

# Package ‘glassdoor’

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**Type** Package

**Title** Interface to 'Glassdoor' API

**Version** 0.7.6

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**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.

**License** GPL-2

**BugReports** <https://github.com/muschelli.j2/glassdoor/issues>

**Imports** httr, xml2

**Suggests** covr, knitr, rmarkdown, testthat

**VignetteBuilder** knitr

**Encoding** UTF-8

**LazyData** true

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**NeedsCompilation** no

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gd_api	<i>General Glassdoor API function</i>
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## Description

General Glassdoor API function

## Usage

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

## Arguments

action	The particular API call that you would like to make
other	Each API action will require different parameters For example, an employerId is passed in order to retrieve reviews.
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
q	Query parameter (not a list) for Glassdoor
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
query	Additional options to pass to the query other than those specified here
...	Additional options to send to <a href="#">GET</a>

## 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 = list(q = "pharmaceuticals"))

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

```

---

gd\_company

*Glassdoor Company Search*


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**Description**

Glassdoor Company Search

**Usage**

```

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

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

```

**Arguments**

...	arguments to pass to <a href="#">gd_api</a>
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.
query	Additional options to pass to the query other than those specified here

**Examples**

```

if (have_gd_tokens()) {

  paste0("action=employers")
  res = gd_company()
}

```

---

gd\_job\_prog

*Glassdoor Job Progression*


---

**Description**

Glassdoor Job Progression

**Usage**

```
gd_job_prog(..., jobTitle, countryId = 1, query = NULL)
```

**Arguments**

...	arguments to pass to <a href="#">gd_api</a>
jobTitle	Job Title - the job title to get related jobs for
countryId	Country Id - only 1 (US) is supported right now.
query	Additional options to pass to the query other than those specified here

**Examples**

```

if (have_gd_tokens()) {

  paste0("&countryId=1&jobTitle=cashier")
  res = gd_job_prog(jobTitle = "cashier", countryId = 1)
}

```

---

gd\_job\_stats

*Glassdoor Job Stats*


---

**Description**

Glassdoor Job Stats

**Usage**

```
gd_job_stats(..., 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, query = NULL)
```

**Arguments**

...	arguments to pass to <a href="#">gd_api</a>
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)
query	Additional options to pass to the query other than those specified here

**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()  
}
```

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gd_url	<i>Glassdoor URL</i>
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**Description**

Glassdoor URL

**Usage**

gd\_url()

**Value**

Object of class character

**Examples**

gd\_url()

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gd_user_agent	<i>Glassdoor User Agent</i>
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**Description**

Glassdoor User Agent

**Usage**

gd\_user\_agent()

**Value**

Character vector

**Examples**

gd\_user\_agent()

`get_ip`*Get IP Address*

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**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_job_prog(jobTitle = "cashier", countryId = 1)  
  res = results(gd)  
}
```

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