

Scope of This Cheat Sheet

After following the setup instructions on the Webfaction hosting website, I often forget the rules for naming and creating a new Git repo and cloning that repo. This sheet is meant to be short, and just enough to jog the memory of those who use it.

This cheat sheet assumes you already have a Webfaction hosting account and the knowledge of using its features.

Creating a New Repository

1. SSH into your Webfaction account
2. Switch to application's repos sub directory. `cd ~/webapps/repos`
3. Create the repo. `git init --bare {repo}.git` *{repo} should be the name of the new repository. The .git extension is required for all repositories!*
4. Switch to the new repo's directory. `cd {repo}.git` *Where {repo} is the name of your newly created repository*
5. Enable HTTP push. While in the newly created repo's directory, run: `git config http.receivepack true`

Quick note on naming new repositories:

- A. The .git extension is required on all repository names
- B. There can only be one dot (.) in the repository's name, and that should precede the git extension

Examples:

- ✗ repo
- ✓ repo.git
- ✗ repo.com.git

Cloning a Repository

Type	Git Command
Local	<code>git clone /home/username/webapps/apps/project.git</code>
HTTP (Anon)	<code>git clone http://domain/URL/path/project.git</code>
HTTP (Auth)	<code>git clone http://git_username@domain/URL/path/project.git</code>
SSH	<code>git clone username@username.webfactional.com:/home/username/webapps/apps/project.git</code>

NOTE *Links in the above commands do not work*

If you plan on adding large file, a mass quantity of files, or making many changes to your repository between pushes and pulls, consider changing the postBuffer setting on your local repository clone.

1. Switch to the clone of the repo
2. Execute `git config http.postBuffer {{bytes}}` where bytes is the maximum number of bytes permitted.

Example: To allow for a push of up to 500 MB, execute `git config http.postBuffer 524288000`



Removing a Git Repository

1. **Read the warning note below!!!**
2. SSH into your Webfaction account
3. Enter your repos sub-directory `cd ~/webapps/git/repos`
4. Execute `rm -r {{repo}}.git` to remove the repository `{{repo}}.git`

⚠ Removing a repository cannot be undone by you or a member of the Webfaction team! If you remove a repo, it is solely on you...remove with caution!



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