Package ‘jaod’

September 4, 2019

Type Package

Title Directory of Open Access Journals Client

Description Client for the Directory of Open Access Journals ('DOAJ')

<https://doaj.org/). API documentation at

<https://doaj.org/api/v1/docs>. Methods included for working with

all 'DOAJ' API routes: fetch article information by identifier,

search for articles, fetch journal information by identifier,

and search for journals.

Version 0.2.0

License MIT + file LICENSE

URL https://github.com/ropensci/jaod

BugReports https://github.com/ropensci/jaod/issues

LazyData true

Encoding UTF-8

Language en-US

Imports jsonlite (>= 1.5), crul (>= 0.3.8), tibble (>= 1.3.4)

Suggests roxygen2 (>= 6.1.0), testthat, knitr, rmarkdown, vcr

RoxygenNote 6.1.1

VignetteBuilder knitr

X-schema.org-applicationCategory Literature

X-schema.org-keywords text-ming, literature, pdf, xml, publications,

citations, full-text, metadata

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

NeedsCompilation no

Author Scott Chamberlain [aut, cre]

<https://orcid.org/0000-0003-1444-9135>

Maintainer Scott Chamberlain <myrmecocystus+r@gmail.com>

Repository CRAN

Date/Publication 2019-09-04 18:20:02 UTC
R topics documented:

jaod-package ................................................................. 2
jaod_article ................................................................. 3
jaod_article_search ......................................................... 4
jaod_journal ................................................................. 5
jaod_journal_search ......................................................... 6

Index 8

jaod-package    jaod

Description


DOAJ Information

DOAJ is a (quoting) "community-curated list of open access journals and aims to be the starting point for all information searches for quality, peer reviewed open access material."

DOAJ API documentation can be found at https://doaj.org/api/v1/docs.

DOAJ API FAQ: https://doaj.org/faq#apikey

Package API

- jaod_article() - Get an article by ID
- jaod_article_search() - Search for articles
- jaod_journal() - Get a journal by ID
- jaod_journal_search() - Search for journals

Author(s)

Scott Chamberlain <myrmecocystus+r@gmail.com>
jaod_article

Get an article by ID

Description

Get an article by ID

Usage

jaod_article(id, ...)

Arguments

id (character) a DOAJ article ID, a UUID. Note, this is not a DOI, but you can use jaod_article_search() to search by ISSN to get DOAJ article ids

... curl options passed on to verb-GET, see ?curl::curl_options for help on curl options

Value

a named list, with slots admin, last_updated, id, created_date, and bibjson

Examples

## Not run:
out <- jaod_article(id = "0005e11ec616453f854070069385e057")
out$admin
out$last_updated
out$id
out$created_date
out$bibjson

ids <- c("73f781ad57094b98a0b46d8903f0c22",  
"0005e11ec616453f854070069385e057")
out <- lapply(ids, jaod_article)
out[[1]]

## End(Not run)
jaod_article_search  Search for articles

Description
Search for articles

Usage
jaod_article_search(query, page = 1, pageSize = 10, sort = NULL, ...)

Arguments
query (character) query terms. See Details.
page (integer) Which page of the results you wish to see. Default: 1
pageSize (integer) How many results per page you wish to see. Default: 10
sort (character) one of asc or desc, or sort by a specific field, either asc or desc, see examples. If asc or desc not given, asc is used
...
curl options passed on to verb-GET, see ?curl::curl_options for help on curl options

Value
a list with metadata (timestamp, page, pageSize, query, total (number of results), next and last (next page and last page), and results (a tibble (data.frame)))

query
You can search inside any field you see in the results or the schema. See https://doaj.org/api/v1/docs#specific_field_search for more details. For example, to search for all articles with abstracts containing the word "shadow", you would do bibjson.abstract:"shadow".

Short-hand names are available for some fields. See https://doaj.org/api/v1/docs#short_field_names for more details. For example: doi:10.3389/fpsyg.2013.00479, issn:1874-9496, license:CC-BY, and title:hydrostatic pressure

Examples
## Not run:
out <- jaod_article_search(query = "license:CC-BY")
out
out$results

## get DOIs or other article IDs
names(out$results$bibjson.identifier) <- out$results$id
do.call(rbind, out$results$bibjson.identifier)

# more ets
jaod_article_search(query = "issn:1544-9173")
jaod_article_search(query = "publisher:dove")

# sorting
res <- jaod_article_search(query="Pinus contorta", sort="year:desc",
page = 50)
res$results$bibjson.year
jaod_article_search(query="green", sort="bibjson.year:desc")

## End(Not run)

---

jaod_journal

Get a journal by ID

Description
Get a journal by ID

Usage
jaod_journal(id, ...)

Arguments
id (character) a DOAJ journal ID, a UUID. Note, this is not an ISSN, but you can
use jaod_journal_search() to search by ISSN to get the DOAJ id
...
curl options passed on to verb(GET), see ?curl::curl_options for help on curl options

Value
a named list, with slots admin, last_updated, id, created_date, and bibjson

Examples
## Not run:
out <- jaod_journal(id = "f3f2e7f23d444370ae5f5199f85bc100")
out$admin
out$last_updated
out$id
out$created_date
out$bibjson

ids <- c("f3f2e7f23d444370ae5f5199f85bc100",
"9abfb36b06404e8a8566e1a44180bbdc")
out <- lapply(ids, jaod_journal)
out[[1]]

## End(Not run)
Description

Search for journals

Usage

jaod_journal_search(query, page = 1, pageSize = 10, sort = NULL, ...)

Arguments

query (character) query terms. See Details.
page (integer) Which page of the results you wish to see. Default: 1
pageSize (integer) How many results per page you wish to see. Default: 10
sort (character) one of asc or desc, or sort by a specific field, either asc or desc, see examples. If asc or desc not given, asc is used
...
curl options passed on to verb-GET, see ?curl::curl_options for help on curl options

Value

a list with metadata (timestamp, page, pageSize, query, total (number of results), next and last (next page and last page), and results (a tibble (data.frame)))

query

You can search inside any field you see in the results or the schema. See https://doaj.org/api/v1/docs#specific_field_search for more details. For example, to search for all articles with abstracts containing the word "shadow", you would do bibjson.abstract: "shadow".

Short-hand names are available for some fields. See https://doaj.org/api/v1/docs#short_field_names for more details. For example: doi:10.3389/fpsyg.2013.00479, issn:1874-9496, license:CC-BY, and title:hydrostatic pressure

Examples

## Not run:
out <- jaod_journal_search(query = "bibjson.keywords:heritage")
out
out$results

jaod_journal_search(query = "issn:1544-9173")
jaod_journal_search(query = "publisher:dove")

# sorting
out <- jaod_journal_search(query = "bibjson.keywords:heritage",
jaod_journal_search

    sort = "bibjson.oa_start.year:desc")
out$results$bibjson.oa_start.year

## End(Not run)
Index

*Topic package
  jaod-package, 2

jaod (jaod-package), 2
jaod-package, 2
jaod_article, 3
jaod_article(), 2
jaod_article_search, 4
jaod_article_search(), 2, 3
jaod_journal, 5
jaod_journal(), 2
jaod_journal_search, 6
jaod_journal_search(), 2, 5