

Workstation Installation

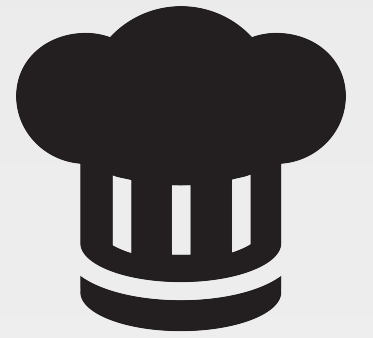
Configuring Your Laptop as a Workstation

Objectives

After completing this module, you should be able to

- Install Chef Workstation on your laptop
- Execute commands to ensure everything is installed
- Install a text editor

EXERCISE



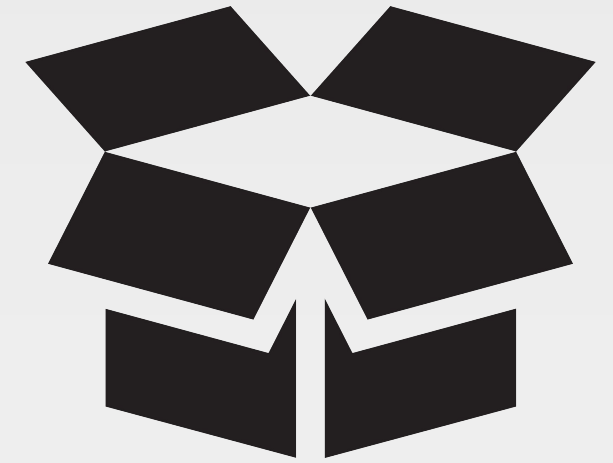
Installing Chef Workstation

Installing the tools on your system

Objective:

- ☐ Install Chef Workstation
- ☐ Execute commands to ensure everything is installed
- ☐ Install a text editor (optional)

CONCEPT



Chef Workstation

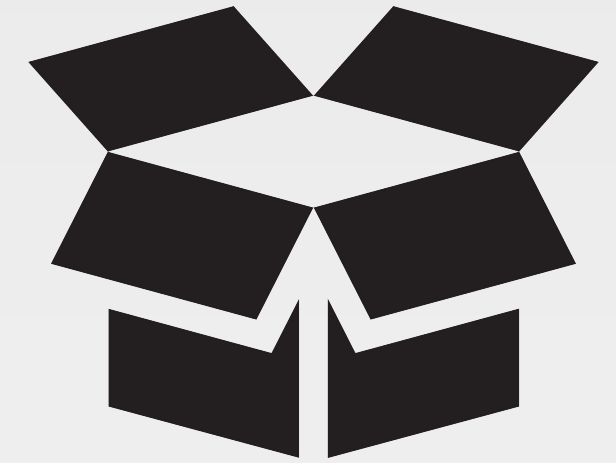
Chef Workstation provides everything you need to get started with Chef.

Chef Workstation includes ChefDK tools plus additional ad-hoc configuration management tools.

Chef Workstation comes with the new **chef-run** utility, which can be used to execute chef code on any remote system accessible via SSH or WinRM. This provides a quick way to apply config changes to the systems you manage whether or not they're being actively managed by Chef

<https://docs.chef.io/workstation/>

CONCEPT



Chef Workstation

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

The Chef Workstation installer does not install any particular graphical-user-interface—it installs a CLI instead.



GL: Install Chef Workstation

In this course, we won't be using the ad-hoc commands (`chef-run`) that Chef Workstation provides. But we will be using the commands and tools that ChefDK has historically provided.



GL: Install Chef Workstation

Click the link below the slide in your participant guide or simply type the URL shown on the slide into a browser.

You'll need to select the correct download for your laptop's system.

