



Fluent Python: Clear, Concise, and Effective Programming

By Luciano Ramalho

Download now

Read Online ➔

Fluent Python: Clear, Concise, and Effective Programming By Luciano Ramalho

Python's simplicity lets you become productive quickly, but this often means you aren't using everything it has to offer. With this hands-on guide, you'll learn how to write effective, idiomatic Python code by leveraging its best—and possibly most neglected—features. Author Luciano Ramalho takes you through Python's core language features and libraries, and shows you how to make your code shorter, faster, and more readable at the same time.

Many experienced programmers try to bend Python to fit patterns they learned from other languages, and never discover Python features outside of their experience. With this book, those Python programmers will thoroughly learn how to become proficient in Python 3.

This book covers:

- **Python data model:** understand how special methods are the key to the consistent behavior of objects
- **Data structures:** take full advantage of built-in types, and understand the text vs bytes duality in the Unicode age
- **Functions as objects:** view Python functions as first-class objects, and understand how this affects popular design patterns
- **Object-oriented idioms:** build classes by learning about references, mutability, interfaces, operator overloading, and multiple inheritance
- **Control flow:** leverage context managers, generators, coroutines, and concurrency with the `concurrent.futures` and `asyncio` packages
- **Metaprogramming:** understand how properties, attribute descriptors, class decorators, and metaclasses work

📄 [Download Fluent Python: Clear, Concise, and Effective Progr ...pdf](#)

📄 [Read Online Fluent Python: Clear, Concise, and Effective Pro ...pdf](#)

Fluent Python: Clear, Concise, and Effective Programming

By Luciano Ramalho

Fluent Python: Clear, Concise, and Effective Programming By Luciano Ramalho

Python's simplicity lets you become productive quickly, but this often means you aren't using everything it has to offer. With this hands-on guide, you'll learn how to write effective, idiomatic Python code by leveraging its best—and possibly most neglected—features. Author Luciano Ramalho takes you through Python's core language features and libraries, and shows you how to make your code shorter, faster, and more readable at the same time.

Many experienced programmers try to bend Python to fit patterns they learned from other languages, and never discover Python features outside of their experience. With this book, those Python programmers will thoroughly learn how to become proficient in Python 3.

This book covers:

- **Python data model:** understand how special methods are the key to the consistent behavior of objects
- **Data structures:** take full advantage of built-in types, and understand the text vs bytes duality in the Unicode age
- **Functions as objects:** view Python functions as first-class objects, and understand how this affects popular design patterns
- **Object-oriented idioms:** build classes by learning about references, mutability, interfaces, operator overloading, and multiple inheritance
- **Control flow:** leverage context managers, generators, coroutines, and concurrency with the `concurrent.futures` and `asyncio` packages
- **Metaprogramming:** understand how properties, attribute descriptors, class decorators, and metaclasses work

Fluent Python: Clear, Concise, and Effective Programming By Luciano Ramalho Bibliography

- Rank: #18390 in Books
- Brand: imusti
- Published on: 2015-08-20
- Original language: English
- Number of items: 1
- Dimensions: 9.17" h x 1.57" w x 7.01" l, 2.90 pounds
- Binding: Paperback
- 792 pages

 [Download Fluent Python: Clear, Concise, and Effective Progr ...pdf](#)

 [Read Online](#) Fluent Python: Clear, Concise, and Effective Pro ...pdf

Editorial Review

From the Author

Who This Book Is For

This book was written for **practicing Python programmers** who want to become proficient in Python 3. If you know Python 2 but are willing to migrate to Python 3.4 or later, you should be fine. [...]

If you are not sure whether you know enough Python to follow along, review the topics of the official Python Tutorial. Topics covered in the tutorial will not be explained here, except for some features that are new in Python 3.

Who This Book Is Not For

If you are just learning Python, this book is going to be hard to follow. Not only that, if you read it too early in your Python journey, it may give you the impression that every Python script should leverage special methods and metaprogramming tricks. Premature abstraction is as bad as premature optimization.

