

# Repositories

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# Sign in to GitLab (Nottingham)

← → ↻ [https://projects.cs.nott.ac.uk/users/sign\\_in](https://projects.cs.nott.ac.uk/users/sign_in) ☆ ☰

Signed out successfully.

## GitLab Community Edition

Open source software to collaborate on code

Manage git repositories with fine grained access controls that keep your code secure. Perform code reviews and enhance collaboration with merge requests. Each project can also have an issue tracker and a wiki.

Explore Help About GitLab

### Sign in

LDAP Standard

LDAP Login

Password

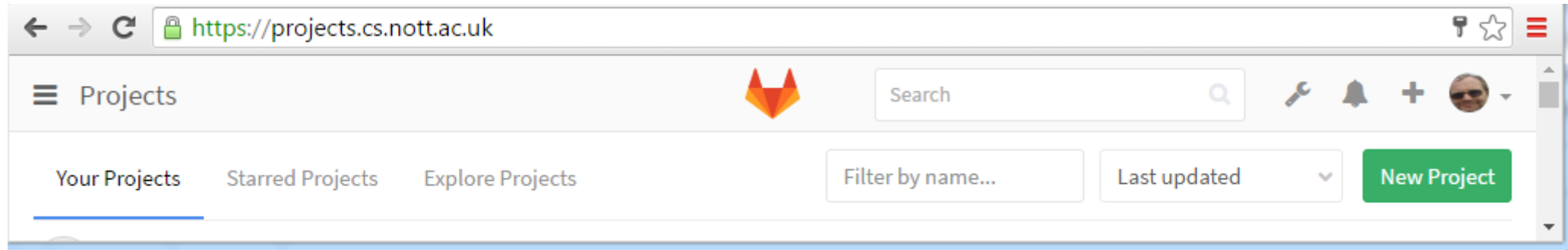
Remember me

Sign in

Use LDAP Tab

University ID  
And  
Password

# Create a new Project

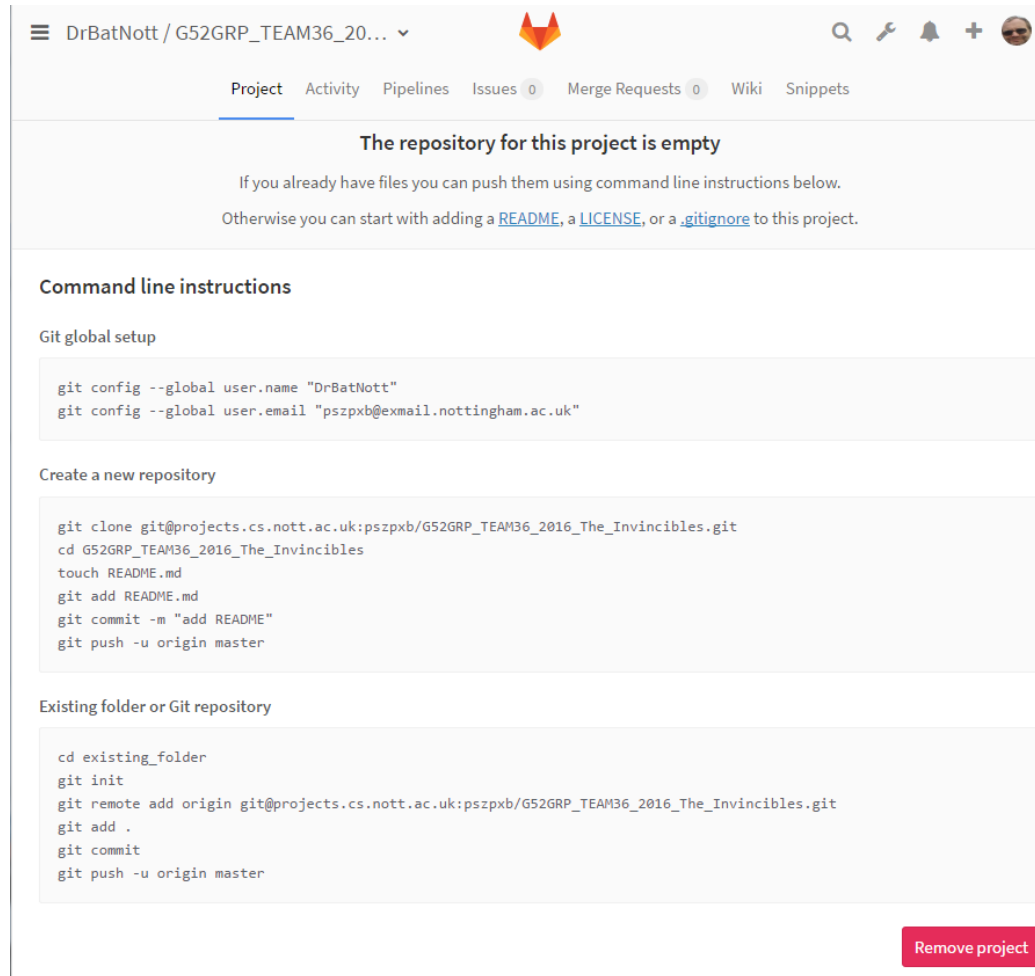








- I have lots of projects but you may have none to start with.
- We will use this in the Andrew French's module and he will hopefully reinforce what I say
- In this case, however, we want only one project per group
- I think this can be a role for one team member to make sure the repository stays in good shape
- We will mark this at the end of term and in May at the end of the project
- It will be the core of your interim report mark

# Make sure your project

- Has your Team Number attached
- Has your Team Name
- Make the format
  - G52GRP\_TEAM36\_2016\_The\_Invincibles

# You get a new empty project



DrBatNott / G52GRP\_TEAM36\_20...      

[Project](#) [Activity](#) [Pipelines](#) [Issues](#) 0 [Merge Requests](#) 0 [Wiki](#) [Snippets](#)

**The repository for this project is empty**

If you already have files you can push them using command line instructions below.  
Otherwise you can start with adding a [README](#), a [LICENSE](#), or a [.gitignore](#) to this project.

### Command line instructions

Git global setup

```
git config --global user.name "DrBatNott"
git config --global user.email "pszpxb@exmail.nottingham.ac.uk"
```

Create a new repository

```
git clone git@projects.cs.nott.ac.uk:pszpxb/G52GRP_TEAM36_2016_The_Invincibles.git
cd G52GRP_TEAM36_2016_The_Invincibles
touch README.md
git add README.md
git commit -m "add README"
git push -u origin master
```

Existing folder or Git repository







```
cd existing_folder
git init
git remote add origin git@projects.cs.nott.ac.uk:pszpxb/G52GRP_TEAM36_2016_The_Invincibles.git
