Jenkins Continuous Integration Cookbook

Alan Berg

Jenkins Continuous Integration Cookbook

 Alan Berg

Jenkins Continuous Integration Cookbook Alan Berg

Over 80 recipes to maintain, secure, communicate, test, build, and improve the software development process with Jenkins

Overview

- Explore the use of more than 40 best of breed plugins
- Use code quality metrics, integration testing through functional and performance testing to measure the quality of your software
- Get a problem-solution approach enriched with code examples for practical and easy comprehension

In Detail

Jenkins is a highly popular continuous integration server. Its correct use supports a quality software development process. Jenkins is great at finding issues in software early and communicating it to a wide audience. Jenkins is also easily extendable with a simple framework for writing plugins. Currently there are over 400 plugins available for inclusion.

Jenkins Continuous Integration Cookbook has over 80 recipes describing practical ways to use Jenkins and expanding its feature set by selective use of the best of breed plugins. Jenkins has a simple framework for writing plugins. There are over 400 plugins available. Therefore, it is easy to get lost in possibilities. Using practical recipes, this book will guide you through the complexities. The recipes are bundled into themes including security, maintainability, communication, building software, the valid use of code metrics, testing remotely, and writing your first plugin.

Jenkins Continuous Integration Cookbook includes problem solving and how to do recipes for many common and less common tasks. A wide range of topics are covered from integrating, securing, and maintaining Jenkins in your organization to writing your first extension.

The book begins with common maintenance tasks followed by securing Jenkins and enabling SSO. Then it explores the relationship between Jenkins builds and the Maven pom.xml. You will then learn ways to effectively communicate with various target audiences (developers, project managers, the public). You will then explore source code metrics with related recipes, and set up and run remote stress and functional tests. The book finally lists a series of 11 interesting plugins with a concluding recipe on how to create your first plugin.

What you will learn from this book

- Maintain and secure Jenkins
- Integrate Jenkins with LDAP and SSO solutions
- Run an integration server to fire automatic functional and performance tests
- Communicate through social media and plot custom data
- Skin Jenkins to your corporate look and feel
- Refine the use of code metrics to improve quality
- Write your first custom Jenkins plugin
- Apply several tweaks to optimize your use of Jenkins

Approach

This book provides a problem-solution approach to some common tasks and some uncommon tasks using Jenkins and is well-illustrated with practical code examples.

Who this book is written for

If you are a Java developer, software architect, technical project manager, build manager, or development or QA engineer, this book is for you. You should have a basic understanding of the Software Development Life Cycle and Java development, as well as a rudimentary understanding of Jenkins.

Download and Read Free Online Jenkins Continuous Integration Cookbook Alan Berg

---

From reader reviews:

Shirley Dildy:

Do you have favorite book? For those who have, what is your favorite's book? Guide is very important thing for us to know everything in the world. Each book has different aim or goal; it means that e-book has different type. Some people really feel enjoy to spend their a chance to read a book. They may be reading whatever they take because their hobby is definitely reading a book. What about the person who don't like examining a book? Sometime, man feel need book when they found difficult problem or exercise. Well, probably you should have this Jenkins Continuous Integration Cookbook.

Catherine Mejia:

Information is provisions for people to get better life, information currently can get by anyone from everywhere. The information can be a information or any news even restricted. What people must be consider when those information which is in the former life are challenging be find than now could be taking seriously which one is appropriate to believe or which one often the resource are convinced. If you obtain the unstable resource then you get it as your main information you will see huge disadvantage for you. All those possibilities will not happen with you if you take Jenkins Continuous Integration Cookbook as your daily resource information.

Jason Norfleet:

Do you have something that that suits you such as book? The e-book lovers usually prefer to decide on book like comic, brief story and the biggest some may be novel. Now, why not striving Jenkins Continuous Integration Cookbook that give your pleasure preference will be satisfied simply by reading this book. Reading habit all over the world can be said as the opportunity for people to know world far better then how they react when it comes to the world. It can't be said constantly that reading addiction only for the geeky man or woman but for all of you who wants to always be success person. So , for all of you who want to start examining as your good habit, you could pick Jenkins Continuous Integration Cookbook become your own personal starter.

Ruth Haddock:

Beside that Jenkins Continuous Integration Cookbook in your phone, it might give you a way to get closer to the new knowledge or information. The information and the knowledge you will got here is fresh from the oven so don't end up being worry if you feel like an aged people live in narrow community. It is good thing to have Jenkins Continuous Integration Cookbook because this book offers to you personally readable information. Do you at times have book but you rarely get what it's exactly about. Oh come on, that would not happen if you have this inside your hand. The Enjoyable agreement here cannot be questionable, just like treasuring beautiful island. Use you still want to miss that? Find this book along with read it from currently!

Download and Read Online Jenkins Continuous Integration Cookbook Alan Berg #7S2HJDA1TC6

Read Jenkins Continuous Integration Cookbook by Alan Berg for online ebook

Jenkins Continuous Integration Cookbook by Alan Berg Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Jenkins Continuous Integration Cookbook by Alan Berg books to read online.

Online Jenkins Continuous Integration Cookbook by Alan Berg ebook PDF download

Jenkins Continuous Integration Cookbook by Alan Berg Doc

Jenkins Continuous Integration Cookbook by Alan Berg Mobipocket

Jenkins Continuous Integration Cookbook by Alan Berg EPub