



# **Queries**

GitHub Docs

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The query type defines GraphQL operations that retrieve data from the server.

# **About queries** *∂*

Every GraphQL schema has a root type for both queries and mutations. The <u>query type</u> defines GraphQL operations that retrieve data from the server.

For more information, see "Forming calls with GraphQL."

**Note:** For GitHub App requests made with user access tokens, you should use separate queries for issues and pull requests. For example, use the <code>is:issue</code> or <code>is:pull-request</code> filters and their equivalents. Using the <code>search</code> connection to return a combination of issues and pull requests in a single query will result in an empty set of nodes.

### codeOfConduct @

Look up a code of conduct by its key.

**Type:** CodeOfConduct

#### Arguments for codeOfConduct

| Name                   | Description                |
|------------------------|----------------------------|
| key ( <u>String!</u> ) | The code of conduct's key. |

#### codesOfConduct @

Look up a code of conduct by its key.

**Type:** [CodeOfConduct]

## enterprise 🔗

Look up an enterprise by URL slug.

**Type:** Enterprise

#### **Arguments for enterprise**

| Name                                         | Description                      |
|----------------------------------------------|----------------------------------|
| <pre>invitationToken ( <u>String</u> )</pre> | The enterprise invitation token. |
| slug ( <u>String!</u> )                      | The enterprise URL slug.         |

#### license 🔗

Look up an open source license by its key.

Type: License

#### **Arguments for license**

| Name                                  | Description                      |
|---------------------------------------|----------------------------------|
| key ( <a href="String!">String!</a> ) | The license's downcased SPDX ID. |

#### licenses @

Return a list of known open source licenses.

Type: [License]!

#### meta 🔗

Return information about the GitHub instance.

**Type:** <u>GitHubMetadata!</u>

node 🔗

Fetches an object given its ID.

Type: Node

#### **Arguments for node**

| Name              | Description       |
|-------------------|-------------------|
| id ( <u>ID!</u> ) | ID of the object. |

#### nodes ∂

Lookup nodes by a list of IDs.

Type: [Node]!

#### **Arguments for nodes**

| Name           | Description           |
|----------------|-----------------------|
| ids ( [ID!]! ) | The list of node IDs. |

## organization &

Lookup a organization by login.

**Type:** Organization

## **Arguments for organization**

| Name                         | Description               |
|------------------------------|---------------------------|
| <pre>login ( String! )</pre> | The organization's login. |

## organizations $\mathscr{O}$

A list of organizations.

**Type:** OrganizationConnection!

## **Arguments for organizations**

| Name                     | Description                                                             |
|--------------------------|-------------------------------------------------------------------------|
| after (String)           | Returns the elements in the list that come after the specified cursor.  |
| before ( <u>String</u> ) | Returns the elements in the list that come before the specified cursor. |
| first ( <u>Int</u> )     | Returns the first <i>n</i> elements from the list.                      |
| last ( <u>Int</u> )      | Returns the last $n$ elements from the list.                            |
|                          |                                                                         |

#### rateLimit &

The client's rate limit information.

**Type:** RateLimit

#### **Arguments for rateLimit**

| Name                      | Description                                                                                   |
|---------------------------|-----------------------------------------------------------------------------------------------|
| dryRun ( <u>Boolean</u> ) | If true, calculate the cost for the query without evaluating it.  The default value is false. |

## relay 🔗

Workaround for re-exposing the root query object. (Refer to <a href="https://github.com/facebook/relay/issues/112">https://github.com/facebook/relay/issues/112</a> for more information.).

Type: Query!

## repository @

Lookup a given repository by the owner and repository name.

**Type:** Repository

#### **Arguments for repository**

| Name                             | Description                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| followRenames ( <u>Boolean</u> ) | Follow repository renames. If disabled, a repository referenced by its old name will return an error.  The default value is true. |
| name ( <u>String!</u> )          | The name of the repository.                                                                                                       |
| owner ( <u>String!</u> )         | The login field of a user or organization.                                                                                        |

## repositoryOwner @

Lookup a repository owner (ie. either a User or an Organization) by login.

Type: RepositoryOwner

## **Arguments for** repository0wner

| Name            | Description                          |
|-----------------|--------------------------------------|
| login (String!) | The username to lookup the owner by. |



Lookup resource by a URL.

