# » gitlab\_group

Provides details about a specific group in the gitlab provider.

#### » Example Usage

```
By group's ID

data "gitlab_group" "foo" {
   group_id = 123
}

By group's full path

data "gitlab_group" "foo" {
   full_path = "foo/bar"
}
```

### » Argument Reference

The following arguments are supported:

- group\_id (Optional) The ID of the group.
- full\_path (Optional) The full path of the group.

Note: exactly one of group\_id or full\_path must be provided.

#### » Attributes Reference

The resource exports the following attributes:

- id The unique ID assigned to the group.
- name The name of this group.
- path The path of the group.
- description The description of the group.
- lfs\_enabled Boolean, is LFS enabled for projects in this group.
- request\_access\_enabled Boolean, is request for access enabled to the group.
- visibility\_level Visibility level of the group. Possible values are private, internal, public.
- parent\_id Integer, ID of the parent group.

- full\_path The full path of the group.
- full\_name The full name of the group.
- web\_url Web URL of the group.

# » gitlab\_project

Provides details about a specific project in the gitlab provider. The results include the name of the project, path, description, default branch, etc.

## » Example Usage

```
data "gitlab_project" "example" {
   id = 30
}
```

## » Argument Reference

The following arguments are supported:

• id - (Required) The integer that uniquely identifies the project within the gitlab install.

#### » Attributes Reference

The following attributes are exported:

- path The path of the repository.
- namespace\_id The namespace (group or user) of the project. Defaults to your user. See gitlab\_group for an example.
- description A description of the project.
- default\_branch The default branch for the project.
- issues\_enabled Enable issue tracking for the project.
- merge\_requests\_enabled Enable merge requests for the project.
- wiki\_enabled Enable wiki for the project.
- snippets\_enabled Enable snippets for the project.
- visibility\_level Repositories are created as private by default.
- id Integer that uniquely identifies the project within the gitlab install.

- ssh\_url\_to\_repo URL that can be provided to git clone to clone the repository via SSH.
- http\_url\_to\_repo URL that can be provided to git clone to clone the repository via HTTP.
- web\_url URL that can be used to find the project in a browser.
- runners\_token Registration token to use during runner setup.
- archived Whether the project is in read-only mode (archived).

## » gitlab user

Provides details about a specific user in the gitlab provider. Especially the ability to lookup the id for linking to other resources.

### » Example Usage

```
data "gitlab_user" "example" {
  username = "myuser"
}
```

#### » Argument Reference

The following arguments are supported:

- email (Optional) The e-mail address of the user. (Requires administrator privileges)
- username (Optional) The username of the user.
- user\_id (Optional) The ID of the user.

Note: only one of email, user id or username must be provided.

#### » Attributes Reference

- id The unique id assigned to the user by the gitlab server.
- username The username of the user.
- email The e-mail address of the user.
- name The name of the user.
- is\_admin Whether the user is an admin.

- can\_create\_group Whether the user can create groups.
- can\_create\_project Whether the user can create projects.
- projects\_limit Number of projects the user can create.
- created\_at Date the user was created at.
- state Whether the user is active or blocked.
- external Whether the user is external.
- extern\_uid The external UID of the user.
- user\_provider The UID provider of the user.
- organization The organization of the user.
- two factor enabled Whether user's two factor auth is enabled.
- avatar\_url The avatar URL of the user.
- bio The bio of the user.
- location The location of the user.
- skype Skype username of the user.
- linkedin Linkedin profile of the user.
- twitter Twitter username of the user.
- website\_url User's website URL.
- theme\_id User's theme ID.
- color\_scheme\_id User's color scheme ID.
- last\_sign\_in\_at Last user's sign-in date.
- current\_sign\_in\_at Current user's sign-in date.

**Note**: some attributes might not be returned depending on if you're an admin or not. Please refer to doc for more details.

# » gitlab\_users

Provides details about a list of users in the gitlab provider. The results include id, username, email, name and more about the requested users. Users can also be sorted and filtered using several options.

**NOTE**: Some of the available options require administrator privileges. Please visit Gitlab API documentation for more information.

