## 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 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/git/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 a**

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 preceed the git extension

Examples:
- ✖ repo
- ✔ repo.git
- ✖ repo.com.git

## Cloning a Repository

| Type | Git Command |
| --- | --- |
| Local | `git clone /home/username/webapps/app/repos/proj.git` |
| HTTP (Anon) | `git clone http://domain/URL_PATH/proj.git` |
| HTTP (Auth) | `git clone http://git_user@domain/URL_PATH/proj.git` |
| SSH | `git clone username@username.webfactional.com:/home/username/webapps/app/repos/proj.git` |
| 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 local repositry 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...remo**