5.0), seriation

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URL https://github.com/openpharma/elaborator

Encoding UTF-8

Imports shiny, dplyr, purrr, DT, here, tidyselect, rlang, tidyr, forcats, RColorBrewer, bsplus, dendextend, haven, reshape2, shape, shinyWidgets, shinydashboard

LazyData true

RoxygenNote 7.2.3

Config/pak/sysreqs make libicu-dev libx11-dev zlib1g-dev

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

RemoteUrl https://github.com/openpharma/elaborator

RemoteRef HEAD

RemoteSha a3d3ac5595f86cf2ad61e33b079a1157efb7f0c8

Contents

launch_elaborator   *Launches the elaborator application*

Description

Starts the elaborator application in the client's browser.

Usage

```
launch_elaborator(
  elaborator_data = NULL,
  host = "0.0.0.0",
  port = NULL,
  browser = NULL
)
```

Arguments

elaborator_data

data derived for the elaborator app

host   host link (defaults to the local machine "127.0.0.1")

port   port number (randomly chosen unless specified as a certain number)

browser   path to browser exe (defaults to standard browser)

Value

A shiny app

Examples

```
if(interactive()){
## Launch application on localhost (127.0.0.1)
## -----------------------------------------
## By default launch_elaborator starts the application on localhost
## and a randomly selected port (e.g. 9876), in which case you can connect
## to the running application by navigating your browser to
## http://localhost:9876.
launch_elaborator()

## Launch application on a different host
## -------------------------------------
## You can also run the application on a different host
## by specifying a hostname and port. Just make sure to
## use an open port on your machine. Here "open" means
## that the port should not be used by another service
## and the port is opened by your firewall.
launch_elaborator(host="your-hostname", port = 8888, browser = NULL)
```

```
## Make the application available to your coworkers
## ---------------------------------------------
## within your local area network even without a
## dedicated Shiny server. The value set through the
## host argument says to accept any connection (not just from localhost).
## Then take note of your local IP (if you are under linux,
## you can see it through ifconfig). Say your IP is 192.168.1.70.
## Your colleagues can use your app by inserting in the address
## bar of their browser 192.168.1.70:8888, i.e. your IP followed
## by : and the port number you selected.
launch_elaborator(host="0.0.0.0", port=8888)

## Launch application on a different browser
## ---------------------------------------
## To run the shiny app on a different browser than your standard browser
## use the "browser" argument to set the path to the respective .exe file.
launch_elaborator(browser = "C:/Program Files/Mozilla Firefox/firefox.exe")
}
```

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