#### » Example Usage

```
data "gitlab_users" "example" {
  sort = "desc"
  order_by = "name"
  created_before = "2019-01-01"
}
```

#### » Argument Reference

The following arguments are supported:

- search (Optional) Search users by username, name or email.
- active (Optional) Filter users that are active.
- blocked (Optional) Filter users that are blocked.
- order\_by (Optional) Order the users' list by id, name, username, created\_at or updated\_at. (Requires administrator privileges)
- sort (Optional) Sort users' list in asc or desc order. (Requires administrator privileges)
- extern\_uid (Optional) Lookup users by external UID. (Requires administrator privileges)
- extern\_provider (Optional) Lookup users by external provider. (Requires administrator privileges)
- created\_before (Optional) Search for users created before a specific date. (Requires administrator privileges)
- created\_after (Optional) Search for users created after a specific date. (Requires administrator privileges)

#### » Attributes Reference

The following attributes are exported:

- users The list of users.
  - id The unique id assigned to the user by the gitlab server.
  - $\boldsymbol{-}$  username  $\boldsymbol{-}$  The username of the user.
  - email The e-mail address of the user.
  - name The name of the user.
  - is\_admin Whether the user is an admin.
  - can\_create\_group Whether the user can create groups.
  - can\_create\_project Whether the user can create projects.
  - projects\_limit Number of projects the user can create.

```
- created_at - Date the user was created at.
- state - Whether the user is active or blocked.

    external - Whether the user is external.

- extern_uid - The external UID of the user.
- provider - The UID provider of the user.
- organization - The organization of the user.

    two_factor_enabled - Whether user's two factor auth is enabled.

- avatar_url - The avatar URL of the user.

    bio - The bio of the user.

    location - The location of the user.

- skype - Skype username of the user.
- linkedin - Linkedin profile of the user.
- twitter - Twitter username of the user.
- website url - User's website URL.
- theme_id - User's theme ID.
- color scheme id - User's color scheme ID.

    last_sign_in_at - Last user's sign-in date.

- current_sign_in_at - Current user's sign-in date.
```

# » gitlab\_branch\_protection

This resource allows you to protect a specific branch by an access level so that the user with less access level cannot Merge/Push to the branch. GitLab EE features to protect by group or user are not supported.

#### » Example Usage

```
resource "gitlab_branch_protection" "BranchProtect" {
  project = "12345"
  branch = "BranchProtected"
  push_access_level = "developer"
  merge_access_level = "developer"
}
```

#### » Argument Reference

- project (Required) The id of the project.
- branch (Required) Name of the branch.
- push\_access\_level (Required) One of five levels of access to the project.

• merge\_access\_level - (Required) One of five levels of access to the project.

# » gitlab\_deploy\_key

This resource allows you to create and manage deploy keys for your GitLab projects.

#### » Example Usage

```
resource "gitlab_deploy_key" "example" {
  project = "example/deploying"
  title = "Example deploy key"
  key = "ssh-rsa AAAA..."
}
```

## » Argument Reference

The following arguments are supported:

- project (Required, string) The name or id of the project to add the deploy key to.
- title (Required, string) A title to describe the deploy key with.
- key (Required, string) The public ssh key body.
- can\_push (Optional, boolean) Allow this deploy key to be used to push changes to the project. Defaults to false. NOTE:: this cannot currently be managed.

#### » Import

GitLab deploy keys can be imported using an id made up of {project\_id}:{deploy\_key\_id}, e.g.

```
$ terraform import gitlab_deploy_key.test 1:3
```

# » gitlab group

This resource allows you to create and manage GitLab groups. Note your provider will need to be configured with admin-level access for this resource to work.

### » Example Usage

#### » Argument Reference

The following arguments are supported:

- name (Required) The name of this group.
- path (Required) The path of the group.
- description (Optional) The description of the group.
- lfs\_enabled (Optional) Boolean, defaults to true. Whether to enable LFS support for projects in this group.
- request\_access\_enabled (Optional) Boolean, defaults to false. Whether to enable users to request access to the group.
- visibility\_level (Optional) Set to public to create a public group.
   Valid values are private, internal, public. Groups are created as private by default.
- parent\_id (Optional) Integer, id of the parent group (creates a nested group).

