Python in Practice: Create Better Programs Using Concurrency, Libraries, and Patterns (Developer's Library)

Von Mark Summerfield
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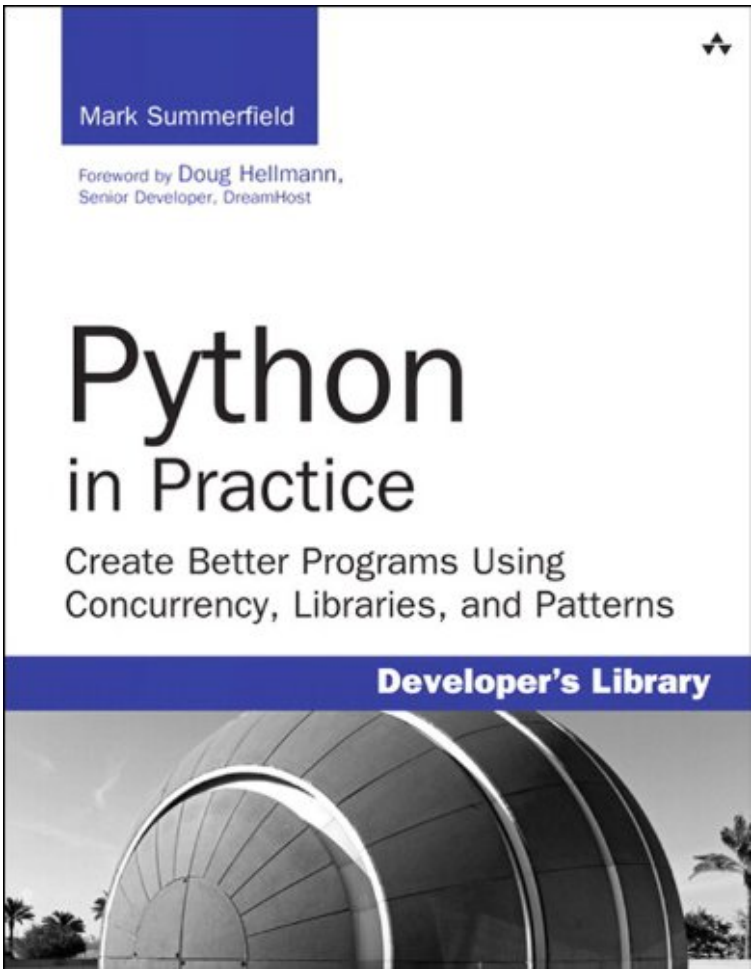

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Von Mark Summerfield : Python in Practice: Create Better Programs Using Concurrency, Libraries, and Patterns (Developer's Library) before purchasing it in order to gage whether or not it would be worth my time, and all praised Python in Practice: Create Better Programs Using Concurrency, Libraries, and Patterns (Developer's Library):

KundenrezensionenHilfreichste Kundenrezensionen2 von 3 Kunden fanden die folgende Rezension hilfreich. No Flow for understandingVon Adel zalokThe book provides patterns as independent pieces, I could not follow up as a reader so easily. The flow is missing. Furthermore, the writer digs directly into details without reasoning behind the "Why"

which I find really critical.

Kurzbeschreibung Winner of the 2014 Jolt Award for "Best Book" Whether you are an experienced programmer or are starting your career, Python in Practice is full of valuable advice and example to help you improve your craft by thinking about problems from different perspectives, introducing tools, and detailing techniques to create more effective solutions. Doug Hellmann, Senior Developer, DreamHost If youre an experienced Python programmer, Python in Practice will help you improve the quality, reliability, speed, maintainability, and usability of all your Python programs. Mark Summerfield focuses on four key themes: design patterns for coding elegance, faster processing through concurrency and compiled Python (Cython), high-level networking, and graphics. He identifies well-proven design patterns that are useful in Python, illuminates them with expert-quality code, and explains why some object-oriented design patterns are irrelevant to Python. He also explodes several counterproductive myths about Python programmingshowing, for example, how Python can take full advantage of multicore hardware. All examples, including three complete case studies, have been tested with Python 3.3 (and, where possible, Python 3.2 and 3.1) and crafted to maintain compatibility with future Python 3.x versions. All code has been tested on Linux, and most code has also been tested on OS X and Windows. All code may be downloaded at www.qtrac.eu/pipbook.html. Coverage includes Leveraging Pythons most effective creational, structural, and behavioral design patterns Supporting concurrency with Pythons multiprocessing, threading, and concurrent.futures modules Avoiding concurrency problems using thread-safe queues and futures rather than fragile locks Simplifying networking with high-level modules, including xmlrpclib and RPyC Accelerating Python code with Cython, C-based Python modules, profiling, and other techniques Creating modern-looking GUI applications with Tkinter Leveraging todays powerful graphics hardware via the OpenGL API using pyglet and PyOpenGL Kurzbeschreibung Winner of the 2014 Jolt Award for "Best Book" Whether you are an experienced programmer or are starting your career, Python in Practice is full of valuable advice and example to help you improve your craft by thinking about problems from different perspectives, introducing tools, and detailing techniques to create more effective solutions. Doug Hellmann, Senior Developer, DreamHost If youre an experienced Python programmer, Python in Practice will help you improve the quality, reliability, speed, maintainability, and usability of all your Python programs. Mark Summerfield focuses on four key themes: design patterns for coding elegance, faster processing through concurrency and compiled Python (Cython), high-level networking, and graphics. He identifies well-proven design patterns that are useful in Python, illuminates them with expert-quality code, and explains why some object-oriented design patterns are irrelevant to Python. He also explodes several counterproductive myths about Python programmingshowing, for example, how Python can take full advantage of multicore hardware. All examples, including three complete case studies, have been tested with Python 3.3 (and, where possible, Python 3.2 and 3.1) and crafted to maintain compatibility with future Python 3.x versions. All code has been tested on Linux, and most code has also been tested on OS X and Windows. All code may be downloaded at www.qtrac.eu/pipbook.html. Coverage includes Leveraging Pythons most effective creational, structural, and behavioral design patterns Supporting concurrency with Pythons multiprocessing, threading, and concurrent.futures modules Avoiding concurrency problems using thread-safe queues and futures rather than fragile locks Simplifying networking with high-level modules, including xmlrpclib and RPyC Accelerating Python code with Cython, C-based Python modules, profiling, and other techniques Creating modern-looking GUI applications with Tkinter Leveraging todays powerful graphics hardware via the OpenGL API using pyglet and PyOpenGL ber den Autor und weitere MitwirkendeMark Summerfield, owner of Qtrac Ltd., is an independent trainer, consultant, technical editor, and writer specializing in C++, Go, Python, Qt, and PyQt. His books include Rapid GUI Programming with Python and Qt; C++ GUI Programming with Qt 4, Second Edition (with Jasmin Blanchette); Programming inPython 3, Second Edition; and Advanced Qt Programming, and Programming in Go, all from Addison-Wesley.