



The Hitchhiker's Guide to Python: Best Practices for Development

Kenneth Reitz , Tanya Schlusser

[Download now](#)

[Read Online](#) 

The Hitchhiker's Guide to Python: Best Practices for Development

Kenneth Reitz , Tanya Schlusser

The Hitchhiker's Guide to Python: Best Practices for Development Kenneth Reitz , Tanya Schlusser
The Hitchhiker's Guide to Python takes the journeyman Pythonista to true expertise. More than any other language, Python was created with the philosophy of simplicity and parsimony. Now 25 years old, Python has become the primary or secondary language (after SQL) for many business users. With popularity comes diversity--and possibly dilution.

This guide, collaboratively written by over a hundred members of the Python community, describes best practices currently used by package and application developers. Unlike other books for this audience, *The Hitchhiker's Guide* is light on reusable code and heavier on design philosophy, directing the reader to excellent sources that already exist.

The Hitchhiker's Guide to Python: Best Practices for Development Details

Date : Published September 18th 2016 by O'Reilly Media

ISBN : 9781491933176

Author : Kenneth Reitz , Tanya Schlusser

Format : Paperback 338 pages

Genre : Computer Science, Programming, Computers

 [Download The Hitchhiker's Guide to Python: Best Practices f ...pdf](#)

 [Read Online The Hitchhiker's Guide to Python: Best Practices ...pdf](#)

Download and Read Free Online The Hitchhiker's Guide to Python: Best Practices for Development
Kenneth Reitz , Tanya Schlusser

Cryptography, AI. People can refer this book before proceeding to program in python.

Nathan Glenn says

A good overview of modern Python. You can skim this if you already know lots of Python and still get lots of new information.

John says

This is a really informative book about the python ecosystem. A lot of books tell you how the language works and then tell you that you can import libraries to do a lot of stuff for you. Other books will tell you about one or two of those libraries. This book tells you about like 10 libraries that you can choose from in each different problem domain, and then talks briefly about each one. This book is full of very useful information for people who are ready to move beyond how the language basically works.

Kishor says

Excellent reference material. It has a lot of outbound links, and you can spend days just recursively following them. Rather than being the ultimate goto for Python knowledge, it connects you to useful tools and learning resources.

Jan Kroken says

Being close to 2 years old, it's slightly dated, but still valid enough to be a great resource

Ravi Sinha says

A fantastic compendium of the latest and greatest in the Python ecosystem in the present day - and I thought I knew Python! The case studies on libraries like Werkzeug and Requests, as well as the descriptions of ORMs, were occasionally a little difficult to digest, but that doesn't take away from the points that the book is trying to make. I liked the usage of the Python debugger (pdb), which I didn't know much about at all, to explore the Flask codebase. The packaging and pip's details, as well as the listing of libraries for various scenarios were invaluable. There is occasionally some weird phrasing, which can be fixed in future edits. Since I continue using Python, I see myself coming back to this book for reference on the latest and greatest on good structure, style, packaging, documentation, testing, performance and compilation (Cython and Numba), etc. tools out there. Expands one's reading list as well because it links to a lot of external articles. Also does a great job of highlighting which particular Zen of Python a given library or framework is exemplifying. The book is very dense in the number of links and libraries it provides information on. I wouldn't recommend it to a beginner - just the sheer number of recommendations from the book can be overwhelming, but if you're a full time software developer using even a modicum of Python in your day job, it's a must read.

Vishwanath says

Practical no fluff guide to using Python. This is a consolidated source of best practices around writing, reading and shipping great code. The author's work should be very familiar to anyone using the ubiquitous 'requests' library and this book does not disappoint. There are also excellent links throughout the chapters for further research.

Marcus Ferreira says

Amazingly well written. Goes deep into Python in a very practical way.

Venkatesh-Prasad says

This book is intended for intermediate python devs to hone their python skills.

Part 1 provides a good overview about various ways one can bootstrap python environment. It covers differences between Py2 and Py3 along with various python interpreters, IDEs, and virtual environments.

Part 2 focuses on writing, reading, and shipping great python code. This involves a list of good practices and then studying these practices in real-world python projects. It has loads of good advice about writing good python code. In the chapter on shipping great code, I learned that one could create executable zip files containing python code :) The chapter on reading code will probably take most effort as one has to grok the code while reading.

Part 3 glosses over numerous python libraries/frameworks focused on capabilities such as data persistence, data manipulation, web, CLI, and performance. This part is more of a reference than an end-to-end read.

I'd recommend it for intermediate python devs.

Thomas says

I really wish there were more books like this: a solid, thorough overview of the landscape for the Python programming language. I'd almost be tempted to write one for Scala (...if I only had the time). If you're already semi-comfortable with Python and just want to know how to get things done, this is a great resource. Don't expect anything terribly deep here, though. If that's your goal, look elsewhere.

Anton Antonov says

Not an upgrade over the original guide available at <http://docs.python-guide.org/en/latest/>.

I am really not a fan of guides printed as books just for the sake of having them as books.

This is not a viable solution long term and even short term due to the ever-updating nature of "The Hitchhiker's Guide to Python". By the time your printed copy has arrived, you'll be already behind significantly.

I am still a big fan of Kenneth Reitz, but I wish a man with his great experience would write a more unique and technical-oriented book.