git add .
git commit
git push -u origin master
```

[Remove project](#)

# Repositories

- There are different repository types
  - Two main classes
    - On line only repositories like SVN
    - On line and off line like GIT
  - Advantages and disadvantages of both
  - GIT
    - Allows you to have your own version of the repo on your computer
      - So you can change it and store it when you are not on line
    - But different people could be making incompatible changes
    - When pushed there will be a clash
    - Need to rectify this before it is accepted

# Add new members

DrBatNott / G52GRP\_TEAM36\_2016\_The\_Invi... ⌵  This project Search      ⌵

Project Activity Pipelines Issues 0 Merge Requests 0 Wiki Snippets

Add new user to project Import members


Users with access to this project are listed below.





People  ←  
Search for users by name, username, or email, or invite new ones using their email address.

Project Access Guest ⌵  
Read more about role permissions [here](#)

Access expiration date   
On this date, the user(s) will automatically lose access to this project.

Add users to project

G52GRP\_TEAM36\_2016\_The\_Invincibles project members 2  

	<b>Peter LaValle</b> pszpal Joined less than a minute ago	Developer  
	<b>DrBatNott</b> pszpxb <span>It's you</span> Joined 28 minutes ago	Master

Add new members is behind here

The person you wish to add will need to have registered on the server

# Create content

- You should use the wiki
- Keep a page of Notes
- At the moment upload your pitches and cvs



# Once you know your project

- I will give another talk on how to keep a good repository
  - Have a development branch
  - And a deployment branch
  - And issues branches
  - Never commit to the deployment branch until all tests pass
  - Later will talk about the Continuous Integration server which will help
- Will talk about Trello and other activities later too.

# Pitch timetable

- Available on Moodle
- [http://moodle.nottingham.ac.uk/pluginfile.php/3188587/mod\\_resource/content/1/PitchRoomsByGroup.pdf](http://moodle.nottingham.ac.uk/pluginfile.php/3188587/mod_resource/content/1/PitchRoomsByGroup.pdf)
- Make sure you know where the rooms are
- Everyone needs to be there on time
- Don't forget to tell your group leader if you can't make it
  - FOR A LEGITIMATE REASON ONLY