

Workstation Installation

Configuring Your Laptop as a Workstation

Objectives

After completing this module, you should be able to

- Ensure that ChefDK is installed on your laptop
- Execute a series of commands to ensure everything is installed
- Install a local editor like Atom



Installing the ChefDK

Installing the tools on your system

Objective:

- ☐ Install the ChefDK
- ☐ Open a Terminal / Command Prompt
- ☐ Execute a series of commands to ensure everything is installed
- ☐ Download a repository of cookbooks
- ☐ Install git (optional)
- ☐ Install a text editor (optional)



ChefDK

The ChefDK contains tools like chef-apply, chef-client, and kitchen.

You can find the ChefDK to download at the website downloads.chef.io. Be sure to download ChefDK version 0.8.1

<https://downloads.chef.io/chef-dk/>



GL: Download the ChefDK

ChefDK is a tool chain built on top of the Ruby programming language.

The ChefDK installer does not install any particular graphical-user-interface—installs CLI instead

<https://downloads.chef.io/chef-dk/>

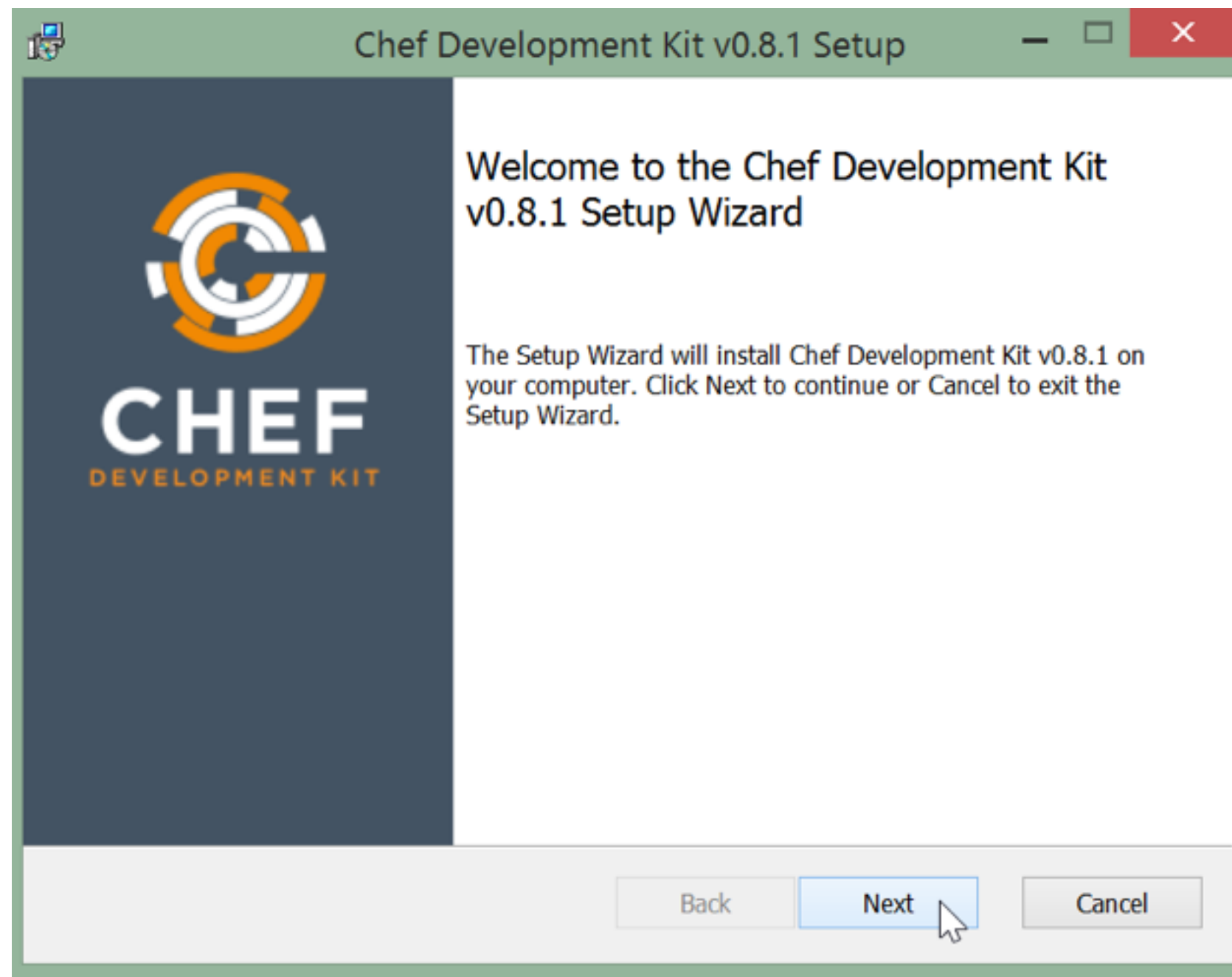


GL: Installing ChefDK

The omnibus installer is used to set up the Chef development kit on a workstation, including the chef-client itself, an embedded version of Ruby, RubyGems, OpenSSL, key-value stores, parsers, libraries, command line utilities, and community tools such as Kitchen, Berkshelf, and ChefSpec.

<https://downloads.chef.io/chef-dk/>

GL: Installing ChefDK





Lab: Run All These Commands

```
$ chef --version  
$ chef-client --version  
$ knife --version  
$ ohai --version  
$ berks --version  
$ kitchen --version  
$ foodcritic --version  
$ rubocop --version
```


CONCEPTS

git



Git was initially designed and developed by Linus Torvalds for Linux kernel development in 2005, and has since become the most widely adopted version control system for software development.

<http://git-scm.com/downloads>

Text Editors

When working with Chef you spend a large time editing files.

Whatever editor you use should optimize for this workflow.



CONCEPT

ATOM Editor



Atom is modern, approachable, and hackable to the core. We can't wait to see what you build with it.

<https://atom.io>



CHEF™
