

VISUAL QUICKSTART GUIDE



Python

Third Edition



TOBY DONALDSON

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Python Visual Quickstart Guide Toby Donaldson

Toby Donaldson



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Python Toby Donaldson,2013-06-27 Python is a remarkably powerful dynamic programming language used in a wide variety of situations such as Web database access desktop GUIs game and software development and network programming Fans of Python use the phrase batteries included to describe the standard library which covers everything from asynchronous processing to zip files The language itself is a flexible powerhouse that can handle practically any application domain This task based tutorial on Python is for those new to the language and walks you through the fundamentals You ll learn about arithmetic strings and variables writing programs flow of control functions strings data structures input and output and exception handling At the end of the book a special section walks you through a longer realistic application tying the concepts of the book together *Python: Visual QuickStart Guide, Second Edition* Toby Donaldson,2008

FUNDAMENTALS OF OPEN SOURCE SOFTWARE M. N. RAO,2014-09-16 Free Open Source Software have been growing enormously in the field of information technology Open Source Software OSS is a software whose source code is accessible for alteration or enrichment by other programmers This book gives a detailed analysis of open source software and their fundamentals and so is meant for the beginners who want to learn and write programs using Open Source Software It also educates on how to download and instal these open source free software in the system The topics covered in the book broadly aims to develop familiar Open Source Software OSS associated with database web portal and scientific application development Software platforms like Android MySQL PHP Python PERL Grid Computing and Open Source Cloud and their applications are explained through various examples and programs The platforms like OSS and Linux are also introduced in the book Recapitulation given at the end of each chapter enables the readers to take a quick revision of the topics Numerous examples in the form of programs are given to enable the students to understand the theoretical concepts and their applicative knowledge The book is an introductory textbook on Open Source Software OSS for the undergraduate students of Computer Science Engineering CSE and postgraduate students of Computer Application MCA Salient Features The procedure for installing software Linux Android PHP MySQL Perl and Python both in Linux and Windows operating systems are discussed in the book Numerous worked out example programs are introduced Inclusion of several questions drawn from previous question papers in chapter end exercises *Programming the Raspberry Pi: Getting Started with Python* Simon Monk,2012-10-30 Program your own Raspberry Pi projects Create innovative programs and fun games on your tiny yet powerful Raspberry Pi In this book electronics guru Simon Monk explains the basics of Raspberry Pi application development while providing hands on examples and ready to use scripts See how to set up hardware and software write and debug applications create user friendly interfaces and control external electronics Do it yourself projects include a hangman game an LED clock and a software controlled roving robot Boot up and configure your Raspberry Pi Navigate files folders and menus Create Python programs using the IDLE editor Work with strings lists and functions Use and write your own libraries

modules and classes Add Web features to your programs Develop interactive games with Pygame Interface with devices through the GPIO port Build a Raspberry Pi Robot and LED Clock Build professional quality GUIs using Tkinter

Programming the Raspberry Pi, Second Edition: Getting Started with Python Simon Monk, 2015-10-05 An updated guide to programming your own Raspberry Pi projects Learn to create inventive programs and fun games on your powerful Raspberry Pi with no programming experience required This practical TAB book has been revised to fully cover the new Raspberry Pi 2 including upgrades to the Raspbian operating system Discover how to configure hardware and software write Python scripts create user friendly GUIs and control external electronics DIY projects include a hangman game RGB LED controller digital clock and RasPiRobot complete with an ultrasonic rangefinder Set up your Raspberry Pi and explore its features Navigate files folders and menus Write Python programs using the IDLE editor Use strings lists functions and dictionaries Work with modules classes and methods Create user friendly games using Pygame Build intuitive user interfaces with Tkinter Attach external electronics through the GPIO port Add powerful Web features to your projects

Programmez un Raspberry Pi Simon Monk, 2014-02-05 Le but de ce court ouvrage est de vous montrer comment cr er des programmes et des jeux amusants sur votre Raspberry Pi en utilisant le langage Python le Pi de Raspberry Pi L auteur explique les bases du d veloppement sur cet ordinateur un peu sp cial la fois minuscule et puissant Il vous fournit des exemples qui marchent et des scripts pr ts l emploi Il vous montre comment installer mat riels et logiciels comment cr ire et d bugger ses premi res applis et contr ler des p riph riques lectroniques L ouvrage se termine par deux projets concrets une horloge LED et un logiciel de pilotage de robot

Python Toby Donaldson, 2009 Python is a remarkably powerful dynamic programming language that is used in a wide variety of application domains such as Web database access desktop GUIs game and software development and network programming Fans of Python use the phrase batteries included to describe the standard library which covers everything from asynchronous processing to zip files The language itself is a flexible powerhouse that can handle practically any application domain This task based tutorial is for students with no programming experience as well as those programmers who have some experience with the programming language and now want to take their skills to the next level The book walks a reader through all the fundamentals and then moves on to more advanced topics It s a complete end to end tutorial and reference

Visual Quickstart Guide Chris Fehily, 2002 [Python for the World Wide Web Visual QuickStart Guide](#) Chris Fehily, 2001-10-26 The quick and easy way to master Python for Internet and Intranet programming Visual step by step guide to the popular Python programming language Cross platform coverage for the Mac Windows and Unix environments Teaches techniques for cookies session management and integration with XML The freely distributed Python programming language is becoming increasingly popular for programmers working on Internet and Intranet applications With its clear syntax and high quality functions the language is used in many popular Internet services such as Yahoo and thousands of non Internet applications as well Python for the World Wide Web Visual QuickStart Guide helps

readers master the language with simple steps screen shots and clear explanations Beginning with a thorough overview of the language the book then covers modules packages input and output errors classes and regular expression With the foundation laid the book brings the Python language to real world usage in Web development and is suitable for beginning to intermediate users who want to join the Python revolution

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