



INTERMEDIATE

Introduce Yourself

Name

Current job role

Previous job roles / Background

Experience with Chef

Favorite Text Editor

Expectations

You will leave this class with the ability to extend the components of Cookbooks.

You bring with you your own domain expertise and problems. Chef is a framework for solving those problems. Our job is to teach you how to express solutions to your problems with Chef.

Expectations

Ask Me Anything: It is important that we answer your questions and set you on the path to be able to find more answers.

Break It: If everything works the first time go back and make some changes. Explore! Discovering the boundaries will help you when you continue on your journey.

Group Exercises, Labs, and Discussion

This course is designed to be hands on. You will run lots of commands, write lots of code, and express your understanding.

- **Group Exercises:** All participants and the instructor will work through the content together. The instructor will often lead the way and explain things as we proceed.
- **Lab:** You will be asked to perform the task on your own or in groups.
- **Discussion:** As a group we will talk about the concepts introduced and the work that we have completed.

Day 1

Introduction

Why Write Tests? Why is that Hard?

Writing a Test First

Refactoring Cookbooks with Tests

Faster Feedback with Unit Testing

Testing Resources in Recipes

Refactoring to Attributes

Refactoring to Multiple Platforms

Day 2

Approaches to Extending Resources

Why Use Custom Resources

Creating a Custom Resource

Refining a Custom Resource

Ohai

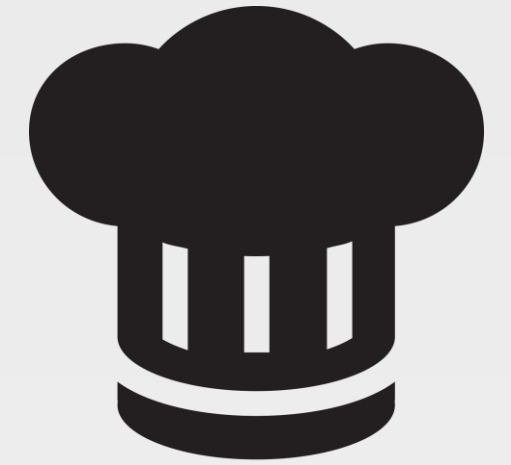
Ohai Plugins

Creating an Ohai Plugin

Tuning Ohai

EXERCISE

Pre-built Workstation



We will provide for you a workstation with all the tools installed.

Objective:

- ☐ Login to the Remote Workstation

Login to the Workstation

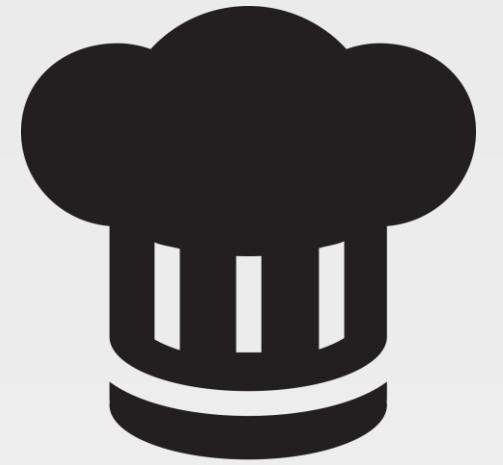


```
> ssh IPADDRESS -l USERNAME
```

```
The authenticity of host '54.209.164.144 (54.209.164.144)' can't  
be established.RSA key fingerprint is  
SHA256:tKoTsPbn6ER9BLThZqntXTxIYem3zV/iTQWvhLrBIBQ.Are you sure  
you want to continue connecting (yes/no)? yes  
chef@54.209.164.144's password: PASSWORD  
chef@ip-172-31-15-97 ~]$
```


EXERCISE

Pre-built Workstation



We will provide for you a workstation with all the tools installed.

Objective:

- ✓ Login to the Remote Workstation

DISCUSSION



Discussion

What topics are you most interested in learning?

What topics are missing that you want to learn about?

DISCUSSION



Q&A

What questions can we answer for you?



CHEF™
