Package ‘Randomuseragent’

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Type Package
Title Filtering and Randomly Sampling Real User-Agent Strings
Version 0.0.1
Description Based on data of real user-agent strings, we can set filtering conditions and randomly sample user-agent strings from the user-agent string pool.
License MIT + file LICENSE
Encoding UTF-8
Depends R (>= 3.5)
Suggests dplyr, knitr, markdown, rmarkdown
VignetteBuilder knitr
URL https://github.com/fangzhou-xie/Randomuseragent,
BugReports https://github.com/fangzhou-xie/randomuseragent/issues
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filter_useragent  

_filter useragents based on criteria_

Description

filter useragents based on criteria

Usage

```r
filter_useragent(
  min_obs = 0,
  software_name = NULL,
  software_type = NULL,
  operating_system_name = NULL,
  layout_engine_name = NULL
)
```

Arguments

- **min_obs**
  - minimum number observed for any given UA string, default 5000
- **software_name**
  - e.g. "Chrome", "Safari", "Firefox", "Edge", etc
- **software_type**
  - e.g. "browser", "bot", "application"
- **operating_system_name**
  - e.g. "Windows", "Linux", "Mac OS X", "macOS", etc
- **layout_engine_name**
  - e.g. "Gecko", "Blink", etc

Value

character vector of user agents

Examples

```r
filter_useragent(
  min_obs = 500000,
  software_name = "Chrome",
  operating_system_name = "Linux"
)
```
random_useragent

randomly choosing an user-agent string, given a set of conditions

Description
randomly choosing an user-agent string, given a set of conditions

Usage
random_useragent(
  min_obs = 5000,
  software_name = NULL,
  software_type = "browser",
  operating_system_name = "Windows",
  layout_engine_name = NULL
)

Arguments
min_obs minimum number observed for any given UA string, default 5000
software_name e.g. "Chrome", "Safari", "Firefox", "Edge", etc
software_type e.g. "browser", "bot", "application"
operating_system_name e.g. "Windows", "Linux", "Mac OS X", "macOS", etc
layout_engine_name e.g. "Gecko", "Blink", etc

Value
a random user agent string, given filter conditions

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