

# 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>

**Imports** jsonlite, utils

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 6.1.0

**NeedsCompilation** no

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repec-package	<i>repec: access RePEc data through API</i>
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## 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:

```
# 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>
- Report bugs at <https://github.com/chrMongeau/repec/issues>

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areyouthere	<i>Verifies whether the server is alive</i>
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**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)
```

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getauthornep	<i>Get the NEP fields for the papers of an author</i>
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**Description**

Get the NEP fields for the papers of an author

**Usage**

```
getauthornep(id, code = NA)  
  
get_author_nep(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**

```
## Not run:  
getauthornep('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**

```
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**

```
## 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**

```
## Not run:
getauthorsforitem('RePEc:eee:enepol:v:78:y:2015:i:c:p:41-50', code = YOURCODE)

## 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**

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

## End(Not run)
```

---

getauthorstats	<i>Provides Author's statistics</i>
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---

**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	<i>Provides Twitter handle</i>
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---

**Description**

Provides Twitter handle

**Usage**

```
getauthortwitter(id, code = NA)
get_author_twitter(id, code = NA)
```

**Arguments**

<code>id</code>	Short-ID.
<code>code</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**

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

---

<code>getfirstpubyear</code>	<i>Provides Author's first publication year</i>
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---

**Description**

Provides Author's first publication year

**Usage**

```
getfirstpubyear(id, code = NA)  
  
get_first_pub_year(id, code = NA)
```

**Arguments**

<code>id</code>	Short-ID.
<code>code</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**

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

---

getgenealogy	<i>Provides Author's genealogy</i>
--------------	------------------------------------

---

**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**

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

```
## End(Not run)
```

---

gethindex	<i>Provides H-index</i>
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**Description**

Provides H-index

**Usage**

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

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

**Arguments**

<code>id</code>	Short-ID.
<code>code</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**

H-index.

**Examples**

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

## End(Not run)
```

---

<code>getinstrecord</code>	<i>Get record of Institution</i>
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---

**Description**

Get record of Institution

**Usage**

```
getinstrecord(id, code = NA)

get_inst_record(id, code = NA)
```

**Arguments**

<code>id</code>	RePEc handle for an institution
<code>code</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	<i>Get JEL codes for item</i>
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---

**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:  
getjelforitem('RePEc:eee:enepol:v:78:y:2015:i:c:p:41-50', code = YOURCODE)  
  
## End(Not run)
```

---

repec_api_with_id	<i>Generic API call, with an ID</i>
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**Description**

Generic API call, with an ID

**Usage**

```
repec_api_with_id(id = NA, method = NA, code = NA)
```

**Arguments**

id	Short-ID.
method	API method to call.
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**

```
## Not run:
repec_api_with_id(id = 'pmo915',
  method = 'getauthortwitter', code = YOURCODE)

## End(Not run)
```

---

testip	<i>Verifies whether the connection is performed from the registered IP</i>
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---

**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	<i>Returns the IP address you use to call the API</i>
------------	---

---

**Description**

Returns the IP address you use to call the API

**Usage**

whatismyip()

what\_is\_myip()

**Value**

String with IP.

**Examples**

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

```
## End(Not run)
```

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