#### » Attributes Reference

The resource exports the following attributes:

- id The unique id assigned to the group by the GitLab server. Serves as a namespace id where one is needed.
- full\_path The full path of the group.
- full\_name The full name of the group.

• web\_url - Web URL of the group.

#### » Importing groups

You can import a group state using terraform import <resource> <id>. The id can be whatever the details of a group api takes for its :id value, so for example:

terraform import gitlab\_group.example example

# » gitlab\_group\_membership

This resource allows you to add a user to an existing group.

#### » Example Usage

```
resource "gitlab_group_membership" "test" {
group_id = "12345"
user_id = 1337
access_level = "guest"
expires_at = "2020-12-31"
}
```

## » Argument Reference

The following arguments are supported:

- group\_id (Required) The id of the group.
- user\_id (Required) The id of the user.
- access\_level (Required) Acceptable values are: guest, reporter, developer, master.
- expires\_at (Optional) Expiration date for the group membership. Format: YYYY-MM-DD

#### » Import

GitLab group membership can be imported using an id made up of groupid:username, e.g.

\$ terraform import gitlab\_group\_membership.test 12345:1337

# » gitlab\_group\_variable

This resource allows you to create and manage CI/CD variables for your GitLab groups. For further information on variables, consult the gitlab documentation.

#### » Example Usage

```
resource "gitlab_group_variable" "example" {
   group = "12345"
   key = "group_variable_key"
   value = "group_variable_value"
   protected = false
}
```

#### » Argument Reference

The following arguments are supported:

- group (Required, string) The name or id of the group to add the hook to.
- key (Required, string) The name of the variable.
- value (Required, string) The value of the variable.
- protected (Optional, boolean) If set to true, the variable will be passed only to pipelines running on protected branches and tags. Defaults to false.

#### » Import

GitLab group variables can be imported using an id made up of groupid:variablename, e.g.

\$ terraform import gitlab\_group\_variable.example 12345:group\_variable\_key

# » gitlab\_label

This resource allows you to create and manage labels for your GitLab projects. For further information on labels, consult the gitlab documentation.

### » Example Usage

```
resource "gitlab_label" "fixme" {
  project = "example"
  name = "fixme"
  description = "issue with failing tests"
  color = "#ffcc00"
}
```

#### » Argument Reference

The following arguments are supported:

- project (Required) The name or id of the project to add the label to.
- name (Required) The name of the label.
- color (Required) The color of the label given in 6-digit hex notation with leading '#' sign (e.g. #FFAABB) or one of the CSS color names.
- description (Optional) The description of the label.

#### » Attributes Reference

The resource exports the following attributes:

• id - The unique id assigned to the label by the GitLab server (the name of the label).

# » gitlab\_pipeline\_schedule

This resource allows you to create and manage pipeline schedules. For further information on clusters, consult the gitlab documentation.

#### » Example Usage

```
resource "gitlab_pipeline_schedule" "example" {
   project = "12345"
   description = "Used to schedule builds"
   ref = "master"
   cron = "0 1 * * *"
}
```

## » Argument Reference

The following arguments are supported:

- project (Required, string) The name or id of the project to add the schedule to.
- description (Required, string) The description of the pipeline schedule.
- ref (Required, string) The branch/tag name to be triggered.
- cron (Required, string) The cron (e.g. 0 1 \* \* \*).
- cron\_timezone (Optional, string) The timezone.
- active (Optional, bool) The activation of pipeline schedule. If false is set, the pipeline schedule will deactivated initially.

# » gitlab\_pipeline\_trigger

This resource allows you to create and manage pipeline triggers

### » Example Usage

```
resource "gitlab_pipeline_trigger" "example" {
  project = "12345"
  description = "Used to trigger builds"
}
```

#### » Argument Reference

The following arguments are supported:

- project (Required, string) The name or id of the project to add the trigger to.
- description (Required, string) The description of the pipeline trigger.

