# Chef, part 3 of 6: Templates and Resources

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**Meet the expert:** Robin has completed two B.A.'s in astronomy and physics and is a Certified Chef Developer. Currently he delivers in-person and virtual trainings in DevOps and produces educational content for online learning spaces. Robin continues delivering world-class trainings on DevOps and Cloud Automation technologies.

**Prerequisites:** Basic System Administration
Remote administration
Basic Unix command-line navigation

**Runtime:** 01:51:43

**Course description:** Chef takes the process of software deployment and converts it into code making managing your infrastructure smoother and more efficient. This course starts off with templates. A cookbook template is used to dynamically generate static text files and are a great way to manage configuration files. Then it covers remote file execution, users groups and notifications. Finally, how to solve problems and troubleshoot issues.

**Course outline:**

**Templates**
• Introduction
• Templates
• Exploring Templates
• ERB
• Templates Recipes
• Lab: Templates
• Summary

**Common Resources**
• Introduction
• Common Resources
• Cookbook File
• Remote File
• Execute
• User Group
• Notifications
• Summary

**Troubleshooting**
• Introduction
• Troubleshooting and Bonus Content
• Chef DK
• Chef DK Tools
• Debugging
• Breaking Stuff
• Summary