Migrate to Harvard Enterprise GitHub (code.harvard.edu)

To migrate a repository from a git based version control (like github, Bitbucket, code.seas.harvard.edu, etc) to Harvard Enterprise GitHub

1. Create a repository in code.harvard.edu
2. Use git commands to move the repository contents.

Example: Suppose we want to migrate my_test_repo (git@bitbucket.org:my_project/my_test_repo.git) from Bitbucket to Harvard Enterprise GitHub.

**Create new repository "my_test_repo" in code.harvard.edu using the UI or API**

Using the website

- Login to code.harvard.edu
- Create new repository, for help use: https://help.github.com/articles/create-a-repo/

Or with API calls

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<th>Note that token and API calls are useful if you want to automate things or move multiple repositories at once.</th>
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| • Create a personal token in code.harvard.edu:
  - fill out the Token description
  - check the "Repo" box in the Select Scope.
  - For more help with the personal token look at: https://help.github.com/articles/creating-a-personal-access-token-for-the-command-line
  - For Simplicity, assign the token value to a variable (say AUTH_TOKEN).
  - Create a repository (private or public) in your organization (Like SEAS). Note that the list of available parameters to create a repository can be found here: https://developer.github.com/v3/repos/ |

| AUTH_TOKEN=f1af1e2a1985d6f789f85505b28de329185e4cf4 |
| DATA='{"name":"my_test_repo", "description":"my_test_repo repo in Harvard GitHub", "private": true, "has_wiki": true}' |
| curl -H "Content-Type: application/json" -H "Authorization: token $AUTH_TOKEN" -X POST -d "$DATA" |
| https://code.harvard.edu/api/v3/orgs/SEAS/repos |

• Write down the repository ssh URL. In this case it is "ssh_url": "git@code.harvard.edu:SEAS/my_test_repo.git",

**Migrate the repository**

• Clone the old repository
• Remove the old repository remote URL
• Add the new remote repository URL,
• push to the remote repository.

| git clone --mirror git@bitbucket.org:my_project/my_test_repo.git |
| cd my_test_repo |
| git remote remove origin |
| git remote add origin git@code.harvard.edu:SEAS/my_test_repo.git |
| git push origin --mirror |

• The "--mirror" option is to map all the branches and tags.
Remove your token

if you created a token above, then delete it

go to: https://code.harvard.edu/settings/tokens then delete it.