Package ‘racademyocean’

July 26, 2024

Title  Client for 'AcademyOcean API'
Version  0.3.3
Description  Provide function for work with 'AcademyOcean API'
            <https://academyocean.com/api>.
License  MIT + file LICENSE
Encoding  UTF-8
RoxygenNote  7.2.1
Imports  cli, dplyr, httr2, pbapply, purrr, rappdirs, retry, rlang,
         stringr, tidyr, utils, withr
NeedsCompilation  no
Author  Alexey Seleznev [aut, cre] (<https://orcid.org/0000-0003-0410-7385>),
        Netpeak [cph],
        AcademyOcean [cph]
Maintainer  Alexey Seleznev <selesnow@gmail.com>
Repository  CRAN
Date/Publication  2024-07-26 09:00:02 UTC

Contents

racademyocean-package .................................................. 2
ao_auth ................................................................. 2
ao_get_academies ...................................................... 3
ao_get_certificates ................................................... 3
ao_get_course_progress ............................................... 4
ao_get_leaners ........................................................ 4
ao_get_leaners_amount_from_countries ................................ 5
ao_get_leaners_from_country ......................................... 5
ao_get_leaners_progress_by_course .................................. 6
ao_get_leaners_registered_at ....................................... 6
ao_get_leaners_with_score .......................................... 7
ao_get_leaners_churn_at_content ................................... 8
ao_get_leaners_course_complete .................................... 8
Description

Provide function for work with 'AcademyOcean API' https://academyocean.com/api.

Author(s)

Maintainer: Alexey Seleznev <selesnow@gmail.com> (ORCID)

Other contributors:

- Netpeak [copyright holder]
- AcademyOcean [copyright holder]

Description

Authorization in 'AcademyOcean'

Usage

```r
ao_auth(
  client_id = ao_get_client_id(),
  client_secret = ao_get_client_secret(),
  token_path = oa_get_token_path()
)
```

Arguments

- `client_id`: ID of your App
- `client_secret`: Secret of your app
- `token_path`: Your directory for credential storage
**ao_get_academies**

**Value**

Auth object

**See Also**

See Documentation

---

**Description**

Get the list of all academies. It returns the list of all academies in account with a description of them.

**Usage**

```r
ao_get_academies()
```

**Value**

tibble with academies

---

**ao_get_certificates**

This returns certificates received by learners

**Description**

This returns certificates received by learners

**Usage**

```r
ao_get_certificates(emails, cl = NULL)
```

**Arguments**

- `emails`: Search for a user by email
- `cl`: A cluster object created by `makeCluster`, or an integer to indicate number of child-processes (integer values are ignored on Windows) for parallel evaluations (see Details on performance).

**Value**

tibble with certificates
ao_get_course_progress

This returns a learner’s progress in all active courses/groups.

Description

This returns a learner’s progress in all active courses/groups.

Usage

ao_get_course_progress(emails, cl = NULL)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>emails</td>
<td>Search for a user by emails</td>
</tr>
<tr>
<td>cl</td>
<td>A cluster object created by makeCluster, or an integer to indicate number of child-processes (integer values are ignored on Windows) for parallel evaluations (see Details on performance).</td>
</tr>
</tbody>
</table>

Value

tibble with course progress

ao_get_leaners

This returns an array of learners from the Academy, or an empty array, if there is no data.

Description

This returns an array of learners from the Academy, or an empty array, if there is no data.

Usage

ao_get_leaners()

Value

tibble with leaners
ao_get_leaners_amount_from_countries

This returns a breakdown of learners by country.

**Description**

This returns a breakdown of learners by country.

**Usage**

```r
ao_get_leaners_amount_from_countries(country_iso_code = NULL)
```

**Arguments**

- `country_iso_code`
  - Country iso code

**Value**

tibble with leaners geo

**Examples**

```r
## Not run:
leaners_stat <- ao_get_leaners_amount_from_countries(
  country_iso_code = "UA"
)
## End(Not run)
```

---

ao_get_leaners_from_country

This returns a list of learners from the chosen country

**Description**

This returns a list of learners from the chosen country

**Usage**

```r
ao_get_leaners_from_country(country_iso_code)
```

**Arguments**

- `country_iso_code`
  - Country iso code
Value
tibble with leaners

Examples

```r
## Not run:
ua_leaners <- ao_get_leaners_from_country("UA")

## End(Not run)
```

---

**ao_get_leaners_progress_by_course**

This returns a learner’s progress in specified courses

Description

This returns a learner’s progress in specified courses

Usage

```r
ao_get_leaners_progress_by_course(course_id, course_slug, cl = NULL)
```

Arguments

- **course_id**: Course ID, you can get from course settings, from field “API, Course ID”
- **course_slug**: Course slug, you can get from course settings, from field ‘course URL’
- **cl**: A cluster object created by `makeCluster`, or an integer to indicate number of child-processes (integer values are ignored on Windows) for parallel evaluations (see Details on performance).

