Package ‘uaparserjs’

May 11, 2020

<table>
<thead>
<tr>
<th>Type</th>
<th>Package</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>Parse 'User-Agent' Strings</td>
</tr>
<tr>
<td>Version</td>
<td>0.3.5</td>
</tr>
<tr>
<td>Date</td>
<td>2020-05-11</td>
</tr>
<tr>
<td>Maintainer</td>
<td>Bob Rudis <a href="mailto:bob@rud.is">bob@rud.is</a></td>
</tr>
</tbody>
</table>

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. Tools are 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  https://gitlab.com/hrbrmstr/uaparserjs

BugReports  https://gitlab.com/hrbrmstr/uaparserjs/issues

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Suggests  tinytest

Depends  R (&gt;= 3.5.0)

Encoding  UTF-8

Imports  progress, V8

RoxygenNote  7.1.0

NeedsCompilation  no

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Repository  CRAN

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R topics documented:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>uaparserjs</td>
<td>2</td>
</tr>
<tr>
<td>ua_parse</td>
<td>2</td>
</tr>
</tbody>
</table>
Index

uaparserjs Parse 'User-Agent' Strings

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. Tools are 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].

Author(s)

Bob Rudis (@hrbrmstr)

ua_parse Parse a vector of user agents into a data frame

Description

Takes in a character vector of user agent strings and returns a data frame classed as tibble of parsed user agents.

Usage

ua_parse(user_agents, .progress = FALSE)

get_cache()

Arguments

user_agents a character vector of user agents

.progress if 'TRUE' will display a progress bar in interactive mode

Value

a data frame classed as 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: 2020-03-31

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

get_cache (ua_parse), 2
ua_parse, 2
uaparser.js, 2