Package 'adepro'

July 22, 2025

Type Package

Title A 'shiny' Application for the (Audio-)Visualization of Adverse
Event Profiles

Version 4.2.7

Description Contains a 'shiny' application called AdEPro (Animation of Adverse Event Pro-
files) which (audio-)visualizes adverse events occurring in clinical trials. As this data is usu-
ally considered sensitive, this tool is provided as a stand-alone applica-
tion that can be launched from any local machine on which the data is stored.

Depends R (>= 3.5.0), shinyBS, seriation (>= 1.2.9)

License GPL-3

URL https://github.com/Bayer-Group/BIC-AdEPro

Encoding UTF-8

RoxygenNote 7.2.3

Imports graphics, MASS, V8, forcats, here, utils, shinyjs, shiny,
audio, shape, Cairo, dplyr, readr, rlang, tidyr, haven, stats,
shinyWidgets, DT

Suggests knitr, rmarkdown, testthat

VignetteBuilder knitr

NeedsCompilation no

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Repository CRAN

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launch_adepro   *launch_adepro - Launches the AdEPro application*

Description

Starts the AdEPro application in the client's browser.

Usage

```
launch_adepro(host = "127.0.0.1", port = NULL, browser = NULL)
```

Arguments

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)

Details

Further information on how to use this application can be found in the vignette of this package.

Value

A shiny app

Examples

```
## Not run:
## Launch application on localhost (127.0.0.1)
## ----------------------------------------
## By default launch_adepro 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_adepro()

## 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_adepro(host="your-hostname", port=8888)


## 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_adepro(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_adepro(browser = "C:/Program Files/Mozilla Firefox/firefox.exe")


## launching the application.

## End(Not run)
```

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