

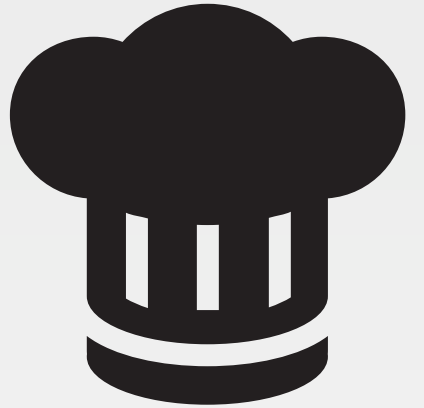
# Workstation Installation

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 a text editor (optional)



# ChefDK

The ChefDK contains tools like chef-client and kitchen.

You can find the ChefDK to download at the website [downloads.chef.io](https://downloads.chef.io). Be sure to download ChefDK version 2.0.28 when prompted by the instructor.

<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: Download the ChefDK

Please install ChefDK version 2.0.28 for this course for your laptop type. <https://downloads.chef.io/chefdk/stable/2.0.28>

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.

# GL: Installing ChefDK

- Install ChefDK version 2.0.28 for this course for your laptop type.
- Select your OS.
- Click the correct Download button.

<https://downloads.chef.io/chefdk/stable/2.0.28>

JUMP TO OS:

Debian | Red Hat Enterprise Linux | Mac OS X/macOS | SUSE Linux | Windows

Windows 10

License Information

Architecture: **x86\_64**

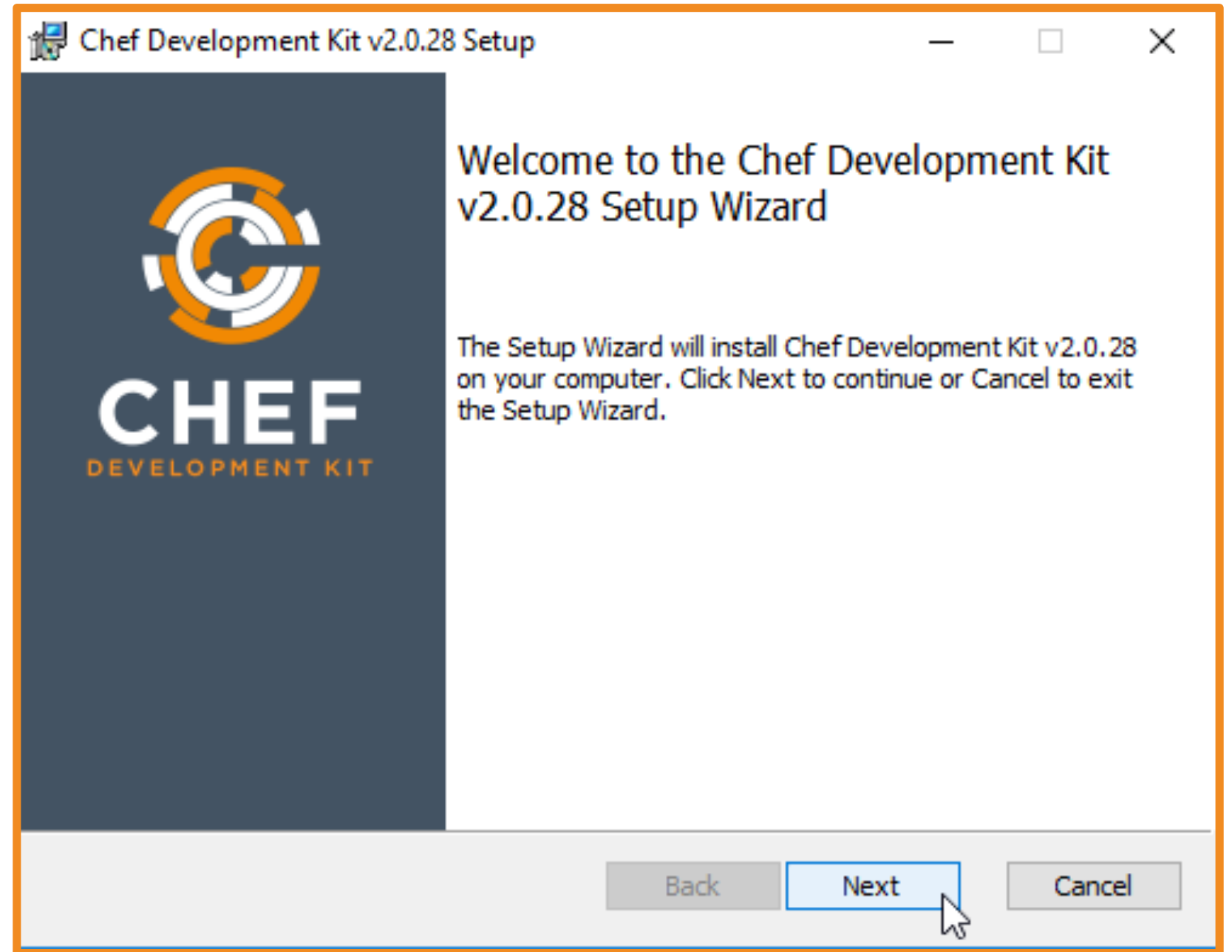
SHA256: 6967d43b14a358a5ee743f514b63d7e78cc9ca0789ce982577b31a759aec3d0

