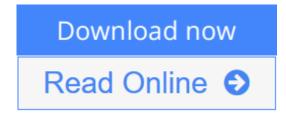


Programming Python: Powerful Object-Oriented Programming

By Mark Lutz



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If you've mastered Python's fundamentals, you're ready to start using it to get real work done. Programming Python will show you how, with in-depth tutorials on the language's primary application domains: system administration, GUIs, and the Web. You'll also explore how Python is used in databases, networking, frontend scripting layers, text processing, and more. This book focuses on commonly used tools and libraries to give you a comprehensive understanding of Python's many roles in practical, real-world programming.

You'll learn language syntax and programming techniques in a clear and concise manner, with lots of examples that illustrate both correct usage and common idioms. Completely updated for version 3.x, Programming Python also delves into the language as a software development tool, with many code examples scaled specifically for that purpose.

Topics include:

- Quick Python tour: Build a simple demo that includes data representation, object-oriented programming, object persistence, GUIs, and website basics
- System programming: Explore system interface tools and techniques for command-line scripting, processing files and folders, running programs in parallel, and more
- **GUI programming:** Learn to use Python's tkinter widget library
- Internet programming: Access client-side network protocols and email tools, use CGI scripts, and learn website implementation techniques
- More ways to apply Python: Implement data structures, parse text-based information, interface with databases, and extend and embed Python

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Editorial Review

About the Author

Mark Lutz is the world leader in Python training, the author of Python's earliest and best-selling texts, and a pioneering figure in the Python community since 1992. He has been a software developer for 25 years, and is the author of O'Reilly's Programming Python, 3rd Edition and Python Pocket Reference, 3rd Edition.

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