

# Package ‘tidydatatutor’

December 10, 2021

**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.

**License** MIT + file LICENSE

**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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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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