Package 'Randomuseragent'

October 12, 2022

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.

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Encoding UTF-8

Depends R (>= 3.5)

Suggests dplyr, knitr, markdown, rmarkdown

VignetteBuilder knitr

URL https://github.com/fangzhou-xie/Randomuseragent,

https://fangzhou-xie.github.io/Randomuseragent/index.html

BugReports https://github.com/fangzhou-xie/randomuseragent/issues

RoxygenNote 7.1.1

NeedsCompilation no

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R topics documented:

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filter_useragent   *filter useragents based on criteria*

Description

filter useragents based on criteria

Usage

```
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

```
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

Examples

```
random_useragent()
```

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