Value

When the request is executed, an array of learner’s information is returned

---

**ao_get_leaners_registered_at**

This returns an array of learners from the Academy, or an empty array, if there is no data.

Description

This returns an array of learners from the Academy, or an empty array, if there is no data.
Usage

```r
ao_get_leaners_registered_at(
  date = Sys.Date() - 1,
  operator = c("="", ">", "<=",">", ">="", "<="","<>")
)
```

Arguments

- **date**: Date string for filter
- **operator**: One of the following comparison operators ‘=’, ‘>’, ‘<’, ‘>=’, ‘<=’, ‘<>’

Value

tibble with leaners

Description

This returns a list of learners filtered by their score

Usage

```r
ao_get_leaners_with_score(
  score = 1,
  operator = c("="", ">", "<=",">", ">="", "<="","<>")
)
```

Arguments

- **score**: Filter score the ratio of completed content to available content, across all courses/groups
- **operator**: One of the following comparison operators ‘=’, ‘>’, ‘<’, ‘>=’, ‘<=’, ‘<>’

Value

tibble with leaners

Examples

```r
## Not run:
leaners <- ao_get_leaners_with_score(
  score = 20,
  operator = ">")
## End(Not run)
```
ao_get_learners_course_complete

This returns a list of learners who have completed a given course.

Description

This returns a list of learners who have completed a given course.

Usage

ao_get_learners_course_complete(course_id = "GlnLgyVkeqaXkm09Q7Y4")

Arguments

course_id Course id, you can get it from edit course, from field ‘course URL’

ao_get_learners_churn_at_content

This returns an array of learners who churned at a specific lesson in the course.

Description

This returns an array of learners who churned at a specific lesson in the course.

Usage

ao_get_learners_churn_at_content(course_id, content_id)

Arguments

course_id Course id, you can get it from edit course, from field ‘course URL’
content_id content id, you can get it from edit content, from field ‘lesson/quiz URL’

Value

tibble with leaners

Examples

## Not run:
churn <- ao_get_learners_churn_at_content(
    course_id = 'ppc-spetsialist-free',
    content_id = 'itogovyy-test'
)

## End(Not run)
ao_get_learners_quiz_statistic

Value

tibble with leaners

Examples

## Not run:
  leaners <- ao_get_learners_course_complete(
    'ppc-spetsialist-free'
  )
## End(Not run)

ao_get_learners_quiz_statistic

  Returns statistics about the specified quiz for the specified learner(s).

Description

  Returns statistics about the specified quiz for the specified learner(s).

Usage

  ao_get_learners_quiz_statistic(email, content_id)

Arguments

  email
    Search for a users by emails
  content_id
    ID of the quiz you want to see statistics for

Value

  tibble with quize stat

Examples

## Not run:
  quize_stat <- ao_get_learners_quiz_statistic(
    email = 'mike.p@gmail.com',
    content_id = 'R9eYq5oE6wLoY3NAPmwX'
  )
## End(Not run)
ao_get_learners_repeated_logins

This returns an array of learners who logged in to the Academy more than one time.

Description

This returns an array of learners who logged in to the Academy more than one time.

Usage

ao_get_learners_repeated_logins()

Value

tibble with leaners

ao_get_passive_leaners

This returns a list of learners who registered in an Academy but took no further actions (no lessons opened)

Description

This returns a list of learners who registered in an Academy but took no further actions (no lessons opened)

Usage

ao_get_passive_leaners()

Value

tibble with leaners
ao_get_passive_learners

This returns a list of learners who registered in an Academy but took no further actions (no lessons opened)

Description
This returns a list of learners who registered in an Academy but took no further actions (no lessons opened)

Usage
ao_get_passive_learners()

Value
tibble with passive learners

Examples
## Not run:
passive <- ao_get_passive_learners()

## End(Not run)

ao_get_teams

Returns a list of all teams in the academy.

Description
Returns a list of all teams in the academy.

Usage
ao_get_teams()

Value
tibble with teams
print.academyocean_token

Print method for academyocean_token

Description

Print method for academyocean_token

Usage

```r
## S3 method for class 'academyocean_token'
print(x, ..., show_token = FALSE)
```

Arguments

- `x`  
  Auth object
- `...`  
  Using in default print()
- `show_token`  
  Hide or show access token in console

Value

Using only for output token in console
Index

ao_auth, 2
ao_get_academies, 3
ao_get_certificates, 3
ao_get_course_progress, 4
ao_get_leaners, 4
ao_get_leaners_amount_from_countries, 5
ao_get_leaners_from_country, 5
ao_get_leaners_progress_by_course, 6
ao_get_leaners_registered_at, 6
ao_get_leaners_with_score, 7
ao_get_learners_churn_at_content, 8
ao_get_learners_course_complete, 8
ao_get_learners_quiz_statistic, 9
ao_get_learners_repeated_logins, 10
ao_get_passive_leaners, 10
ao_get_passive_learners, 11
ao_get_teams, 11
makeCluster, 3, 4, 6
print.academyocean_token, 12
racademyocean(racademyocean-package), 2
racademyocean-package, 2