Freeswitch

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FreeSWITCH 1.2 FreeSWITCH 1.8 Freeswitch Cookbook Mastering FreeSWITCH FreeSWITCH 1.6 Cookbook *Anthony Minessale Anthony Minessale II Anthony Minessale Anthony Minessale II Anthony Minessale II*

this book is full of practical code examples aimed at a beginner to ease his or her learning curve this book is written for it professionals and enthusiasts who are interested in quickly getting a powerful telephony system up and running using the free and open source application freeswitch telephony experience will be helpful but not required

build a robust high performance telephony system with freeswitch about this book learn how to install and configure a complete telephony system of your own from scratch using freeswitch 1 6 get in depth discussions of important concepts such as dialplan user directory nat handling and the powerful freeswitch event socket discover expert tips from the freeswitch experts including the creator of freeswitch anthony minessale who this book is for this book is for beginner level it professionals and enthusiasts who are interested in quickly getting a powerful telephony system up and running using freeswitch it would be good if you have some telephony experience but it s not a must what you will learn build a complete webrtc sip voip platform able to interconnect and process audio and video in real time use advanced pbx features to create powerful dialplans understand the inner workings and architecture of freeswitch real time configuration from database and webserver with mod xml curl integrate browser clients into your telephony service use scripting to go beyond the dialplan with the power and flexibility of a programming language secure your freeswitch connections with the help of effective techniques deploy all freeswitch features using best practices and expert tips overcome frustrating nat issues control freeswitch remotely with the all powerful event socket trace packets check debug logging ask for community and commercial help in detail freeswitch is an open source telephony platform designed to facilitate the creation of voice and chat driven products scaling from a soft phone to a pbx and even up to an enterprise class soft switch this book introduces freeswitch to it professionals who want to build their own telephony system this book starts with a brief introduction to the latest version of freeswitch we then move on to the fundamentals and the new features added in version 1 6 showing you how to set up a basic system so you can make and receive phone calls make calls between extensions and utilize basic pbx functionality once you have a basic system in place we ll show you how to add more and more functionalities to it you ll learn to deploy the features on the system using unique techniques and tips to make it work better also there are changes in the security related components which will affect the content in the book so we will make that intact with the latest version there are

new support libraries introduced such as sqlite openss and more which will make freeswitch more efficient and add more functions to it we ll cover these in the new edition to make it more appealing for you style and approach this easy to follow guide helps you understand every topic easily using real world examples of freeswitch tasks this book is full of practical code so you get a gradual learning curve

this is a problem solution approach to take your freeswitch skills to the next level where everything is explained in a practical way if you are a system administrator hobbyist or someone who uses freeswitch on a regular basis this book is for you whether you are a freeswitch expert or just getting started this book will take your skills to the next level

master the art of advanced voip and webrtc communication with the most dynamic application server freeswitch about this book forget the hassle make freeswitch work for you discover how freeswitch integrates with a range of tools and apis from high availability to ivr development use this book to become more confident with this useful communication software who this book is for sysadmins voip engineers whoever you are whatever you re trying to do this book will help you get more from freeswitch what you will learn get to grips with the core concepts of freeswitch learn freeswitch high availability work with sip profiles gateways itsps and codecs optimization implement effective security on your projects master audio manipulation and recording discover how freeswitch works alongside webrtc build your own complex ivr and pbx applications connect directly to pstn tdm create your own freeswitch module trace sip packets with the help of best open source tools implement homer sipcapture to troubleshoot and debug all your platform traffic in detail freeswitch is one of the best tools around if you re looking for a modern method of managing communication protocols through a range of different media from real time browser communication with the webrtc api to implementing voip voice over internet protocol with freeswitch you re in full control of your projects this book shows you how to unlock its full potential more than just a tutorial it s packed with plenty of tips and tricks to make it work for you written by members of the team who actually helped build freeswitch it will guide you through some of the newest features of version 1 6 including video transcoding and conferencing find out how freeswitch interacts with other tools and apis learn how to tackle common and not so common challenges ranging from high availability to ivr development and programming advanced pbxs great communication functionality begins with freeswitch find out how and get your project up and running today style and approach find out how it works then put your knowledge into practice that s how this advanced freeswitch guide has been designed to help you learn you ll soon master freeswitch and be confident using it in your projects

freeswitch is an open source carrier grade telephony platform designed to facilitate the creation of voice chat and video applications via phones and web browsers it is scalable carrier ready and easy to program for converged communication and voip the technology serves sip webrtc pstn fax pbx verto and all the relevant channels essential to stay connected in today s world in the freeswitch 1 6 cookbook members of the freeswitch development team share some of their hard earned knowledge with you use this knowledge to improve and expand your freeswitch installations

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