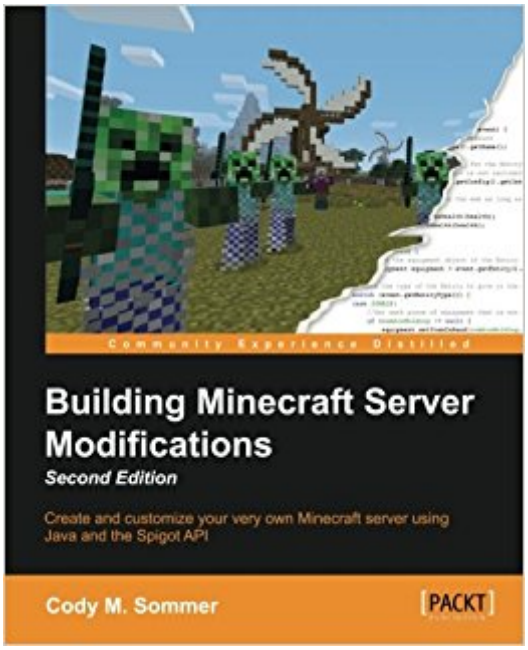
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Building Minecraft Server Modifications - Second Edition



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Synopsis

Key FeaturesSet up a Minecraft server that you controlUse object-oriented programming to modify Minecraft regardless of your level of experienceThis interactive guide will help you create a unique experience for you and your friendsBook DescriptionMinecraft is a sandbox game that allows you to play it in any way you want. Coupled with a multiplayer server powered by Spigot, you can customize the game even more! Using the Bukkit API, anyone interested in learning how to program can control their Minecraft world by developing server plugins.This book is a great introduction to software development through the wonderful world of Minecraft.We start by instructing you through how to set up your home PC for Minecraft server development. This includes an IDE complete with the required libraries as well as a Spigot server to test on. You will be guided through writing code for several different plugins. Each chapter teaches you new skills to create plugins of increasing complexity, and each plugin adds a new concept of the Bukkit API By the end of the book, you will have all the knowledge you need about the API to successfully create any type of plugin. You can then practice and build your Java skills through developing more mods for their server.What you will learnInstall and run a Spigot server for free on your home PCAdjust the server settings to customize Minecraft to your likingInstall an IDE and configure a project to write codeInstall and test plugins on a Spigot serverTest your plugins through debugging the codeProgram in game commands and permissionsGet to know advanced programming concepts such as event-driven programming, configuration files, saving/loading data, and scheduled tasksImplement configuration files to make your plugins customizableSave and load your plugin’s data to persist across server restartsAbout the AuthorCody M. Sommer graduated from SUNY Brockport with a bachelor’s degree in computer science. During his time in college, he practiced his Java techniques by writing code for Bukkit plugins. The Bukkit project provided Cody with a fun way to develop software and continue to learn new things. After a few years, Cody authored the first edition of Building Minecraft Server Modifications in order to share his knowledge with the world. To this day, he creates new and exciting plugins for Minecraft servers. Cody has developed public plugins that are available for download, such as PhatLoots. He is also a private developer for servers such as ProspectMC. He even makes custom plugins for Minecraft events, which are hosted by him at his local library.Table of ContentsDeploying a Spigot ServerLearning the Bukkit APICreating Your First Bukkit PluginTesting on the Spigot ServerPlugin CommandsPlayer PermissionsThe Bukkit Event SystemMaking Your Plugin ConfigurableSaving Your DataThe Bukkit Scheduler

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Customer Reviews

Cody M. Sommer Cody M. Sommer graduated from SUNY Brockport with a bachelor's degree in computer science. During his time in college, he practiced his Java techniques by writing code for Bukkit plugins. The Bukkit project provided Cody with a fun way to develop software and continue to learn new things. After a few years, Cody authored the first edition of Building Minecraft Server Modifications in order to share his knowledge with the world. To this day, he creates new and exciting plugins for Minecraft servers. Cody has developed public plugins that are available for download, such as PhatLoots. He is also a private developer for servers such as ProspectMC. He even makes custom plugins for Minecraft events, which are hosted by him at his local library.

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