Cookbooks
Organizing Recipes
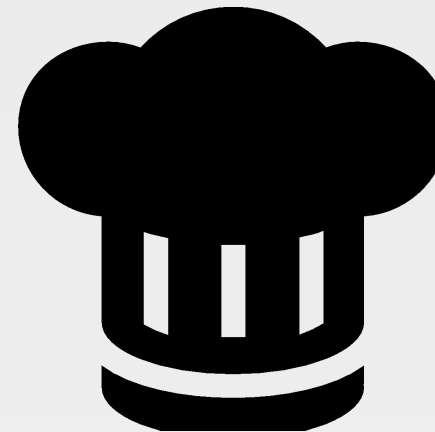
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Questions You May Have

1. Thinking about the workstation recipe, could we do something like that for a web server?

2. Is there a way to package up recipes you create with a version number (and maybe a README)?

3. I think `chef` is able to generate something called a cookbook. Shouldn't we start thinking about some version control so we don't lose all our hard work?

Objectives

After completing this module, you should be able to:

➢ Modify a recipe

➢ Use version control

➢ Generate a Chef cookbook

➢ Define a Chef recipe that sets up a web server

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GL: Create a Cookbook

How are we going to manage this file? Does it need a README?

Objective:

❏ Use chef to generate a cookbook

❏ Move the setup recipe into the new cookbook

❏ Add the new cookbook to version control

Cookbooks

A Chef cookbook is the fundamental unit of configuration and policy distribution.

Each cookbook defines a scenario, such as everything needed to install and configure MySQL, and then it contains all of the components that are required to support that scenario.

Read the first three paragraphs here: http://docs.chef.io/cookbooks.html

Cookbooks

- Recipes that specify the resources to use and the order in which they are to be applied
- Attribute values
- File distributions
- Templates
- Extensions to Chef, such as libraries, definitions, and custom resources
- Version Control

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Cookbooks

- Common Components
  a. README
  b. metadata
  c. recipes
  d. testing directories (spec + test)

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