**Type:** <u>UniformResourceLocatable</u>

#### **Arguments for resource**

| Name                | Description |
|---------------------|-------------|
| url ( <u>URI!</u> ) | The URL.    |

#### search 🔗

Perform a search across resources, returning a maximum of 1,000 results.

**Type:** <u>SearchResultItemConnection!</u>

#### **Arguments for search**

| Name                                    | Description                                                             |
|-----------------------------------------|-------------------------------------------------------------------------|
| after ( <u>String</u> )                 | Returns the elements in the list that come after the specified cursor.  |
| before (String)                         | Returns the elements in the list that come before the specified cursor. |
| first ( Int )                           | Returns the first <i>n</i> elements from the list.                      |
| last ( <u>Int</u> )                     | Returns the last $n$ elements from the list.                            |
| query ( <a href="String!">String!</a> ) | The search string to look for.                                          |
| <pre>type ( <u>SearchType!</u> )</pre>  | The types of search items to search within.                             |

## securityAdvisories 🔗

GitHub Security Advisories.

**Type:** <u>SecurityAdvisoryConnection!</u>

## **Arguments for** securityAdvisories

| Name                                                             | Description                                                             |
|------------------------------------------------------------------|-------------------------------------------------------------------------|
| after ( <u>String</u> )                                          | Returns the elements in the list that come after the specified cursor.  |
| before (String)                                                  | Returns the elements in the list that come before the specified cursor. |
| <pre>classifications ( [SecurityAdvisoryClassification!] )</pre> | A list of classifications to filter advisories by.                      |
| first ( <u>Int</u> )                                             | Returns the first <i>n</i> elements from the list.                      |
| last ( <u>Int</u> )                                              | Returns the last $n$ elements from the list.                            |
| <pre>publishedSince ( DateTime )</pre>                           | Filter advisories to those published since a time in the past.          |

updatedSince ( DateTime )

Filter advisories to those updated since a time in the past.

## securityAdvisory @

Fetch a Security Advisory by its GHSA ID.

**Type:** <u>SecurityAdvisory</u>

#### **Arguments for** securityAdvisory

| Name             | Description                  |
|------------------|------------------------------|
| ghsaId (String!) | GitHub Security Advisory ID. |

## securityVulnerabilities 🔗

Software Vulnerabilities documented by GitHub Security Advisories.

**Type:** <u>SecurityVulnerabilityConnection!</u>

## **Arguments for** securityVulnerabilities

| Name                                                             | Description                                                             |
|------------------------------------------------------------------|-------------------------------------------------------------------------|
| after ( <u>String</u> )                                          | Returns the elements in the list that come after the specified cursor.  |
| before (String)                                                  | Returns the elements in the list that come before the specified cursor. |
| <pre>classifications ( [SecurityAdvisoryClassification!] )</pre> | A list of advisory classifications to filter vulnerabilities by.        |
| ecosystem ( <u>SecurityAdvisoryEcosystem</u> )                   | An ecosystem to filter vulnerabilities by.                              |
| first ( <u>Int</u> )                                             | Returns the first <i>n</i> elements from the list.                      |
| last ( <u>Int</u> )                                              | Returns the last $n$ elements from the list.                            |
| package ( <u>String</u> )                                        | A package name to filter vulnerabilities by.                            |
| <pre>severities ( [SecurityAdvisorySeverity!] )</pre>            | A list of severities to filter vulnerabilities by.                      |

## topic 🔗

Look up a topic by name.

Type: Topic

## **Arguments for topic**

| Name                    | Description       |
|-------------------------|-------------------|
| name ( <u>String!</u> ) | The topic's name. |

## user 🔗

Lookup a user by login.

Type: User

#### **Arguments for user**

| Name                         | Description       |
|------------------------------|-------------------|
| <pre>login ( String! )</pre> | The user's login. |

#### users 🔗

A list of users.

**Type:** <u>UserConnection!</u>

## **Arguments for users**

| Name                    | Description                                                             |
|-------------------------|-------------------------------------------------------------------------|
| after ( <u>String</u> ) | Returns the elements in the list that come after the specified cursor.  |
| before (String)         | Returns the elements in the list that come before the specified cursor. |
| first ( <u>Int</u> )    | Returns the first $n$ elements from the list.                           |
| last ( <u>Int</u> )     | Returns the last <i>n</i> elements from the list.                       |

# viewer 🔗

The currently authenticated user.

Type: User!

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