Package: mergenstudio (via r-universe)

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Type Package

Title 'Mergen' Studio: An 'RStudio' Addin Wrapper for the 'Mergen' Package

Version 1.0

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Description An 'RStudio' Addin wrapper for the 'mergen' package. This package employs artificial intelligence to convert data analysis questions into executable code, explanations, and algorithms. This package makes it easier to use Large Language Models in your development environment by providing a chat-like interface, while also allowing you to inspect and execute the returned code.

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Depends R (>= 4.0)

Imports mergen, assertthat, bslib (>= 0.4.2), cli, colorspace, fontawesome, glue, grDevices, htmltools, htmlwidgets, httr2, ids, jsonlite, magrittr, purrr, rlang, rstudioapi (>= 0.12), shiny, shiny.i18n, shinyjs, shinyFiles, fs, stringr (>= 1.5.0), rvest, utils, waiter, yaml, rmarkdown, methods

Encoding UTF-8

Language en-US

RoxygenNote 7.3.2

Suggests testthat (>= 3.0.0)

Config/testthat/edition 3

NeedsCompilation no

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Repository https://jacqueline-98.r-universe.dev

RemoteUrl https://github.com/cran/mergenstudio

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Contents

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addin_mergenchat *Run Mergen Chat*

Description

Run the Mergen Chat Shiny App as a background job and show it in the viewer pane

Usage

```
addin_mergenchat(host = getOption("shiny.host", "127.0.0.1"))
```

Arguments

host   The IPv4 address that the application should listen on. Defaults to the `shiny.host` option, if set, or `"127.0.0.1"` if not. See Details.

Value

This function has no return value.

Examples

```
# Call the function as an RStudio addin
if(interactive()){
addin_mergenchat()
}
```

---

addin_mergenchat_in_source

Mergen Chat in Source

Description

Call this function as a Rstudio addin to ask mergen to improve spelling and grammar of selected text.

Usage

```
addin_mergenchat_in_source()
```

Value

This function has no return value.

Examples

```
if(interactive()) {
  addin_mergenchat_in_source()
}
```

---

run_chat_app   *Run the Mergen Chat app*

Description

This functions starts the mergen chat as a regular shiny application. The same app could be called using the RStudio Add-in and the `mergenchat()` function.

Usage

```
run_chat_app(
  ide_colors = get_ide_theme_info(),
  host = getOption("shiny.host", "127.0.0.1"),
  port = getOption("shiny.port")
)
```

Arguments

ide_colors   List containing the colors of the IDE theme.

host   The IPv4 address that the application should listen on. Defaults to the `shiny.host` option, if set, or `"127.0.0.1"` if not. See Details.

port   The TCP port that the application should listen on. If the `port` is not specified, and the `shiny.port` option is set (with `options(shiny.port = XX))`, then that port will be used. Otherwise, use a random port between 3000:8000, excluding ports that are blocked by Google Chrome for being considered unsafe: 3659, 4045, 5060, 5061, 6000, 6566, 6665:6669 and 6697. Up to twenty random ports will be tried.

Value

This function has no return value.

Examples

```
if(interactive()){
run_chat_app()
}
```

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