Voice Application Development for Android

Michael F. McTear, Zoraida Callejas

[Click here](#) if your download doesn"t start automatically

Voice Application Development for Android

Michael F. McTear, Zoraida Callejas

Voice Application Development for Android Michael F. McTear, Zoraida Callejas

A practical guide to develop advanced and exciting voice applications for Android using open source software

Overview

- A comprehensive guide containing all the best practices for voice application development for Android
- Progress quickly from basic apps to more advanced topics
- Written in an easy-to-follow style with detailed descriptions of the included code examples to help you learn quickly and efficiently
- You can download the updated code here

In Detail

Speech technology has been around for some time now. However, it has only more recently captured the imagination of the general public with the advent of personal assistants on mobile devices that you can talk to in your own language. The potential of voice apps is huge as a novel and natural way to use mobile devices.

Voice Application Development for Android is a practical, hands-on guide that provides you with a series of clear, step-by-step examples which will help you to build on the basic technologies and create more advanced and more engaging applications. With this book, you will learn how to create useful voice apps that you can deploy on your own Android device in no time at all.

This book introduces you to the technologies behind voice application development in a clear and intuitive way. You will learn how to use open source software to develop apps that talk and that recognize your speech. Building on this, you will progress to developing more complex apps that can perform useful tasks, and you will learn how to develop a simple voice-based personal assistant that you can customize to suit your own needs.

For more interesting information about the book, visit **http://lsi.ugr.es/zoraida/androidspeechbook**.

What you will learn from this book

- Use text-to-speech synthesis so that your device can talk to you
- Enable your device to recognize your speech
- Create simple voice interactions to get information and carry out commands
- Develop a voice app that engages in a dialogue with you to collect the information required to perform a transaction
- Use grammars to enable your app to understand the meaning behind your words
- Make use of different languages in your apps
- Add multimodal interaction to your apps as an alternative to speech
- Build a voice-based personal assistant using an open source development platform for chatbots

Approach

This book will give beginners an introduction to building voice-based applications on Android. It will begin by covering the basic concepts and will build up to creating a voice-based personal assistant. By the end of this book, you should be in a position to create your own voice-based applications on Android from scratch in next to no time.

Who this book is written for

Voice Application Development for Android is for all those who are interested in speech technology and for those who, as owners of Android devices, are keen to experiment with developing voice apps for their devices. It will also be useful as a starting point for professionals who are experienced in Android application development but who are not familiar with speech technologies and the development of voice user interfaces. Some background in programming in general, particularly in Java, is assumed.

Download and Read Free Online Voice Application Development for Android Michael F. McTear, Zoraida Callejas

From reader reviews:

Enrique McLean:

Why don't make it to be your habit? Right now, try to ready your time to do the important action, like looking for your favorite e-book and reading a reserve. Beside you can solve your condition; you can add your knowledge by the book entitled Voice Application Development for Android. Try to face the book Voice Application Development for Android as your close friend. It means that it can to get your friend when you experience alone and beside that course make you smarter than in the past. Yeah, it is very fortuned for you personally. The book makes you far more confidence because you can know everything by the book. So , we should make new experience as well as knowledge with this book.

Shannon Blackshear:

This Voice Application Development for Android book is absolutely not ordinary book, you have after that it the world is in your hands. The benefit you receive by reading this book is actually information inside this book incredible fresh, you will get facts which is getting deeper you actually read a lot of information you will get. This specific Voice Application Development for Android without we recognize teach the one who reading it become critical in contemplating and analyzing. Don't always be worry Voice Application Development for Android can bring whenever you are and not make your tote space or bookshelves' become full because you can have it in your lovely laptop even phone. This Voice Application Development for Android having good arrangement in word along with layout, so you will not truly feel uninterested in reading.

Lou Bryant:

The reserve with title Voice Application Development for Android has a lot of information that you can understand it. You can get a lot of advantage after read this book. This kind of book exist new know-how the information that exist in this book represented the condition of the world right now. That is important to yo7u to know how the improvement of the world. This kind of book will bring you within new era of the glowbal growth. You can read the e-book on the smart phone, so you can read that anywhere you want.

Joyce Williams:

You may get this Voice Application Development for Android by look at the bookstore or Mall. Only viewing or reviewing it might to be your solve difficulty if you get difficulties to your knowledge. Kinds of this e-book are various. Not only simply by written or printed but in addition can you enjoy this book simply by e-book. In the modern era like now, you just looking because of your mobile phone and searching what your problem. Right now, choose your ways to get more information about your book. It is most important to arrange you to ultimately make your knowledge are still revise. Let's try to choose proper ways for you.

Download and Read Online Voice Application Development for Android Michael F. McTear, Zoraida Callejas #JC9NOV1AQ2S

Read Voice Application Development for Android by Michael F. McTear, Zoraida Callejas for online ebook

Voice Application Development for Android by Michael F. McTear, Zoraida Callejas Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Voice Application Development for Android by Michael F. McTear, Zoraida Callejas books to read online.

Online Voice Application Development for Android by Michael F. McTear, Zoraida Callejas ebook PDF download

Voice Application Development for Android by Michael F. McTear, Zoraida Callejas Doc

Voice Application Development for Android by Michael F. McTear, Zoraida Callejas Mobipocket

Voice Application Development for Android by Michael F. McTear, Zoraida Callejas EPub