

Package ‘uaparserjs’

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Type Package

Title Parse Browser 'User-Agent' Strings into Data Frames

Version 0.1.0

Date 2016-08-04

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Description Despite there being a section in RFC 7231 <<https://tools.ietf.org/html/rfc7231#section-5.5.3>> defining a suggested structure for 'User-Agent' headers this data is notoriously difficult to parse consistently. A function is provided that will take in user agent strings and return structured R objects. This is a 'V8'-backed package based on the 'ua-parser' project <<https://github.com/ua-parser>>.

URL <http://github.com/hrbrmstr/uaparserjs>

BugReports <https://github.com/hrbrmstr/uaparserjs/issues>

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Suggests testthat

Depends R (>= 3.0.0)

Imports purrr, dplyr, V8

RoxygenNote 5.0.1

NeedsCompilation no

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OS_type unix

R topics documented:

uaparserjs	2
ua_parse	2

Index**3**

uaparserjs	<i>Parse Browser User Agent Strings into Data Frames</i>
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Description

Parse Browser User Agent Strings into Data Frames

Author(s)

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ua_parse	<i>Parse a vector of user agents into a data frame</i>
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Description

Takes in a character vector of user agent strings and returns a tibble of parsed user agents.

Usage

```
ua_parse(user_agents, .progress = FALSE)
```

Arguments

<code>user_agents</code>	a character vector of user agents
<code>.progress</code>	if TRUE, will display a progress bar in interactive mode

Value

a tibble with columns for user agent family, major & minor versions plus patch level along with os family and major & minor versions plus device brand and model.

Note

The regex YAML import date: 2016-08-04

References

<http://www.uaparser.org/>

Examples

```
ua_parse(paste0("Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/535.2 (KHTML, ",
  "like Gecko) Ubuntu/11.10 Chromium/15.0.874.106 ",
  "Chrome/15.0.874.106 Safari/535.2", collapse=""))
```

Index

[ua_parse](#), 2
[uaparserjs](#), 2
[uaparserjs-package \(uaparserjs\)](#), 2