Package ‘repec’

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Type Package
Title Access RePEc Data Through API
Version 0.1.0
Description Utilities for accessing RePEc (Research Papers in Economics) through a RESTful API. You can request a code and get detailed information at the following page: <https://ideas.repec.org/api.html>.
License MIT + file LICENSE
URL https://github.com/chrMongeau/repec
BugReports https://github.com/chrMongeau/repec/issues
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repec-package

repec: access RePEc data through API

Description

repec provides a way to interact with the RePEc API (Application Programming Interface) in order to get various information stored on RePEc about authors, items, institutions, etc.

Details

By using the functions of this package, you will be able to import RePEc information in R. You will need to ask for an access code by following the instructions at https://ideas.repec.org/api.html. The code will be needed when calling most of the functions by using the code parameter. One way to avoid passing explicitly the code is to create the REPEC_API_KEY environment variable. The code below can be put in your .RProfile so that it is always available when you start R:

```r
# YOURCODE is your personal access code
Sys.setenv(REPEC_API_KEY = "YOURCODE")
```

Author(s)

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See Also

Useful links:

- [https://github.com/chrMongeau/repec](https://github.com/chrMongeau/repec)
- Report bugs at [https://github.com/chrMongeau/repec/issues](https://github.com/chrMongeau/repec/issues)
areyouthere

Verifies whether the server is alive

Description
Verifies whether the server is alive

Usage
areyouthere()
are_you_there()

Value
TRUE if the server is alive, FALSE otherwise.

Examples
## Not run:
areyouthere()
## End(Not run)

getauthornep
Get the NEP fields for the papers of an author

Description
Get the NEP fields for the papers of an author

Usage
getauthornep(id, code = NA)
get_author_nep(id, code = NA)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>id</td>
<td>Short-ID.</td>
</tr>
<tr>
<td>code</td>
<td>User code required to use API. Included in every API call. If not supplied, the REPEC_API_KEY environment variable will be used.</td>
</tr>
</tbody>
</table>

Value
data.frame
getauthorrecordfull

**Examples**

```r
## Not run:
getauthorrep('pmo915', code = YOURCODE)

## End(Not run)
```

getauthorrecordfull  *Provides info about author, mostly in the form of handles*

**Description**

Provides info about author, mostly in the form of handles

**Usage**

```r
getauthorrecordfull(id, code = NA)
get_author_record_full(id, code = NA)
```

**Arguments**

- **id**
  - Short-ID.

- **code**
  - User code required to use API. Included in every API call. If not supplied, the REPEC_API_KEY environment variable will be used.

**Value**

- data.frame

**Examples**

```r
## Not run:
getauthorrecordfull('pmo915', code = YOURCODE)

## End(Not run)
```
getauthorrecordraw

Provides extended info about author

Description

Provides extended info about author

Usage

getauthorrecordraw(id, code = NA)

get_author_record_raw(id, code = NA)

Arguments

id
   Short-ID.

code
   User code required to use API. Included in every API call. If not supplied, the
   REPEC_API_KEY environment variable will be used.

Value

data.frame. Note: columns article and paper are data.frames.

Examples

## Not run:
getauthorrecordraw('pmo915', code = YOURCODE)

## End(Not run)

getauthorsforitem

Get Authors for an item

Description

Get Authors for an item

Usage

getauthorsforitem(id, code = NA)

get_authors_for_item(id, code = NA)
Arguments

- id: RePEc handle for an item.
- code: User code required to use API. Included in every API call. If not supplied, the REPEC_API_KEY environment variable will be used.

Value

data.frame.

Examples

```r
## Not run:
## End(Not run)
```

getauthorshortid  Get Short-ID and name from string in name or email

Description

Get Short-ID and name from string in name or email

Usage

getauthorshortid(x, code = NA)

get_author_short_id(x, code = NA)

Arguments

- x: string.
- code: User code required to use API. Included in every API call. If not supplied, the REPEC_API_KEY environment variable will be used.

