Package 'tidydatatutor'

October 14, 2022

Title Send Your R Code to 'Tidy Data Tutor'

Version 0.1.0

Description Visualize your 'Tidyverse' data analysis pipelines via the 'Tidy Data Tutor'(<https://tidydatatutor.com/>) web application.

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URL https://github.com/seankross/tidydatatutor

BugReports https://github.com/seankross/tidydatatutor/issues

Encoding UTF-8

Imports clipr, knitr, rstudioapi

RoxygenNote 7.1.2

Suggests rmarkdown, dplyr, testthat (>= 3.0.0)

Config/testthat/edition 3

NeedsCompilation no

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Repository CRAN

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R topics documented:

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go   *Send Code in the RStudio Editor to Tidy Data Tutor*

Description

Send Code in the RStudio Editor to Tidy Data Tutor

Usage

```
go()
```

Value

A string with an appropriately formatted URL to Tidy Data Tutor (invisibly).

Examples

```
## Not run:

# Copy the following code into an open RStudio editor:

library(dplyr)
library(palmerpenguins)

penguins %>%
  select(species, bill_length_mm) %>%
  group_by(species) %>%
  arrange(desc(bill_length_mm), .by_group = TRUE) %>%
  slice(1)

# Then run this in the console:

tidydatatutor::go()

## End(Not run)
```

---

go_code   *Send a Code String to Tidy Data Tutor*

Description

Send a Code String to Tidy Data Tutor

Usage

```
go_code(code)
```

Arguments

code   A string of R code.

Value

A string with an appropriately formatted URL to Tidy Data Tutor (invisibly).

Examples

```
## Not run:

code =
"library(dplyr)
library(palmerpenguins)

penguins %>%
  select(species, bill_length_mm) %>%
  group_by(species) %>%
  arrange(desc(bill_length_mm), .by_group = TRUE) %>%
  slice(1)"

tidydatatutor::go_code(code)

## End(Not run)
```

---

go_paste   *Send Code Copied to the Clipboard to Tidy Data Tutor*

Description

Send Code Copied to the Clipboard to Tidy Data Tutor

Usage

```
go_paste()
```

Value

A string with an appropriately formatted URL to Tidy Data Tutor (invisibly).

Examples

```
## Not run:

# Copy the following code into the clipboard:

library(dplyr)
library(palmerpenguins)
```

```
penguins %>%
  select(species, bill_length_mm) %>%
  group_by(species) %>%
  arrange(desc(bill_length_mm), .by_group = TRUE) %>%
  slice(1)

# Then run this in the console:

tidydatatutor::go_paste()

## End(Not run)
```

---

go_selection   *Send Code Selected in the RStudio Editor to Tidy Data Tutor*

Description

Send Code Selected in the RStudio Editor to Tidy Data Tutor

Usage

```
go_selection()
```

Value

A string with an appropriately formatted URL to Tidy Data Tutor (invisibly).

Examples

```
## Not run:

# Select some pipeline code in the RStudio editor,
# then run this in the console:

tidydatatutor::go_selection()

## End(Not run)
```

---

tdt_chunk   *Create a Link to Tidy Data Tutor from an R Code Chunk*

Description

Create a Link to Tidy Data Tutor from an R Code Chunk

Usage

```
tdt_chunk(chunk)
```

Arguments

chunk   The name of an R code chunk in the current R Markdown document.

Value

A string with an appropriately formatted URL to Tidy Data Tutor.

Examples

```
## Not run:

<!--- In an R Markdown document: --->
```{r mtcars-1}
library(dplyr)

mtcars %>%
  select(mpg, cyl, hp) %>%
  group_by(cyl) %>%
  summarise(mean(hp))
```

[See this pipeline in Tidy Data Tutor](`r tdt_chunk("mtcars-1")`)

End(Not run)
```

---

tdt_file   *Create a Link to Tidy Data Tutor from an R Code File*

Description

Create a Link to Tidy Data Tutor from an R Code File

Usage

```
tdt_file(file)
```

Arguments

file   The path to an R code file.

Value

A string with an appropriately formatted URL to Tidy Data Tutor.

Examples

```
## Not run:

r_code_file <- system.file("test", "test-1.R", package = "tidydatatutor")
tdt_file(r_code_file)

## End(Not run)
```

---

tdt_link   *Create a Link to Tidy Data Tutor*

Description

Create a Link to Tidy Data Tutor

Usage

```
tdt_link(code)
```

Arguments

code   A string or vector of strings containing R code.

Value

A string with an appropriately formatted URL to Tidy Data Tutor.

Examples

```
## Not run:

code <- "library(dplyr)
Formaldehyde %>% mutate(Sum = carb + optden)"

tdt_link(code)

## End(Not run)
```

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