

Package ‘jaod’

September 1, 2017

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 0.1.0

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URL <https://github.com/ropenscilabs/jaod>

BugReports <https://github.com/ropenscilabs/jaod/issues>

LazyData true

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

Suggests roxygen2 (>= 6.0.1), testthat

RoxygenNote 6.0.1

NeedsCompilation no

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jaod-package	<i>jaod</i>
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Description

Client for the Directory of Open Access Journals (DOAJ) <https://doaj.org/>.

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>.

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)

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jaod_article	<i>Get an article by ID</i>
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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 HttpClient , see <code>?curl::curl_options</code> 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("73f781ad57094b98a0b46d8903fdc2c2",
        "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 HttpClient , see <code>?curl::curl_options</code> 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 egs
jaod_article_search(query = "issn:1544-9173")
jaod_article_search(query = "publisher:dove")

# sorting
res <- jaod_article_search(query="Pinus contorta", sort="year:desc",
  pageSize = 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

<code>id</code>	(character) a DOAJ journal ID, a UUID. Note, this is not an ISSN, but you can use <code>jaod_journal_search()</code> to search by ISSN to get the DOAJ id
<code>...</code>	curl options passed on to <code>HttpClient</code> , see <code>?curl::curl_options</code> 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)
```

jaod_journal_search *Search for journals*

Description

Search for journals

Usage

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

Arguments

<code>query</code>	(character) query terms. See Details.
<code>page</code>	(integer) Which page of the results you wish to see. Default: 1
<code>pageSize</code>	(integer) How many results per page you wish to see. Default: 10
<code>sort</code>	(character) one of <code>asc</code> or <code>desc</code> , or sort by a specific field, either <code>asc</code> or <code>desc</code> , see examples. If <code>asc</code> or <code>desc</code> not given, <code>asc</code> is used
<code>...</code>	<code>curl</code> options passed on to HttpClient , see <code>?curl::curl_options</code> for help on <code>curl</code> 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",
  sort = "bibjson.oa_start.year:desc")
out$results$bibjson.oa_start.year

## End(Not run)
```

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