Package 'glassdoor'

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Type Package

Title Interface to 'Glassdoor' API

Version 0.9.0

Description Interacts with the 'Glassdoor' API <https://www.glassdoor.com/developer/index.htm>. Allows the user to search job statistics, employer statistics, and job progression, where 'Glassdoor' provides a breakdown of other jobs a person did after their current one.

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BugReports https://github.com/muschellij2/glassdoor/issues

Imports httr

Suggests covr, knitr, rmarkdown, testthat

VignetteBuilder knitr

Encoding UTF-8

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NeedsCompilation no

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Repository CRAN

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Contents

`gd_api` *General Glassdoor API function*

Description

General Glassdoor API function

Usage

```
gd_api(
  query = NULL,
  action = NULL,
  agent = gd_user_agent(),
  version = 1,
  format = "json",
  url = gd_url(),
  pid = gd_pid(),
  pat = gd_pat(),
  ip_address = NULL,
  add_query = NULL,
  ...
)
```

Arguments

`query`	Additional options to pass to the query other than those specified here
`action`	The particular API call that you would like to make
`agent`	The User-Agent (browser) of the end user to whom the API results will be shown. Note that you can can obtain this from the "User-Agent" HTTP request header from the end-user
`version`	The API version. The current version is 1 except for jobs, which is currently version 1.1
`format`	Either `xml` or `json` as you prefer
`url`	Glassdoor RESTful API URL
`pid`	Your partner id, as assigned by Glassdoor
`pat`	Your partner key, as assigned by Glassdoor
`ip_address`	The IP address of the end user to whom the API results will be shown
`add_query`	Additional options to pass to the query other than those specified here (named list)
`...`	Additional options to send to `GET`

Value

A list of class gd_api

Examples

```
if (have_gd_pid() && have_gd_pat()) {
res = gd_api(
action = "employers",
other = NULL,
  version = 1,
format = "json",
query =  "pharmaceuticals")

res = gd_api(
action = "employers",
other = NULL,
 version = 1,
format = "json",
query = "pharmaceuticals", config = list())
}
```

---

gd_company *Glassdoor Company Search*

Description

Glassdoor Company Search

Usage

```
gd_company(
  query = NULL,
  ...,
  location = NULL,
  city = NULL,
  state = NULL,
  country = NULL,
  page_number = NULL,
  page_size = NULL
)

gd_employer(
  query = NULL,
  ...,
  location = NULL,
  city = NULL,
  state = NULL,
  country = NULL,
```

```
  page_number = NULL,
  page_size = NULL
)

gd_company_df(...)

gd_employer_df(...)
```

Arguments

query	Additional options to pass to the query other than those specified here
...	arguments to pass to gd_api
location	Scope the search to a specific location by specifying it here - city, state, or country.
city	Scope the search to a specific city by specifying it here.
state	Scope the search to a specific state by specifying it here.
country	Scope the search to a specific country by specifying it here.
page_number	Page number to retrieve. Default is 1.
page_size	Page size, i.e. the number of jobs returned on each page of results. Default is 20.

Examples

```
if (have_gd_tokens()) {

res = gd_company_df("walmart")
head(res[, c("id", "name")])
res = gd_company_df("Target")
res = gd_company("Dropbox")
}
```

---

gd_job_stats *Glassdoor Job Stats*

Description

Glassdoor Job Stats

Usage

```
gd_job_stats(
  ...,
  query = NULL,
  employer = NULL,
  location = NULL,
```

```
  city = NULL,
  state = NULL,
  country = NULL,
  fromAge = NULL,
  jobType = NULL,
  minRating = NULL,
  radius = NULL,
  job_title = NULL,
  job_category = NULL,
  returnCities = NULL,
  returnStates = NULL,
  returnJobTitles = NULL,
  returnEmployers = NULL,
  admLevelRequested = NULL
)
```

