**Using version control**

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1. Download Chef's skeleton repository as a tarball:

**mma@laptop $ wget http://github.com/chef/chef-repo/tarball/master**

2. Extract the downloaded tarball:

**mma@laptop $ tar xzvf master**

3. Rename the directory:

**mma@laptop:~ $ mv chef-boneyard-chef-repo-\* chef-repo**

4. Change to your newly created Chef repository:

**mma@laptop:~ $ cd chef-repo/**

5. Initialize a fresh Git repository:

**mma@laptop:~/chef-repo $ git init**

**Initialized empty Git repository in /Users/mma/work/chef-repo/.git/**

6. Connect your local repository to your remote repository on github.com. Make

sure to replace mmarschall with your own GitHub username:

**mma@laptop:~/chef-repo git remote add origin git@github.com:raghuk134/chef-ad.git**

7. Configure Git with your user name and e-mail address:

**mma@laptop:~/chef-repo $ git config --global user.email**

**"you@example.com"**

**mma@laptop:~/chef-repo $ git config --global user.name "Your Name"**

8. Add and commit Chef's default directory structure:

**mma@laptop:~/chef-repo $ git add --all**

**mma@laptop:~/chef-repo $ git commit -m "initial commit"**

9. Push your initialized repository to GitHub. This makes it available to all your coworkers

to collaborate on:

**mma@laptop:~/chef-repo $ git push -u origin master**

Let's assume you're working on the same chef-repo repository, together with your coworkers.

They cloned your repository, added a new cookbook called other\_cookbook,

committed their changes locally, and pushed their changes back to GitHub. Now, it's time

for you to get the new cookbook downloaded on to your own laptop.

Pull your co-workers' changes from GitHub. This will merge their changes into your local

copy of the repository. Use the pull subcommand:

**mma@laptop:~/chef-repo $ git pull --rebase**

Learn about Git basics at http://git-scm.com/videos

https://help.github.com/categories/bootcamp

**Installing the Chef Development Kit on yor workstation**

1. Download the Chef DK for your specific workstation platform from

https://downloads.chef.io/chef-dk/ and run the installer.

2. Verify that Chef installed all the required components:

**mma@laptop:~ $ chef verify**

Find ChefDK on GitHub at https://github.com/chef/chef-dk

**hosted Chef platform**

1. Create the configuration directory for your Chef client on your local workstation:

**mma@laptop:~/chef-repo $ mkdir .chef**

2. Navigate to http://manage.chef.io/organizations. After logging in, you can

start downloading your validation keys and configuration file

3. update username.pem and kinfe.rb in chef-repo/.chef

.chef/\*.pem

.chef/encrypted\_data\_bag\_secret

You should add the preceding code to your .gitingore file inside

chef-repo to avoid your credentials from ending up in your Git

repository.