

Create GIT Repo from Scratch

Create Forgejo Repo

Create the new repository that we want to populate and start using (e.g. "homesite")

Upload source tree

Now we will prepare and upload the source tree to the repository. On the local computer enter the directory where the sources are and execute:

.gitignore

Create in the root of the source tree a .gitignore file and add all the files and folders that need to be excluded from the upload to the repositories.

Setup user references

```
$ git config --global user.email "oscar@oscardegroot.nl"
$ git config --global user.name "Oscar de Groot"
```

Upload to local repo

```
git init
git switch -c main
git add .
git commit -m "first commit"
```

- git init: will prepare local repository by creating the .git directory
- git switch: will create the main branch and switches the local repo to it.
- git add . : will stage all files to the local staging area
- git commit: will commit all staged file in the local repo

Upload to remote repo

```
git remote add origin http://192.168.178.86:3000/git-admin/homesite.git
git push -u origin main
```

- git remote add: will add and connect a remote server/repository to our local git. The will be called and references as: "origin"
- git push: will push all committed files to the remote called "origin". "-u" sets the upstream

tracking branch, linking your local main branch to origin/main. Once you do this once, future pushes and pulls on that branch can just be: git push; git pull. Instead of needing to specify origin main every time.

Authorization

The “git push -u origin main” command will prompt for a username/password. Use the forgejo main account (default is: **git-admin/git-admin-passwd**).

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