

1. Record Nr.	UNINA9910464606603321
Autore	Franceschi Alessandro
Titolo	Extending puppet : design, manage, and deploy your puppet architecture with the help of real-world scenarios // Alessandro Franceschi ; foreword by Nigel Kersten ; cover image by Alessandro Franceschi
Pubbl/distr/stampa	Birmingham, [England] : , : Packt Publishing, , 2014 ©2014
ISBN	1-78398-145-8
Edizione	[1st edition]
Descrizione fisica	1 online resource (328 p.)
Collana	Community Experience Distilled
Disciplina	005.15
Soggetti	Software configuration management Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Cover; Copyright; Credits; Foreword; About the Author; Acknowledgments; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1: Puppet Essentials; The Puppet ecosystem; Why configuration management matters; Puppet components; Installation and configuration; Puppet in action; Resources; The resource abstraction layer; Nodes; Classes and defines; Class inheritance; Resource defaults; Resource references; Variables, facts, and scopes; System's facts; User variables in Puppet DSL; User variables in an ENC; User variables in Hiera; Puppet's built-in variables A variable's scope Meta parameters; Managing order and dependencies; Run stages; Reserved names and allowed characters; Conditionals; Comparison operators; The In operator; Expressions combinations; Exported resources; Virtual resources; Modules; The paths of a module and autoloading; ERB templates; Summary; Chapter 2: Hiera; Installing and configuring Hiera; Global settings; Backend-specific settings; The hiera.yaml examples; Working with the command line on a YAML backend; Using Hiera in Puppet; Dealing with hashes in the Puppet code; Puppet 3 automatic parameter lookup Evolving usage patterns for class parameters Additional Hiera backends; The hiera-file backend; The hiera-gpg backend; The hiera-eyaml

backend; The hiera-http and hiera-mysql backends; Using Hiera as an ENC; Summary; Chapter 3: PuppetDB; Installation and configuration; PuppetDB configurations; The init script configuration; Configuration settings; Logging configuration; Configurations on the Puppet Master; Dashboards; PuppetDB performance dashboard; Puppetboard - query PuppetDB from the web; The PuppetDB API; Querying PuppetDB (Read); The PuppetDB commands (Write)  
Querying PuppetDB for fun and profit  
The /facts endpoint; The /resources endpoint; The /nodes endpoint; The /catalogs endpoint; The /facts-names endpoint; The /metrics endpoint; The /reports endpoint; The /events endpoint; The /event-counts endpoint; The /aggregated-event-counts endpoint; The /server-time endpoint; The /version endpoint; The puppetdbquery module; Query format; Query from the command line; Query from Puppet manifests; The PuppetDB Hiera backend; How Puppet code may change in the future; Summary; Chapter 4: Designing Puppet Architectures; The components of Puppet architecture  
Definition of the classes to include in each node  
Definition of the parameters to use for each node; Definition of the configuration files provided to the nodes; Definition of custom resources and classes; The Foreman; Roles and profiles; The data and the code; Sample architectures; The default approach; Basic ENC, logic in the site module, Hiera backend; The Foreman and Hiera; The Hiera-based setup; The Hiera-only setup; Foreman smart variables; Fact-driven truths; Nodeless site.pp; Node inheritance done right; Summary; Chapter 5: Using and Writing Reusable Modules  
The evolution of modules' layouts

---

## Sommario/riassunto

This book is a clear, detailed and practical guide to learn about designing and deploying your puppet architecture, with informative examples to highlight and explain concepts in a focused manner. This 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.

---

2. Record Nr.	UNINA9910447243203321
Titolo	e-Learning, e-Education, and Online Training : 6th EAI International Conference, eLEOT 2020, Changsha, China, June 20-21, 2020, Proceedings, Part I // edited by Shuai Liu, Guanglu Sun, Weina Fu
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-63952-5
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XV, 388 p. 143 illus., 29 illus. in color.)
Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 339
Disciplina	929.374
Soggetti	Education - Data processing Social sciences - Data processing Application software Computer engineering Computer networks Computers and Education Computer Application in Social and Behavioral Sciences Computer and Information Systems Applications Computer Engineering and Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Analysis of the Conflict Model of Education and Culture in China and Britain Based on Deep Learning -- The information grading management system of college students based on deep learning -- Teaching quality evaluation method based on multilayer feedforward neural network -- Research on Planning Methods of Students' Professional Development Trajectory Based on Big Data Forecast -- Interactive Design and Application of 2-3.5-year-old Preschool Education IH5 Web Page based on Cloud -- Research on the Dimensions of Art Design Education in Taiwan Shih Chien University -- Study on Teaching of Engineering Design Course with 3D Modeling Software and 3D Printer in International Training Course -- The Integrated Design of 'Industry-university-researchapplication-

cultivation' Based on the Course of "Mechanical Design Foundation" in Higher Vocational Colleges -- An Investigation of Intercultural Communicative Competence among Master' graduate Students of Non-English Major in Content-based English Instruction -- New Generation Information Technology in Education 34 Application of BIM in the Course of Subgrade Construction Technology -- On the Evolution of Knowledge Graph Abroad and Its Application in Intelligent Education -- Effectiveness Evaluation of Network Security Knowledge Training Based on Machine Learning -- Based on the big data program language learning website generation system -- Evaluation model of aquaculture robot technology research project based on machine learning -- Research on the application of artificial intelligence technology in the quality evaluation of experiential physical education -- Encryption and compression storage method of educational resources based on complex network and big data analysis -- High-quality extraction method of education resources -- Design of Computer-aided Course Teaching Control System Based on Supervised Learning Algorithm Research on the finite element analysis of the sealing property of the piston used in automobile Teaching -- Research on multi-agent robot behavior learning based on fuzzy neural network -- Game model of regional education and economic development based on association rule mining algorithm -- Automatic detection of image features in basketball shooting teaching based on Artificial Intelligence -- Design of Higher Education Aided Teaching System Based on Analysis of Economic Coupling Coordination Degree -- Research on the Optimization of the Allocation of Educational Resources in Modern History Based on Demand Features -- Design of learning feedback system of sports training based on big data analysis -- Design of electrical remote control teaching system based on Intelligent ubiquitous learning network model -- Research on the Integrated Mode of Ideological and Political Education in Colleges and Universities Based on Multivariate Data Analysis -- Simulation training remote control system of industrial robot based on deep learning -- Knowledge training system of urban pest control based on big data analysis -- Research on Educational Data Mining Based on Big Data -- Research on DINA Model in Online Education Design of Data-Driven Visualization Teaching System for Preschool Basketball Courses -- Design of distance multimedia physical education teaching platform based on artificial intelligence technology -- Research on 3D Printing and its Application in CAD Teaching -- Research on the Application of Blockchain Technology in Intangible Cultural Heritage Creative Design and Teaching -- Semantic Retrieval Method of UK Education Resource Metadata in Hierarchical Cloud P2P Network.

---

### Sommario/riassunto

This 2-volume set constitutes the proceedings of the 6th International Conference on e-Learning, e-Education, and Online Training, eLEOT 2020, held in Changsha, China, in June 2020. The conference was held virtually due to the COVID-19 pandemic. The 68 full papers presented were carefully reviewed and selected from 141 submissions. They focus on most recent and innovative trends and new technologies in for educational modernization, such as artificial intelligence and big data. The theme of eLEOT 2020 was "Education with New Generation Information Technology".

---