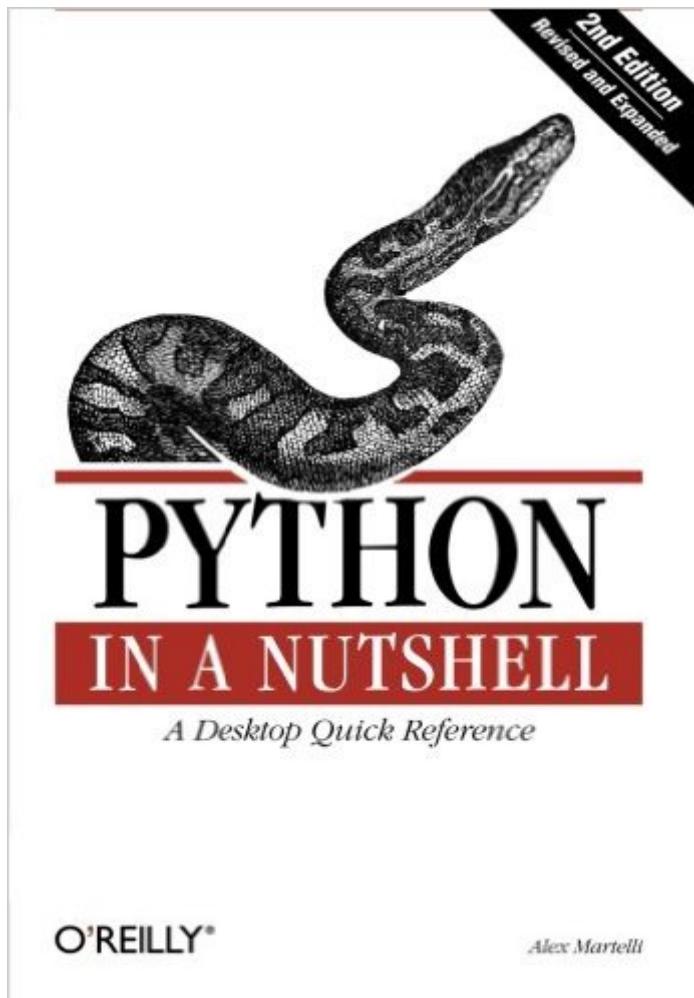


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# Python In A Nutshell, Second Edition (In A Nutshell)



## Synopsis

This book offers Python programmers one place to look when they need help remembering or deciphering the syntax of this open source language and its many powerful but scantily documented modules. This comprehensive reference guide makes it easy to look up the most frequently needed information--not just about the Python language itself, but also the most frequently used parts of the standard library and the most important third-party extensions. Ask any Python aficionado and you'll hear that Python programmers have it all: an elegant object-oriented language with readable and maintainable syntax, that allows for easy integration with components in C, C++, Java, or C#, and an enormous collection of precoded standard library and third-party extension modules. Moreover, Python is easy to learn, yet powerful enough to take on the most ambitious programming challenges. But what Python programmers used to lack is a concise and clear reference resource, with the appropriate measure of guidance in how best to use Python's great power. Python in a Nutshell fills this need. Python in a Nutshell, Second Edition covers more than the language itself; it also deals with the most frequently used parts of the standard library, and the most popular and important third party extensions. Revised and expanded for Python 2.5, this book now contains the gory details of Python's new subprocess module and breaking news about Microsoft's new IronPython project. Our "Nutshell" format fits Python perfectly by presenting the highlights of the most important modules and functions in its standard library, which cover over 90% of your practical programming needs. This book includes:

## Book Information

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## Customer Reviews

The author Alex Martelli is Uber Technical Lead at Google, Inc. Martelli holds a laurea in Ingegneria Elettronica from Bologna University. He wrote Python in a Nutshell two editions, and also co-edited the Python Cookbook. He's a member of the Python Software Foundation, and won the 2002 Activators' Choice Award. Martelli spent 8 years with IBM Research, earning three Outstanding Technical Achievement Awards, and on. The book is a great reference and full of insights and good programming techniques. It moves pretty fast to make a good introductory book, but once one has a reasonable understanding of Python fundamentals, anyone wishing to advance their understanding and application of the language can benefit from Python in a Nutshell. I found that this book has been able to cover every thing from fundamentals of the Python language to a comprehensive description of some of the more esoteric newer language features and at the same time address many of the applications of the language. The presentation style is clear and very readable with concise examples, and not full of extraneous fluff. The subjects are well laid out beginning with a swift comprehensive introduction to the language, and a good description of the basic elements including classes, methods exceptions, modules, decorators and built-ins. There are sections on the Python library and extension modules, Network and web programming including some discussion of some of the existing python web frame works and socket programming. There is material on extending and embedding Python and alternate ways to extend python beyond c-extensions. The book was released just prior to the final release of Python 2.5, but there is considerable material covering most if not all of the latest 2.

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