Package ‘rcitoid’

February 12, 2019

Type Package

Title Client for 'Citoid'

Description Client for 'Citoid' (<https://www.mediawiki.org/wiki/Citoid>), an API for getting citations for various scholarly work identifiers found on 'Wikipedia'.

Version 0.1.0

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URL https://github.com/ropenscilabs/rcitoid

BugReports https://github.com/ropenscilabs/rcitoid/issues

Encoding UTF-8

Imports curl, crul (>= 0.7.0), fauxpas, jsonlite

Suggests testthat

RoxygenNote 6.1.1

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X-schema.org-isPartOf https://ropensci.org

NeedsCompilation no

Author Scott Chamberlain [aut, cre] (<https://orcid.org/0000-0003-1444-9135>)

Maintainer Scott Chamberlain <sckott@protonmail.com>

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R topics documented:

rcitoid-package *Client for Citoid (https://www.mediawiki.org/wiki/Citoid)*

Description

Client for Citoid (https://www.mediawiki.org/wiki/Citoid)

Author(s)

Scott Chamberlain <sckott@protonmail.com>

cit_oid *Get Citoid data*

Description

Get Citoid data

Usage

```
cit_oid(id, format = "mediawiki", accept_language = NULL, ...)

cit_oid_(id, format = "mediawiki", accept_language = NULL, ...)
```

Arguments

id	(character) id of an article, DOI, ISBN, PMCID or PMID
format	(character) the format to use for the resulting citation data. one of mediawiki (default), zotero, mediawiki-basefields, bibtex
accept_language	(character) for some articles the result depends on the accept language value, so provide it if localized content is required
...	curl options passed on to crul::verb-GET

Details

`cit_oid_()` gets raw text (either bibtex or JSON), and `cit_oid()` parses the text as appropriate for the type

Value

list of lists or character, see http://opencitations.net/index/coci/api/v1 for explanation of the resulting columns

References

https://en.wikipedia.org/api/rest_v1/#!/Citation/getCitation, https://www.mediawiki.org/wiki/Citoid

Examples

```
url<-"https://en.wikipedia.org/api/rest_v1/data/citation/mediawiki/30446726"
if (crul::ok(url)) {
  pmid1 <- 30446726
  cit_oid(pmid1)
}

## Not run:
doi1 <- "10.1108/jd-12-2013-0166"
doi2 <- "10.1371/journal.pone.0058568"
pmid1 <- 30446726
pmcid1 <- "PMC4679344"
isbn1 <- 1439895619

# different formats
cit_oid(doi1)
cit_oid(pmid1, format = "mediawiki")
cit_oid(pmid1, format = "zotero")
cit_oid(pmid1, format = "mediawiki-basefields")
cat(cit_oid(pmid1, format = "bibtex")[[1]])

# PMID example
cit_oid(pmid1, verbose = TRUE)

# ISBN example
cit_oid(isbn1, verbose = TRUE)

# PMCID example
cit_oid(pmcid1)

# set the accept language
x <- cit_oid(pmid1, accept_language = "fr-FR", verbose = TRUE)
x <- cit_oid(doi2, accept_language = "de-DE", verbose = TRUE)

# just get raw text/json
cit_oid_(pmcid1)

# many ids at once
cit_oid(id = c(pmid1, pmcid1, isbn1))
cit_oid_(id = c(pmid1, pmcid1, isbn1))
cit_oid_(id = c(pmid1, pmcid1, isbn1), format = "bibtex")

## End(Not run)
```

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