Package ‘ztype’

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Type   Package
Title  Run a Ztype Game Loaded with R Functions
Version 0.1.0
Author Vincent Guyader
Maintainer Vincent Guyader <vincent@thinkr.fr>
Description How fast can you type R functions on your keyboard? Find out by running a 'zty.pe' game: export R functions as instructions to type to destroy opponents vessels.
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LazyData TRUE
Imports magrittr, rvest, stats, stringr, utils, dplyr, ggplot2, lubridate, assertthat
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Description

generate a ZType game by pushing a set of levels on the website.

Usage

gen_game(set_of_levels, open = FALSE)

Arguments

set_of_levels  the set of levels to use
open           boolean open browser

Examples

## not run:
require(ztype)
require(magrittr)
c("dplyr", "ggplot2", "lubridate") %>% gen_set_of_words() %>%
gen_set_of_levels(10) %>%
gen_game() %>% browseURL()

## end(not run)

Description

generate a set of levels with increasing difficulty

Usage

gen_set_of_levels(set_of_words, nb = 25)

Arguments

set_of_words  a sorted vector of the collection of words to use
nb            the number of levels to generate
**Examples**

```r
dplyr", "ggplot2", "lubridate") %>% gen_set_of_words() %>%
gen_set_of_levels(10) %>% cat()
```

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**Description**

extracts all function names from a given list of packages

**Usage**

```r
gen_set_of_words(packages)
```

**Arguments**

- `packages` character vector. package(s) to parse and extract function names from

**Value**

- a character vector

**Examples**

```r
## Not run:
require(ztype)
require(magrittr)
c("dplyr", "ggplot2", "lubridate") %>% gen_set_of_words()
## End(Not run)
```

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**level**  

**Description**

generates a collection of words to build a ZType game level

**Usage**

```r
level(set_of_words, quantity, difficulty)
```
Arguments

set_of_words a sorted vector of the collection of words to use
quantity an integer the number of words to pick in
difficulty an integer reflecting the level's difficulty

Examples

require(ztype)
require(magrittr)
c("dplyr", "ggplot2", "lubridate") %>% gen_set_of_words() %>% level(10, 50)

ztype  ztype

Description

How fast can you type R functions on your keyboard? Find out by running a 'zty.pe' game: export R functions as instructions to type to destroy opponents vessels.

Usage

ztype(packages = c("dplyr", "ggplot2", "lubridate"), nb = 25)

Arguments

packages a vector containing installed packages from which extract function names
nb number of levels to design in the ZType game

Examples

## Not run:
require(ztype)
require(magrittr)
ztype() # dplyr, ggplot2 and lubridate
c("lubridate") %>% ztype()

## End(Not run)

## Not run:
require(ztype)
require(magrittr)
ztype()# dplyr, ggplot2 and lubridate
c("lubridate") %>% ztype()

## End(Not run)
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