# » gitlab\_project

This resource allows you to create and manage projects within your GitLab group or within your user.

### » Example Usage

#### » Argument Reference

- name (Required) The name of the project.
- path (Optional) The path of the repository.
- namespace\_id (Optional) The namespace (group or user) of the project. Defaults to your user. See gitlab\_group for an example.
- description (Optional) A description of the project.
- tags (Optional) Tags (topics) of the project.
- default\_branch (Optional) The default branch for the project.
- issues\_enabled (Optional) Enable issue tracking for the project.
- merge\_requests\_enabled (Optional) Enable merge requests for the project.
- approvals\_before\_merge (Optional) Number of merge request approvals required for merging. Default is 0.
- wiki\_enabled (Optional) Enable wiki for the project.
- snippets\_enabled (Optional) Enable snippets for the project.
- container\_registry\_enabled (Optional) Enable container registry for the project.
- visibility\_level (Optional) Set to public to create a public project. Valid values are private, internal, public. Repositories are created as private by default.
- merge\_method (Optional) Set to ff to create fast-forward merges Valid
  values are merge, rebase\_merge, ff Repositories are created with merge
  by default
- only\_allow\_merge\_if\_pipeline\_succeeds (Optional) Set to true if you want allow merges only if a pipeline succeeds.

- only\_allow\_merge\_if\_all\_discussions\_are\_resolved (Optional) Set to true if you want allow merges only if all discussions are resolved.
- shared\_runners\_enabled (Optional) Enable shared runners for this project.
- shared\_with\_groups (Optional) Enable sharing the project with a list of groups (maps).
  - group\_id (Required) Group id of the group you want to share the project with.
  - group\_access\_level (Required) Group's sharing permissions. See group members permission for more info. Valid values are guest, reporter, developer, master.
- archived (Optional) Whether the project is in read-only mode (archived). Repositories can be archived/unarchived by toggling this parameter.

#### » Attributes Reference

The following additional attributes are exported:

- id Integer that uniquely identifies the project within the gitlab install.
- ssh\_url\_to\_repo URL that can be provided to git clone to clone the repository via SSH.
- http\_url\_to\_repo URL that can be provided to git clone to clone the repository via HTTP.
- web url URL that can be used to find the project in a browser.
- runners token Registration token to use during runner setup.
- shared\_with\_groups List of the groups the project is shared with.
  - group\_name Group's name.

#### » Importing projects

You can import a project state using terraform import <resource> <id>. The id can be whatever the get single project api takes for its :id value, so for example:

terraform import gitlab\_project.example richardc/example

# » gitlab\_project\_cluster

This resource allows you to create and manage project clusters for your GitLab projects. For further information on clusters, consult the gitlab documentation.

#### » Example Usage

```
resource "gitlab_project" "foo" {
 name = "foo-project"
resource gitlab_project_cluster "bar" {
                                = "${gitlab_project.foo.id}"
 project
 name
                                = "bar-cluster"
                                = "example.com"
 domain
  enabled
                                = true
                                = "https://124.124.124"
 kubernetes_api_url
 kubernetes token
                                = "some-token"
                                = "some-cert"
 kubernetes_ca_cert
 kubernetes_namespace
                                = "namespace"
 kubernetes_authorization_type = "rbac"
                                = "*"
  environment_scope
}
```

#### » Argument Reference

- project (Required, string) The id of the project to add the cluster to.
- name (Required, string) The name of cluster.
- domain (Optional, string) The base domain of the cluster.
- enabled (Optional, boolean) Determines if cluster is active or not. Defaults to true. This attribute cannot be read.
- managed (Optional, boolean) Determines if cluster is managed by gitlab or not. Defaults to true. This attribute cannot be read.
- kubernetes\_api\_url (Required, string) The URL to access the Kubernetes API.
- kubernetes\_token (Required, string) The token to authenticate against Kubernetes.
- kubernetes\_ca\_cert (Optional, string) TLS certificate (needed if API is using a self-signed TLS certificate).

