

# Move A Bitbucket Repository to Another Git Hosting Platform

The official USGS Git hosting platforms available include the following (see [comparison](#)):

- [USGS OpenSource GitLab](#)
- [USGS InnerSource GitLab](#)
- [GitHub](#)

## Step-by-step guides

1. Log in to [Bitbucket](#) and navigate to the repository that you are moving
2. Make note of the SSH/HTTPS clone URL for the existing repository (*ex. `ssh://git@my.usgs.gov/project/old-repo.git`*)
3. Log in to the new hosting platform where you are migrating the repository to
4. Create a new empty repository/project
5. Make note of the SSH/HTTPS clone URL for the new repository (*ex. `git@code.usgs.gov:group/new-repo.git`*)
6. Run the following Git commands:

```
git clone --mirror ssh://git@my.usgs.gov/project/old-repo.git
cd old-repo.git
git push --mirror git@code.usgs.gov:group/new-repo.git
```

7. The new repository should now contain all branches from the old repository (**Note:** pull requests and discussions will not be preserved). Please verify that everything was copied correctly, then remove the old repository/project from Bitbucket
8. If you have any existing repositories cloned to your workstation, you will need to update the Git remote URL using the following commands:

```
cd existing_repo
git remote rename origin old-origin
git remote add origin git@code.usgs.gov:group/new-repo.git
```

## Additional Resources

- [Git Tutorials and Training](#)
- If you need any assistance, please contact [myusgs@usgs.gov](mailto:myusgs@usgs.gov).