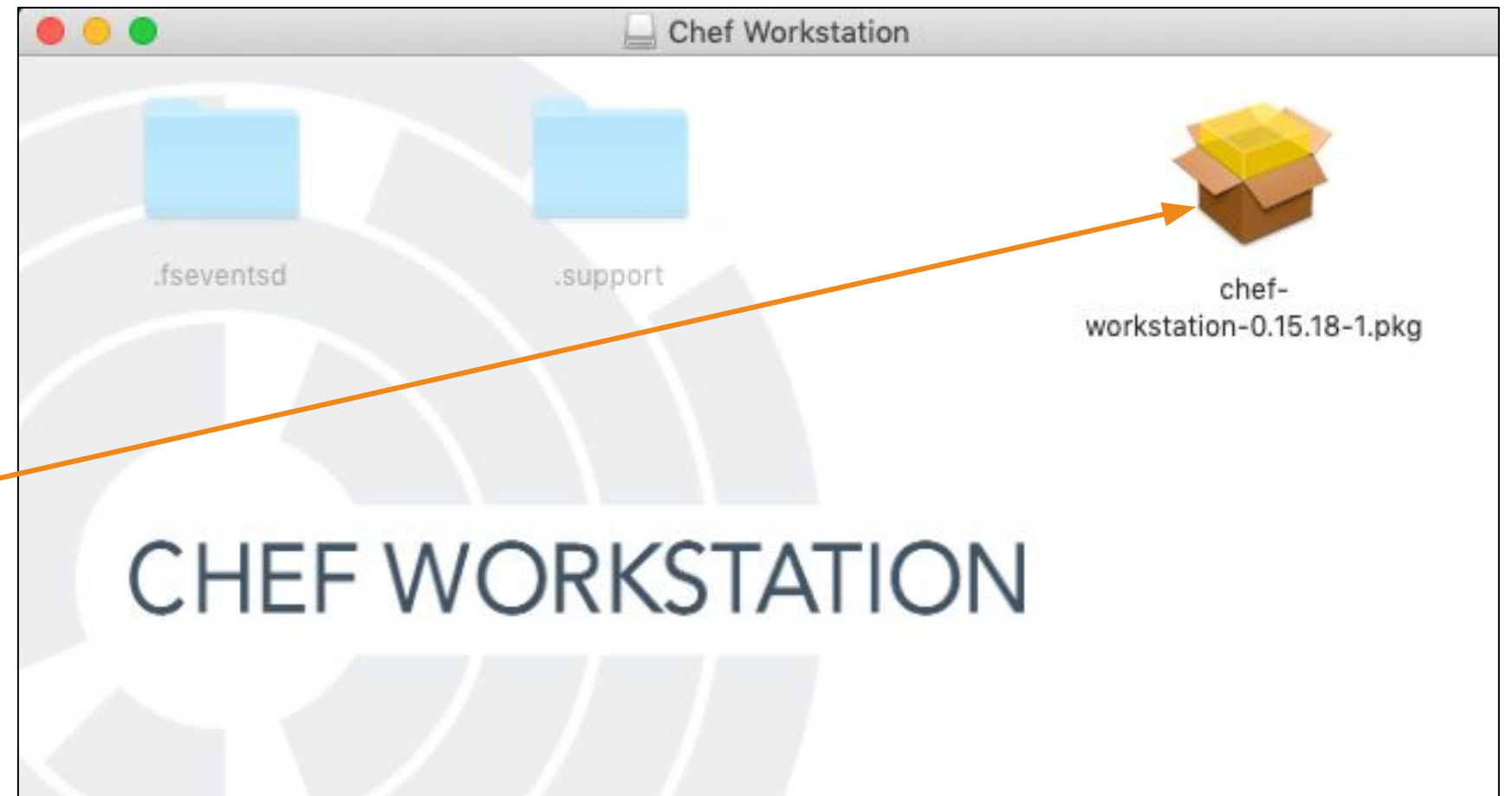
This course has been tested on **Chef Workstation version: 21.7.545** so please install that for your Selected Stable Version.