Value

data.frame

Examples

```r
## Not run:
getauthorshortid('christian', code = YOURCODE)
## End(Not run)
```
getauthorstats

Provides Author’s statistics

Description

Provides Author’s statistics

Usage

getauthorstats(id, code = NA)

get_author_stats(id, code = NA)

Arguments

id
Short-ID.

code
User code required to use API. Included in every API call. If not supplied, the REPEC_API_KEY environment variable will be used.

Value

Author’s statistics.

Examples

## Not run:
getauthorstats('pmo915', code = YOURCODE)

## End(Not run)

getauthortwitter

Provides Twitter handle

Description

Provides Twitter handle

Usage

getauthortwitter(id, code = NA)

get_author_twitter(id, code = NA)
getfirstpubyear

Arguments

id  Short-ID.
code  User code required to use API. Included in every API call. If not supplied, the REPEC_API_KEY environment variable will be used.

Value

String with the Twitter author linked to the Short-ID.

Examples

```r
## Not run:
getauthor_twitter('pmo915', code = YOURCODE)
## End(Not run)
```

---

getfirstpubyear  Provides Author’s first publication year

Description

Provides Author’s first publication year

Usage

getfirstpubyear(id, code = NA)

get_first_pub_year(id, code = NA)

Arguments

id  Short-ID.
code  User code required to use API. Included in every API call. If not supplied, the REPEC_API_KEY environment variable will be used.

Value

Author’s first publication year.

Examples

```r
## Not run:
getfirstpubyear('pmo915', code = YOURCODE)
## End(Not run)
```
**getgenealogy**

*Provides Author’s genealogy*

**Description**

Provides Author’s genealogy

**Usage**

```
getgenealogy(id, code = NA)
```

```
get_genealogy(id, code = NA)
```

**Arguments**

- **id**: Short-ID.
- **code**: User code required to use API. Included in every API call. If not supplied, the REPEC_API_KEY environment variable will be used.

**Value**

Author’s genealogy.

**Examples**

```r
## Not run:
georgean ancestry('pmo915', code = YOURCODE)
## End(Not run)
```

---

**gethindex**

*Provides H-index*

**Description**

Provides H-index

**Usage**

```
gegethindex(id, code = NA)
```

```
get_h_index(id, code = NA)
```
getinstrecord

Description
Get record of Institution

Usage
getinstrecord(id, code = NA)

get_inst_record(id, code = NA)

Arguments
id: RePEc handle for an institution

code: User code required to use API. Included in every API call. If not supplied, the REPEC_API_KEY environment variable will be used.

Value
data.frame.

Examples
## Not run:
getinstrecord('RePEc:edi:dechiit', code = YOURCODE)

## End(Not run)
getjelforitem  Get JEL codes for item

Description
Get JEL codes for item

Usage
getjelforitem(id, code = NA)
get_jel_foritem(id, code = NA)

Arguments
- id: RePEc handle for an item.
- code: User code required to use API. Included in every API call. If not supplied, the REPEC_API_KEY environment variable will be used.

Value
Vector with JEL codes.

Examples
## Not run:
## End(Not run)

repec_api_with_id  Generic API call, with an ID

Description
Generic API call, with an ID

Usage
repec_api_with_id(id = NA, method = NA, code = NA)
testip

Description

Verifies whether the connection is performed from the registered IP

Usage

testip(code = NA)

test_ip(code = NA)

Arguments

code User code required to use API. Included in every API call. If not supplied, the REPEC_API_KEY environment variable will be used.

Value

TRUE if the connection is from a registered IP, FALSE otherwise.

Examples

## Not run:
testip(YOURCODE)

## End(Not run)
whatismyip

whatismyip  

**Returns the IP address you use to call the API**

---

**Description**

Returns the IP address you use to call the API

**Usage**

```r
whatismyip()

what_is_myip()
```

**Value**

String with IP.

**Examples**

```r
## Not run:
whatismyip()

## End(Not run)
```
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