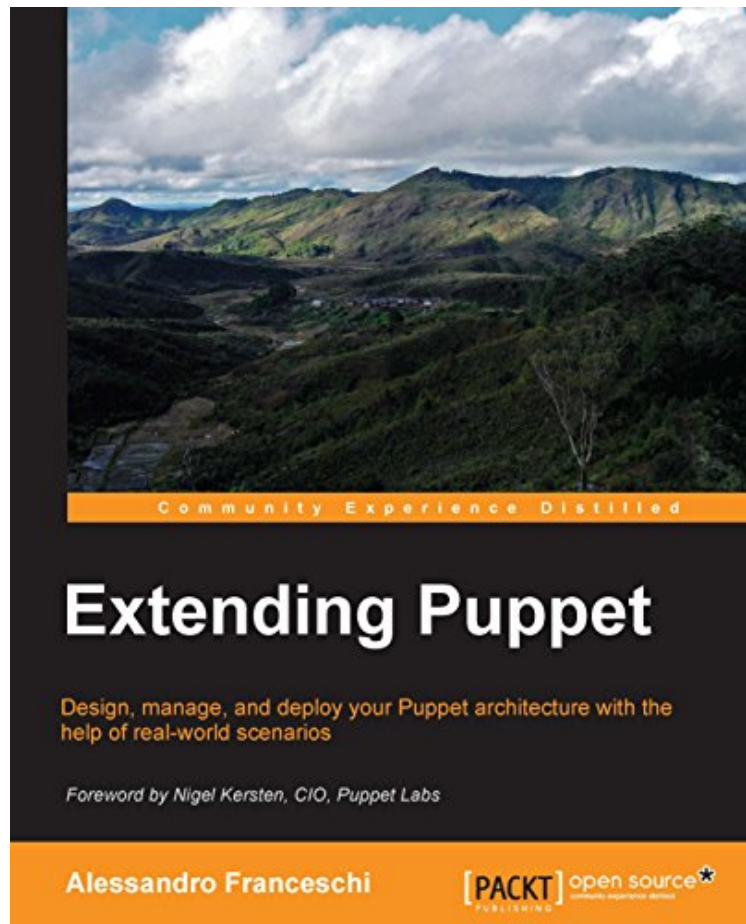


# Extending Puppet

Von Alessandro Franceschi

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**Von Alessandro Franceschi : Extending Puppet** before purchasing it in order to gage whether or not it would be worth my time, and all praised Extending Puppet:

KurzbeschreibungDesign, manage, and deploy your Puppet architecture with the help of real-world scenariosAbout This BookPlan, test, and execute your Puppet deploymentsWrite reusable and maintainable Puppet codeHandle challenges that might arise in upcoming versions of PuppetExplore the Puppet ecosystem in-depth, through a hands-on, example driven approachWho This Book Is ForThis book is designed for users who already have good experience with Puppet, and will surprise experienced users with innovative topics that explore how to design, implement, adapt, and deploy a Puppet architecture. The key to extending Puppet is the development of types and providers, for which

you must be familiar with Ruby. What You Will Learn Use Puppet to manage network, cloud, and virtualization devices Become a Hiera and PuppetDB power user Study the different approaches to Puppet architecture design Master the art of writing and maintaining reusable modules Explore strategies and patterns on how to introduce Puppet automation Manage and test a Puppet code workflow Design scalable Puppet infrastructures

**In Detail** Puppet has changed the way we manage our systems, but Puppet itself is changing and evolving, as are the ways in which we use it. A clear, updated, practical, and focused view of the current state of the technology and the evolution of Puppet is what we need to tackle our IT infrastructure challenges and avoid common errors when designing our architectures. This is a detailed, practical book that covers the different components of the Puppet ecosystem and explores how to use them to deploy and manage different kinds of IT infrastructures. Updated with the most recent trends and best practices, this book gives you a clear view on how to "connect the dots" and expands your understanding to successfully use and extend Puppet.

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**About This Book** Plan, test, and execute your Puppet deployments Write reusable and maintainable Puppet code Handle challenges that might arise in upcoming versions of Puppet Explore the Puppet ecosystem in-depth, through a hands-on, example driven approach

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**What You Will Learn** Use Puppet to manage network, cloud, and virtualization devices Become a Hiera and PuppetDB power user Study the different approaches to Puppet architecture design Master the art of writing and maintaining reusable modules Explore strategies and patterns on how to introduce Puppet automation Manage and test a Puppet code workflow Design scalable Puppet infrastructures

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**ber den Autor und weitere Mitwirkende** Alessandro Franceschi Alessandro Franceschi is a freelance Puppet and DevOps consultant. Surviving IT battlegrounds since 1995, he has worked as an entrepreneur, web developer, trainer, and system and network administrator. He has been using Puppet since 2007, automating a remarkable amount of customers' infrastructures of different sizes, natures, and complexities. He has attended several PuppetConf and Puppet Camps as a speaker and participant, always enjoying the vibrant and friendly community, learning something new each time. During the following years, he started to publish his Puppet code, trying to make it reusable in different scenarios. The result of this work is the Example42 Puppet modules set, a widely used collection of modules based on reusability principles and with some optional, opinionated twists to automate firewalling, monitoring, systems' inventory, and application deployments. For more information on Example42 modules, visit [www.example42.com](http://www.example42.com). His Twitter handle is @alvagante.