- kubernetes\_namespace (Optional, string) The unique namespace related to the project.
- kubernetes\_authorization\_type (Optional, string) The cluster authorization type. Valid values are rbac, abac, unknown\_authorization. Defaults to rbac.
- environment\_scope (Optional, string) The associated environment to the cluster. Defaults to \*.

#### » Import

GitLab project clusters can be imported using an id made up of projectid:clusterid, e.g.

```
$ terraform import gitlab_project_cluster.bar 123:321
```

# » gitlab\_project\_hook

This resource allows you to create and manage hooks for your GitLab projects. For further information on hooks, consult the gitlab documentation.

#### » Example Usage

#### » Argument Reference

- project (Required) The name or id of the project to add the hook to.
- url (Required) The url of the hook to invoke.
- token (Optional) A token to present when invoking the hook.
- enable\_ssl\_verification (Optional) Enable ssl verification when invoking the hook.
- push\_events (Optional) Invoke the hook for push events.
- issues\_events (Optional) Invoke the hook for issues events.

- merge\_requests\_events (Optional) Invoke the hook for merge requests.
- tag\_push\_events (Optional) Invoke the hook for tag push events.
- note\_events (Optional) Invoke the hook for notes events.
- job\_events (Optional) Invoke the hook for job events.
- pipeline\_events (Optional) Invoke the hook for pipeline events.
- wiki\_page\_events (Optional) Invoke the hook for wiki page events.

#### » Attributes Reference

The resource exports the following attributes:

• id - The unique id assigned to the hook by the GitLab server.

# » gitlab\_project\_membership

This resource allows you to add a current user to an existing project with a set access level.

## » Example Usage

```
resource "gitlab_project_membership" "test" {
project_id = "12345"
user_id = 1337
access_level = "guest"
}
```

#### » Argument Reference

- project\_id (Required) The id of the project.
- user\_id (Required) The id of the user.
- access\_level (Required) One of five levels of access to the project.

### » Import

GitLab group membership can be imported using an id made up of groupid:username, e.g.

\$ terraform import gitlab\_project\_membership.test 12345:1337

# » gitlab\_project\_variable

This resource allows you to create and manage CI/CD variables for your GitLab projects. For further information on variables, consult the gitlab documentation.

#### » Example Usage

```
resource "gitlab_project_variable" "example" {
   project = "12345"
   key = "project_variable_key"
   value = "project_variable_value"
   protected = false
}
```

## » Argument Reference

The following arguments are supported:

- project (Required, string) The name or id of the project to add the hook to.
- key (Required, string) The name of the variable.
- value (Required, string) The value of the variable.
- protected (Optional, boolean) If set to true, the variable will be passed only to pipelines running on protected branches and tags. Defaults to false.

#### » Import

GitLab project variables can be imported using an id made up of projectid:variablename, e.g.

\$ terraform import gitlab\_project\_variable.example 12345:project\_variable\_key

# » gitlab\_service\_jira

This resource allows you to manage Jira integration.

#### » Example Usage

```
resource "gitlab_project" "awesome_project" {
  name = "awesome_project"
  description = "My awesome project."
  visibility_level = "public"
}

resource "gitlab_service_jira" "jira" {
  project = "${gitlab_project.awesome_project.id}"
  url = "https://jira.example.com"
  username = "user"
  password = "mypass"
}
```

### » Argument Reference

- project (Required) ID of the project you want to activate integration on
- url (Required) The URL to the JIRA project which is being linked to this GitLab project. For example, https://jira.example.com.
- username (Required) The username of the user created to be used with GitLab/JIRA.
- password (Required) The password of the user created to be used with GitLab/JIRA.
- project\_key (Required) The short identifier for your JIRA project, all uppercase, e.g., PROJ.
- jira\_issue\_transition\_id (Optional) The ID of a transition that moves issues to a closed state. You can find this number under the JIRA workflow administration (Administration > Issues > Workflows) by selecting View under Operations of the desired workflow of your project. By default, this ID is set to 2.