Arguments

`...`	arguments to pass to `gd_api`
`query`	Additional options to pass to the query other than those specified here
`employer`	Scope the search to a specific employer by specifying the name here.
`location`	Scope the search to a specific location by specifying it here - city, state, or country.
`city`	Scope the search to a specific city by specifying it here.
`state`	Scope the search to a specific state by specifying it here.
`country`	Scope the search to a specific country by specifying it here.
`fromAge`	Scope the search to jobs that are less than X days old (-1 = show all jobs (default), 1 = 1 day old, 7 = 1 week old, 14 = 2 weeks old, etc.)
`jobType`	Scope the search to certain job types. Valid values are all (default), `fulltime`, `parttime`, `internship`, `contract`, `internship`, `temporary`
`minRating`	Scope the search to jobs of companies with rating >= `minRating` (0 = returns all (default), 1 = more than 1 star, 2 = more than 2 stars, 3 = more than 3 stars, 4 = more than 4 stars)
`radius`	Scope the search to jobs within a certain radius, in miles, of the location specified.
`job_title`	Scope the search to a specific job title by specifying it here.
`job_category`	Job category id to scope the search to - see the Job Category table below - note you must pass the id. This can be a comma separated list of ids if you desire to select more than one category.
`returnCities`	Results will include geographical data (job counts) broken down by city.
`returnStates`	Results will include geographical data (job counts, score) broken down by the type of geographical district specified in parameter `admLevelRequested`.
`returnJobTitles`	Results will include job data broken down by job title.

`returnEmployers`
: Results will include job data broken down by employer.

`admLevelRequested`
: Geographic district type requested when `returnStates` is true (1 = states, 2 = counties)

Examples

```
if (have_gd_tokens()) {

paste0("returnStates=true&admLevelRequested=1")
res = gd_job_stats(returnStates = TRUE, admLevelRequested = 1)
}
```

`gd_pid` *Glassdoor Partner ID*

Description

Glassdoor Partner ID

Usage

```
gd_pid(token = NULL, error = TRUE)

gd_pat(token = NULL, error = TRUE)

have_gd_pid(token = NULL)

have_gd_pat(token = NULL)

have_gd_tokens()
```

Arguments

`token`	Partner ID or Authentication token
`error`	Should the function error if no token specified?

Value

A vector of class character

Examples

```
if (have_gd_pid()) {
gd_pid()
}
```

gd_review *Glassdoor Company Search*

Description

Glassdoor Company Search

Usage

```
gd_review(employer_id, ..., page_number = NULL, page_size = NULL, query = NULL)
```

Arguments

employer_id	Glassdoor ID for the company, can be accessed using gd_company
...	arguments to pass to gd_api
page_number	Page number to retrieve. Default is 1.
page_size	Page size, i.e. the number of jobs returned on each page of results. Default is 20.
query	Additional options to pass to the query other than those specified here

Examples

```
if (have_gd_tokens()) {
res = gd_review(employer_id = 715) # walmart
}
```

gd_url *Glassdoor URL*

Description

Glassdoor URL

Usage

```
gd_url()
```

Value

Object of class character

Examples

```
gd_url()
```

gd_user_agent *Glassdoor User Agent*

Description

Glassdoor User Agent

Usage

```
gd_user_agent()
```

Value

Character vector

Examples

```
gd_user_agent()
```

get_ip *Get IP Address*

Description

Get IP Address

Usage

```
get_ip(agent = gd_user_agent())
```

Arguments

agent	User Agent for Header

Value

Character Vector of IP

Note

Inspired by https://github.com/gregce/ipify/blob/master/R/ipify.R

Examples

```
get_ip()
```

`results` *Results of a Glassdoor object*

Description

Calculates the results from Glassdoor object

Usage

```
results(gd, ...)

## Default S3 method:
results(gd, ...)

## S3 method for class 'gd_api'
results(gd, ...)

## S3 method for class 'gd_job_prog'
results(gd, ...)
```

Arguments

`gd`	an object for which we want the results, the output from a Glassdoor call
`...`	Any additional arguments to be passed to `results`.

Value

A class of `gd_job_prog` will return a list of `progression_table` and `job_info`.

Examples

```
if (have_gd_tokens()) {
   gd = gd_company("walmart")
   res = results(gd)
}
```

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