URL: <https://packages.chef.io/files/stable/chefdk/2.0.28/windows/2012r2/chefdk-2.0.28-1-x86.msi>

Download

# GL: Installing ChefDK

After downloading, run the ChefDK setup wizard.





# GL: ChefDK PowerShell

For Windows users, ChefDK installs a Chef version of PowerShell on your desktop that ensures everything is properly set up for the shell.

You should run all the commands in the rest of the labs from within this ChefDK shell.

Mac users' native terminals will be properly set up by ChefDK.





# Lab: Run All These Commands

\$ chef --version (or -v instead of --version)

\$ chef-client --version

\$ knife --version

\$ ohai --version

\$ berks --version

\$ kitchen --version

\$ foodcritic --version

\$ cookstyle --version

# CONCEPT

git

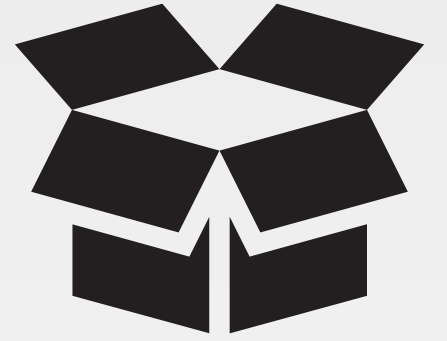


Git was initially designed and developed by Linus Torvalds for Linux kernel development in 2005, and has since become the most widely adopted version control system for software development.

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

# CONCEPT

## 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

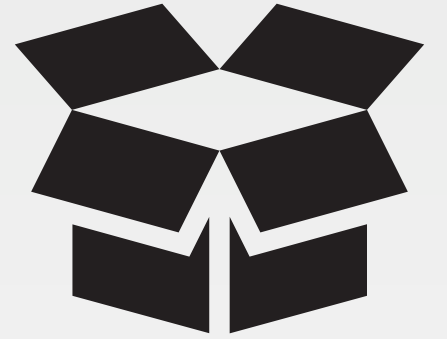


Atom is modern, approachable, and hackable to the core. We can't wait to see what you build with it.

<https://atom.io>

# CONCEPT

## Visual Studio Code



Visual Studio Code is a streamlined code editor with support for development operations like debugging, task running and version control. It aims to provide just the tools a developer needs for a quick code-build-debug cycle and leaves more complex workflows to fuller featured IDEs.

<https://code.visualstudio.com>



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