<https://downloads.chef.io/chef-workstation/stable/21.7.545>

GL: Installing Chef Workstation

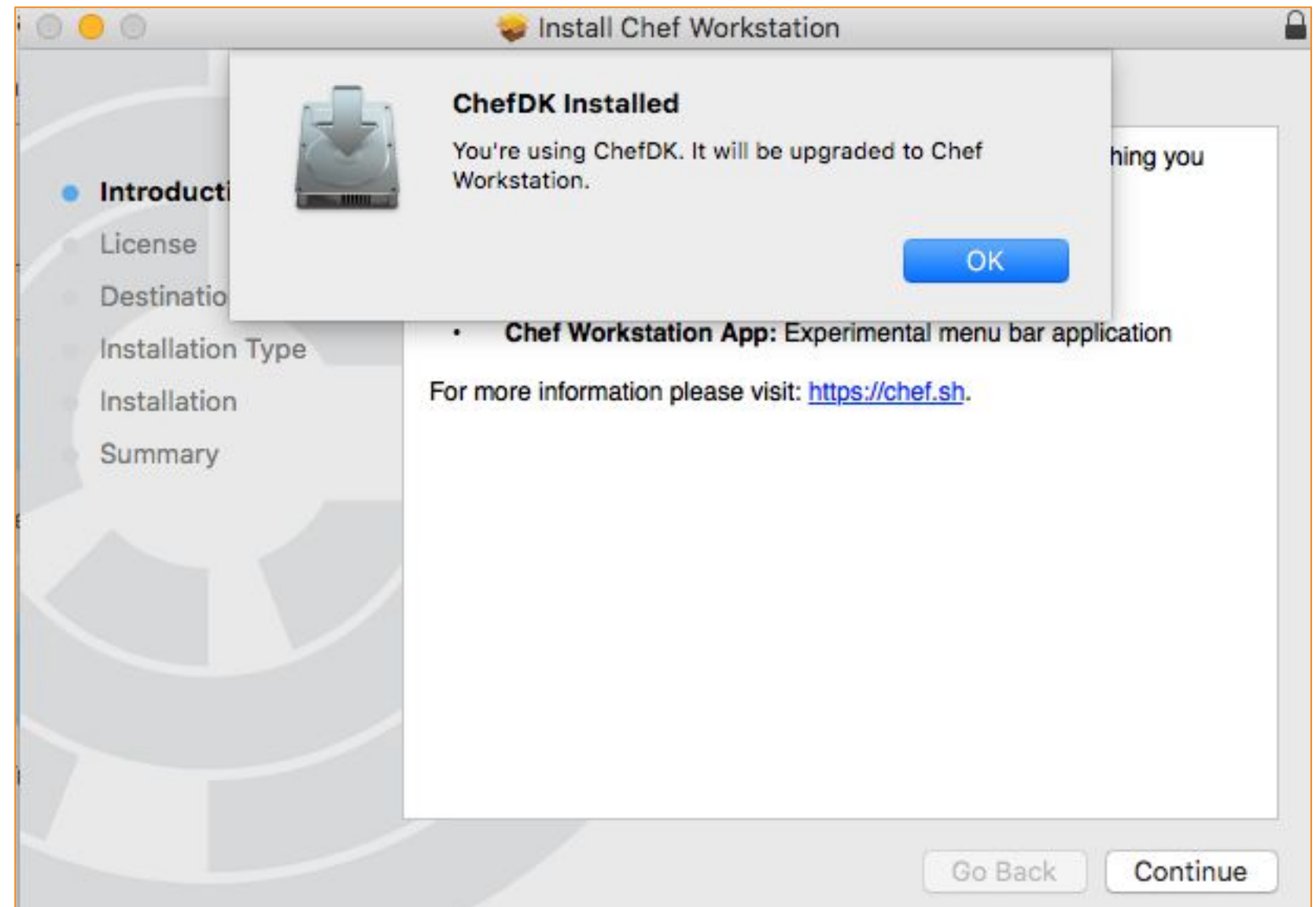
After it downloads, launch the installer.

Then double-click the Chef Workstation package.

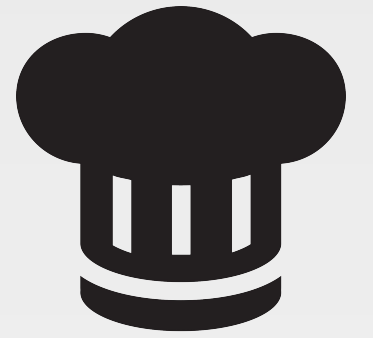


GL: Installing Chef Workstation

If you get this prompt, allow your old ChefDK to be upgraded to Chef Workstation.



EXERCISE



Installing the Chef Workstation

Installing the tools on your system

Objective:

- ✓ Install Chef Workstation
- ☐ Execute commands to ensure everything is installed
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GL: On Your Laptop Verify Installation of Chef Workstation



```
> chef --version
```

```
Chef Workstation version: 21.7.545  
Chef Infra Client version: 17.3.48  
Chef InSpec version: 4.38.9  
Chef CLI version: 5.3.1  
Test Kitchen version: 3.0.0  
Cookstyle version: 7.15.2
```