(extracted from the Preface, page xvi, emphasis added)

About the Author

Luciano Ramalho was a Web developer before the Netscape IPO in 1995, and switched from Perl to Java to Python in 1998. Since then he worked on some of the largest news portals in Brazil using Python, and taught Python web development in the Brazilian media, banking and government sectors. His speaking credentials include PyCon US (2013), OSCON (2002, 2013), and 15 talks over the years at PythonBrasil (the Brazilian PyCon) and FISL (the largest FLOSS conference in the Southern Hemisphere). Ramalho is a member of the Python Software Foundation and co-founder of Garoa Hacker Clube, the first hackerspace in Brazil. He is co-owner of Python.pro.br, a training company.

Users Review

From reader reviews:

Julie Nealy:

This Fluent Python: Clear, Concise, and Effective Programming book is absolutely not ordinary book, you have after that it the world is in your hands. The benefit you receive by reading this book will be information inside this book incredible fresh, you will get facts which is getting deeper you actually read a lot of information you will get. This Fluent Python: Clear, Concise, and Effective Programming without we comprehend teach the one who looking at it become critical in thinking and analyzing. Don't become worry Fluent Python: Clear, Concise, and Effective Programming can bring any time you are and not make your tote space or bookshelves' grow to be full because you can have it within your lovely laptop even cellphone. This Fluent Python: Clear, Concise, and Effective Programming having very good arrangement in word along with layout, so you will not sense uninterested in reading.

Blanche Ball:

Here thing why this particular Fluent Python: Clear, Concise, and Effective Programming are different and trusted to be yours. First of all looking at a book is good nonetheless it depends in the content from it which is the content is as tasty as food or not. Fluent Python: Clear, Concise, and Effective Programming giving you information deeper and different ways, you can find any e-book out there but there is no reserve that similar with Fluent Python: Clear, Concise, and Effective Programming. It gives you thrill examining journey, its open up your own personal eyes about the thing that will happened in the world which is maybe can be happened around you. It is possible to bring everywhere like in playground, café, or even in your method home by train. If you are having difficulties in bringing the printed book maybe the form of Fluent Python: Clear, Concise, and Effective Programming in e-book can be your substitute.

Willie Alford:

This book untitled Fluent Python: Clear, Concise, and Effective Programming to be one of several books that will best seller in this year, that's because when you read this reserve you can get a lot of benefit on it. You will easily to buy this book in the book retail store or you can order it by means of online. The publisher on this book sells the e-book too. It makes you more easily to read this book, because you can read this book in your Cell phone. So there is no reason to your account to past this e-book from your list.

Linda Cooper:

Are you kind of active person, only have 10 as well as 15 minute in your morning to upgrading your mind ability or thinking skill possibly analytical thinking? Then you are having problem with the book as compared to can satisfy your short time to read it because this time you only find book that need more time to be examine. Fluent Python: Clear, Concise, and Effective Programming can be your answer given it can be read by you actually who have those short extra time problems.

Download and Read Online Fluent Python: Clear, Concise, and Effective Programming By Luciano Ramalho #CTKDQXR2PFG

Read Fluent Python: Clear, Concise, and Effective Programming By Luciano Ramalho for online ebook

Fluent Python: Clear, Concise, and Effective Programming By Luciano Ramalho Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Fluent Python: Clear, Concise, and Effective Programming By Luciano Ramalho books to read online.

Online Fluent Python: Clear, Concise, and Effective Programming By Luciano Ramalho ebook PDF download

Fluent Python: Clear, Concise, and Effective Programming By Luciano Ramalho Doc

Fluent Python: Clear, Concise, and Effective Programming By Luciano Ramalho Mobipocket

Fluent Python: Clear, Concise, and Effective Programming By Luciano Ramalho EPub

CTKDQXR2PFG: Fluent Python: Clear, Concise, and Effective Programming By Luciano Ramalho