

Build Android Apps
with Python



Pro
Android Python
with SL4A

Paul Ferrill

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Pro Android Python With Sl4a

Jeff Friesen, Dave Smith



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full range of Python modules that can combine with the Android SDK You'll learn to write small location aware apps to get you started but by the end of this book you'll find yourself writing fully GUI fied applications running on the Android desktop

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animation frameworks Store and retrieve persistent data in files and embedded databases Access RESTful web services with JSON and other formats Test and troubleshoot individual components and your entire application **Android Recipes** Jeff Friesen,Dave Smith,2011-08-04 Android continues to be one of the leading mobile OS and development platforms driving today s mobile innovations and the apps ecosystem Android appears complex but offers a variety of organized development kits to those coming into Android with differing programming language skill sets Android Recipes A Problem Solution Approach guides you step by step through a wide range of useful topics using complete and real world working code examples In this book you ll start off with a recap of Android architecture and app fundamentals and then get down to business and build an app with Google s Android SDK at the command line and Eclipse Next you ll learn how to accomplish practical tasks pertaining to the user interface communications with the cloud device hardware data persistence communications between applications and interacting with Android itself Finally you ll learn how to leverage various libraries and Scripting Layer for Android SL4A to help you perform tasks more quickly how to use the Android NDK to boost app performance and how to design apps for performance responsiveness seamlessness and more Instead of abstract descriptions of complex concepts in Android Recipes you ll find live code examples When you start a new project you can consider copying and pasting the code and configuration files from this book then modifying them for your own customization needs This can save you a great deal of work over creating a project from scratch **Android Recipes** Dave Smith,Jeff Friesen,2013-01-30 Android continues to be one of the leading mobile OS and development platforms driving today s mobile innovations and the apps ecosystem Android appears complex but offers a variety of organized development kits to those coming into Android with differing programming language skill sets Android Recipes A Problem Solution Approach Second Edition offers more than 100 down to earth code recipes and guides you step by step through a wide range of useful topics using complete and real world working code examples It s updated to include the Jelly Bean Android SDK as well as earlier releases Instead of abstract descriptions of complex concepts in Android Recipes you ll find live code examples When you start a new project you can consider copying and pasting the code and configuration files from this book then modifying them for your own customization needs Crammed with insightful instruction and helpful examples this second edition of Android Recipes is your guide to writing apps for one of today s hottest mobile platforms It offers pragmatic advice that will help you get the job done quickly and well This can save you a great deal of work over creating a project from scratch *Beginning Android Tablet Programming* Robbie Matthews,2012-02-01 Beginning Android Tablet Programming starts off by showing how to get your system ready for Android tablet programming You won t need any previous Android experience because you ll learn all about the basic structure of an Android program and how the Android operating system works and then you ll learn how to write your first Android tablet application from scratch Beginning Android Tablet Programming then equips you to build a set of interesting and fully working Android tablet applications These projects will give you the inspiration and

insights to build your own Android programs in the future You ll be introduced to 2D programming and you ll see what you can do with a touch screen interface and the Honeycomb SDK Of course 3D programming is even more alluring for many programmers If that includes you you ll learn about how Honeycomb has changed the game for Android graphics programming and get your first taste of 3D programming on an Android tablet Lights camera action You ll learn along the way how Android Honeycomb gives you access through your programming to all those interesting sensors that tablet computers are equipped with today beyond the touch screen itself You ll learn for example how you to use a tablet GPS sensor to locate your car You ll also discover how you can access files on your tablet or on the web through programming and then build on that insight to create your own file browser application This Android project contains many useful coding techniques appropriate for many situations you might encounter in your future programming Android tablet applications you ll be glad to have them under your belt So do you want to write programs that can receive and send reminder messages via SMS Do you want to write your first 2D or 3D game on Android Perhaps you d like to write an application that sorts out all your contacts for you Beginning Android TabletProgramming introduces you to Android tablet programming and shows how you can program your Android tablet from scratch to do what you want

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Pro Android Python With Sl4a Introduction

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