

Gitlab tricks

Using the GITLAB REST API

See <https://docs.gitlab.com/ce/api/README.html>

Authenticated URL including private token

`https://gitlab.info-ufr.univ-montp2.fr/api/v3/projects/?private_token=YOUR_PRIVATE_TOKEN`

Get info about all your repositories

`curl -H "PRIVATE-TOKEN:YOUR_PRIVATE_TOKEN" "https://gitlab.info-ufr.univ-montp2.fr/api/v3/projects" _`

Create a new repository from JSON

`curl -H "Content-Type:application/json" https://gitlab.info-ufr.univ-montp2.fr/api/v3/projects?private_token=YOUR_PRIVATE_TOKEN -d "{ \"name\": \"repo_name\" }"`

Remove a repository by id

`curl -H "PRIVATE-TOKEN:YOUR_PRIVATE_TOKEN"
-X DELETE "https://gitlab.info-ufr.univ-montp2.fr/api/v3/projects/repo_id_number"`

Get the issues by repository id

`curl -H "PRIVATE-TOKEN:YOUR_PRIVATE_TOKEN" "https://gitlab.info-ufr.univ-montp2.fr/api/v3/projects/2232/issues"`

Get a list of visible groups for the authenticated user

`curl -H "PRIVATE-TOKEN:YOUR_PRIVATE_TOKEN" "https://gitlab.info-ufr.univ-montp2.fr/api/v3/groups"`

Create a new group

`curl -H "Content-Type:application/json" https://gitlab.info-ufr.univ-montp2.fr/api/v3/groups?private_token=YOUR_PRIVATE_TOKEN -d "{ \"name\": \"group1\", \"path\": \"group1\", \"description\": \"New group1 description\" }"`

Using the Git Client

```
#!/bin/bash
# Set a local git repository
#####
# Set up your identity:
PRENOM="Fabien"
NOM="Priotto"
# Normally, this should be name.familyName
GITLOGIN="fabien.priotto"
EMAIL="fabien.priotto@umontpellier.fr"
#####

usage () {
    echo "usage: $0 existingGitlabProjectName" ;
}

if [ $# -lt 1 ] ; then
    usage; exit
else

git config --global user.name "$NOM $PRENOM"
git config --global user.email $EMAIL
#Create Repository
mkdir $1
cd $1
git init
touch README.md
git add README.md
git commit -m 'first commit'
git remote add origin git@gitlab.info-ufr.univ-montp2.fr:$GITLOGIN/$1.git
fi
```