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Nota di contenuto	Cover; Copyright; Credits; About the Author; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1: Why Hudson?; Hudson benefits; Hudson can improve project health; Hudson can automate the build and deployment process; IT roles in relation to Hudson; Hudson plugins and integrations; The Hudson back story; Summary; Chapter 2: Installing and Running Hudson; Environment variables; Hudson prerequisites; Downloading Hudson; Running Hudson WAR without an application server; Unix/Linux installation; Tomcat installation and setup; Deploying Hudson to Tomcat JBoss AS 7 installation and setupDeploying Hudson to JBoss AS 7; GlassFish 4 installation and setup; Modifying GlassFish 4 settings; Deploying Hudson to GlassFish 4; Hudson CI Server initial setup; Hudson Home directory; Summary; Chapter 3: Configuring and Securing Hudson; Hudson home page; Hudson help; Configuring Hudson; Configuring the system; Configuring JDK; Configuring Ant; Configuring Maven; Configuring Hudson for sending e-mails; Backup Hudson; Configuring security; Hudson Authentication; Hudson Authorization; Defining a simple security policy; Summary Chapter 4: Installing and Developing Hudson PluginsWhat is a plugin?; Installing plugins; Installing the featured plugins; Installing the recommended plugins; Installing the other plugins; Plugin Configuration; The ThinBackup plugin; Configuring our backup strategy; Creating a Hudson plugin; Downloading and installing Apache Maven; Adding the Maven HPI plugin; Using JDK 1.6; Creating the

sample-plugin project; Structure of the sample-plugin project; Creating the sample-plugin HPI file; Running the sample-plugin project; Creating a sample job; What happened?; How did that happen? What else can I do?Deploying sample-plugin to our Hudson installation; The sample-plugin project source code on Github; Summary; Chapter 5: Building and Delivering with Hudson; Using Maven to build a sample project; Creating a free-style software job for the Maven job; Configuring Source Code Management for the Maven job; Configuring the build step for the Maven job; Saving the Maven job; Manually building the Maven job; The Hudson home directory structure; Using Gradle to build a sample project; Creating a free-style software job for the Gradle job
Configuring Source Code Management for the Gradle jobSaving the Gradle job; Manually building the Gradle job; Using Grails to build a sample project; Creating a free-style software job for the Grails job; Configuring Source Code Management for the Grails job; Installing the Grails Hudson 3 plugin; Downloading and configuring Grails; Configuring the build step for the Grails job; Saving the Grails Job; Manually building the Grails job; Deploying a WAR file to an application server; Installing ""Deploy to container Plugin"" and ""Copy Artifact Plugin""; Reconfiguring Tomcat
Configuring the Deploy build step

Sommario/riassunto

A practical guide, packed with illustrations, that will help you become proficient with Hudson and able to utilize it how you want.If you are a Java developer or administrator who would to like automate some of the mundane work required to build and test software and improve software quality, this is the book for you. If you are a development manager or tester, you can also benefit from learning how Hudson works by gaining some insight into test results and historical trends.
