

Package: openaccess (via r-universe)

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Type Package

Title Check If a Paper Is in Open Access

Version 0.1.0

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Description Check whether the papers you use are in open access.

Imports glue, RSelenium, rvest (>= 1.0.0), stringr, utils

License GPL (>= 3)

Encoding UTF-8

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

URL <https://github.com/turtletopia/openaccess>

BugReports <https://github.com/turtletopia/openaccess/issues>

Language en-US

Config/pak/sysreqs libicu-dev libxml2-dev libssl-dev

Repository <https://turtletopia.r-universe.dev>

RemoteUrl <https://github.com/turtletopia/openaccess>

RemoteRef HEAD

RemoteSha d97f7c16b0a71a3893a6d2ea726c556316106c77

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| is_open_access | <i>Check a paper for open access</i> |
|----------------|--------------------------------------|

Description

Checks whether the full text of the paper is available without restrictions. Throws error if no interpreter available for the journal.

Usage

```
is_open_access(article)

## S3 method for class 'character'
is_open_access(article)

## S3 method for class 'xml_document'
is_open_access(article)

## S3 method for class 'oa_remote_driver'
is_open_access(article)

## S3 method for class 'oa_html_document'
is_open_access(article)
```

Arguments

| | |
|---------|--|
| article | character(1) xml_document(1) DOI of the paper; or the HTML site containing the paper acquired using <code>rvest::read_html()</code> or <code>httr2::resp_body_html()</code> . |
|---------|--|

Value

TRUE or FALSE depending on check result.

Supported sources

- Academic Press
- ACS Publications
- Analytical Science Journals
- BioMed Central
- Biophysical Journal
- Cambridge Core
- Cell Reports
- eLife
- Elsevier

- FEBS Press
- Frontiers
- Hindawi
- Journal of Biological Chemistry
- Journal of Neuroscience
- MDPI
- Molecular Cell
- Nature
- OUP Academic
- PeerJ
- Pergamon
- PLOS ONE
- PNAS
- Portland Press
- The Royal Society of Chemistry
- Science
- SpringerLink
- Taylor & Francis
- Wiley Online Library

Examples

```
is_open_access("10.1093/nar/gkac882")
```

start_remote_driver *Create browser connection for RSelenium*

Description

Connects to a browser for RSelenium. RSelenium is needed for some cases where rvest package doesn't suffice, usually due to 403 or 503 status codes received. However, RSelenium setup is much more complicated, this is why rvest is preferred unless there is no choice.

Usage

```
start_remote_driver(...)
```

Arguments

... ANY
Parameters passed to `RSelenium::remoteDriver()`.

Value

Nothing, function called for its side effects.

Examples

```
## Not run:  
start_remote_driver(port = 4567L, browserName = "firefox")  
  
## End(Not run)
```

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