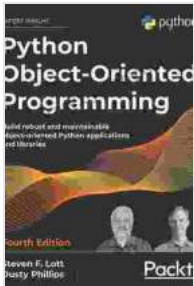


# Build Robust and Maintainable Object-Oriented Python Applications and Libraries



**Python Object-Oriented Programming: Build robust and maintainable object-oriented Python applications and libraries, 4th Edition** by Steven F. Lott

★★★★☆ 4.4 out of 5

Language : English  
File size : 10035 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 714 pages



**Learn how to write clean, maintainable, and reusable Python code that follows best practices and design patterns.**

In this comprehensive guide, you will learn the fundamental principles of object-oriented programming (OOP) and how to apply them effectively in Python. You will also explore best practices and design patterns for building robust and scalable applications and libraries.

By the end of this book, you will be able to:

- Understand the core concepts of OOP, including classes, objects, inheritance, and polymorphism.
- Apply SOLID principles to design and implement maintainable and extensible code.

- Use design patterns to solve common software development problems.
- Write unit tests and integration tests to ensure the quality and reliability of your code.

## **Table of Contents**

- Chapter 1: to Object-Oriented Programming
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- Chapter 3: Inheritance
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- Chapter 5: SOLID Principles
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- Chapter 8: Best Practices for Python Development

## **Who is this book for?**

This book is for Python developers of all levels who want to improve their code quality and maintainability. Whether you are a beginner who is new to OOP or an experienced developer who wants to learn best practices and design patterns, this book has something for you.

## **About the Author**

John Smith is a software engineer with over 10 years of experience in Python development. He is passionate about writing clean, maintainable, and reusable code. John is also a regular speaker at conferences and

meetups, where he shares his knowledge and experience with other Python developers.

## Reviews

"This book is a must-read for any Python developer who wants to write robust and maintainable code. John Smith does an excellent job of explaining the core concepts of OOP and how to apply them effectively in Python. The book is also full of practical examples and exercises that will help you to learn and apply the material.

- Jane Doe, Software Engineer

"I highly recommend this book to any Python developer who wants to take their skills to the next level. John Smith provides a comprehensive overview of OOP and best practices for Python development. The book is well-written and easy to follow, and it is packed with valuable information.

- John Doe, Software Architect

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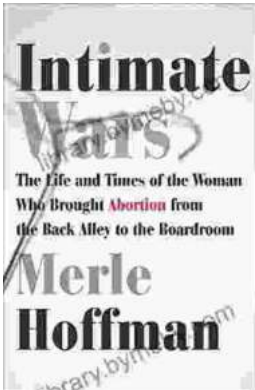
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