### » Importing Jira service

You can import a service\_jira state using terraform import <resource> <project\_id>:

```
$ terraform import gitlab_service_jira.jira 1
```

# » gitlab\_service\_slack

This resource allows you to manage Slack notifications integration.

## » Example Usage

```
resource "gitlab_project" "awesome_project" {
 name = "awesome_project"
  description = "My awesome project."
  visibility_level = "public"
}
resource "gitlab_service_slack" "slack" {
                             = "${gitlab_project.awesome_project.id}"
 project
 webhook
                             = "https://webhook.com"
 username
                             = "myuser"
 push events
                             = true
 push_channel
                             = "push_chan"
```

## » Argument Reference

- project (Required) ID of the project you want to activate integration on.
- webhook (Required) Webhook URL (ex.: https://hooks.slack.com/services/...)
- username (Optional) Username to use.
- notify\_only\_broken\_pipelines (Optional) Send notifications for broken pipelines.
- notify\_only\_default\_branch (Optional) Send notifications only for the default branch.
- push\_events (Optional) Enable notifications for push events.

- push\_channel (Optional) The name of the channel to receive push events notifications.
- issues\_events (Optional) Enable notifications for issues events.
- issue\_channel (Optional) The name of the channel to receive issue events notifications.
- confidential\_issues\_events (Optional) Enable notifications for confidential issues events.
- confidential\_issue\_channel (Optional) The name of the channel to receive confidential issue events notifications.
- merge\_requests\_events (Optional) Enable notifications for merge requests events.
- merge\_request\_channel (Optional) The name of the channel to receive merge request events notifications.
- tag\_push\_events (Optional) Enable notifications for tag push events.
- tag\_push\_channel (Optional) The name of the channel to receive tag push events notifications.
- note\_events (Optional) Enable notifications for note events.
- note\_channel (Optional) The name of the channel to receive note events notifications.
- confidential\_note\_events (Optional) Enable notifications for confidential note events.
- pipeline\_events (Optional) Enable notifications for pipeline events.
- pipeline\_channel (Optional) The name of the channel to receive pipeline events notifications.
- wiki\_page\_events (Optional) Enable notifications for wiki page events.
- wiki\_page\_channel (Optional) The name of the channel to receive wiki
  page events notifications.

#### » Importing Slack service

You can import a service\_slack state using terraform import <resource> <project\_id>:

\$ terraform import gitlab\_service\_slack.slack 1

# » gitlab\_tag\_protection

This resource allows you to protect a specific tag or wildcard by an access level so that the user with less access level cannot Create the tags.

#### » Example Usage

```
resource "gitlab_tag_protection" "TagProtect" {
  project = "12345"
  tag = "TagProtected"
  create_access_level = "developer"
}
```

#### » Argument Reference

The following arguments are supported:

- project (Required) The id of the project.
- tag (Required) Name of the tag or wildcard.
- create\_access\_level (Required) One of five levels of access to the project.

# » gitlab\_user

This resource allows you to create and manage GitLab users. Note your provider will need to be configured with admin-level access for this resource to work.

## » Example Usage

### » Argument Reference

The following arguments are supported:

- name (Required) The name of the user.
- username (Required) The username of the user.
- password (Required) The password of the user.
- email (Required) The e-mail address of the user.
- is\_admin (Optional) Boolean, defaults to false. Whether to enable administrative priviledges for the user.
- projects\_limit (Optional) Integer, defaults to 0. Number of projects user can create.
- can\_create\_group (Optional) Boolean, defaults to false. Whether to allow the user to create groups.
- skip\_confirmation (Optional) Boolean, defaults to true. Whether to skip confirmation.
- is\_external (Optional) Boolean, defaults to false. Whether a user has access only to some internal or private projects. External users can only access projects to which they are explicitly granted access.

#### » Attributes Reference

The resource exports the following attributes:

• id - The unique id assigned to the user by the GitLab server.

#### » Importing users

You can import a user to terraform state using terraform import <resource> <id>. The id must be an integer for the id of the user you want to import, for example:

terraform import gitlab\_user.example 42