Lab: Accept All Chef Licenses on Your Laptop



```
$ sudo chef env
```

```
+-----+
      Chef License Acceptance

Before you can continue, 3 product licenses
must be accepted. View the license at
https://www.chef.io/end-user-license-agreement/

Licenses that need accepting:
  * Chef Workstation
  * Chef Infra Client
  * Chef InSpec

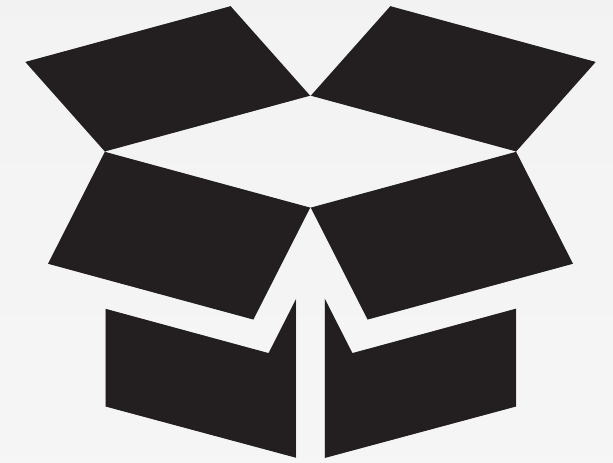
Do you accept the 3 product licenses (yes/no)?

> yes

Persisting 3 product licenses...
✓ 3 product licenses persisted.
```

CONCEPT

A Note About Chef Workstation

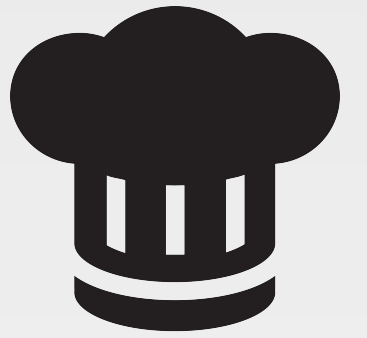


Chef Workstation comes with the new **chef-run** utility, which can be used to execute Chef code on any remote system accessible via SSH or WinRM. It is typically used for ad hoc tasks.

You can learn more about the chef-run utility at this link:

<https://www.chef.sh/about/chef-workstation/>

EXERCISE



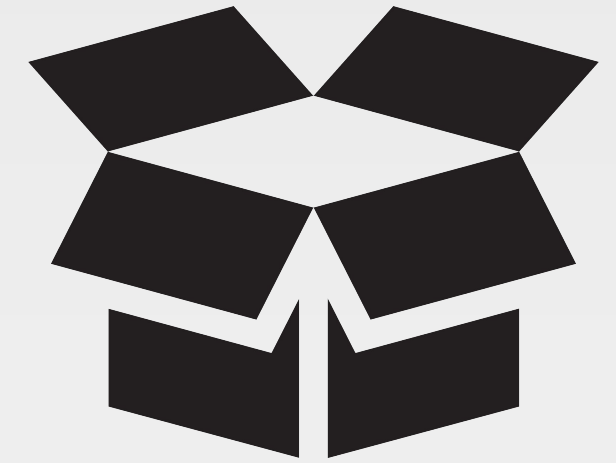
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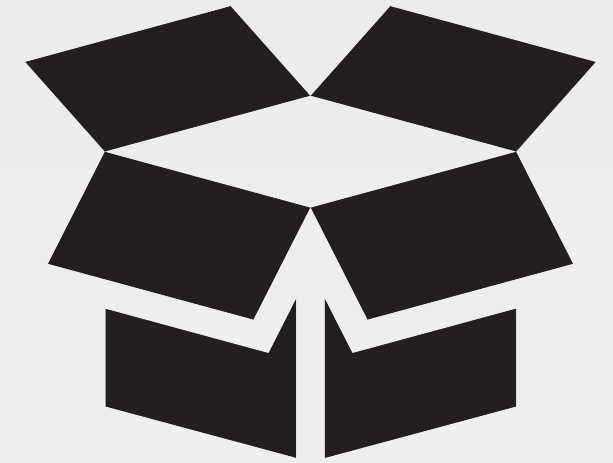


Text Editors

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>

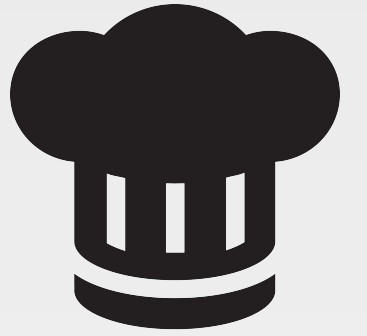
Visual Studio Code (VSC)

Visual Studio Code is a streamlined code editor with support for development operations like debugging, task running and version control. - <https://code.visualstudio.com/>

Sublime Text

A sophisticated text editor for code, markup and prose - <https://www.sublimetext.com/>

EXERCISE



Installing Tools

Installing the tools on your system

Objective:

- ✓ Install Chef Workstation
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DISCUSSION



Q&A

What questions can we answer for you?



CHEF™