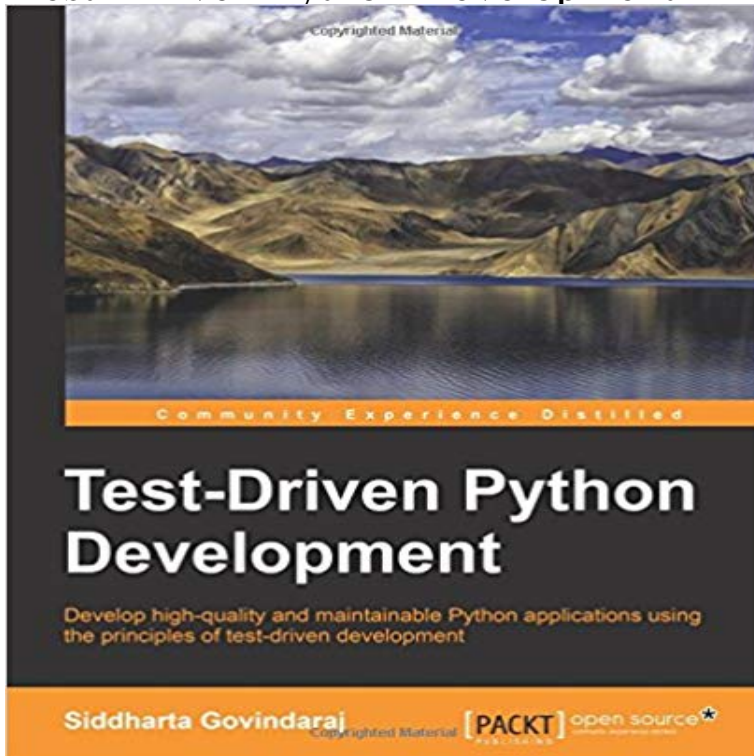


Test- Driven Python Development



Develop high-quality and maintainable Python applications using the principles of test-driven development

About This Book

Write robust and easily maintainable code using the principles of test driven development

Get solutions to real-world problems faced by Python developers

Go from a unit testing beginner to a master through a series of step-by-step tutorials that are easy to follow

Who This Book Is For

This book is intended for Python developers who want to use the principles of test-driven development (TDD) to create efficient and robust applications. In order to get the best out of this book, you should have development experience with Python.

What You Will Learn

- Implement the test-driven development process in Python applications
- Fully leverage Python's powerful built-in unittest and doctest modules
- Effectively add features to existing code bases that do not have any tests
- Safely resolve problems with the code and design, without breaking any functionality
- Utilize Python's powerful mock and patch functionality to test complex interactions
- Integrate unit testing into the overall software delivery process
- Use doctest to test code with examples
- Enhance TDD with the nose2 test runner

In Detail

This book starts with a look at the test-driven development process, and how it is different from the traditional way of writing code. All the concepts are presented in the context of a real application that is developed in a step-by-step manner over the course of the book. While exploring the common types of smelly code, we will go back into our example project and clean up the smells that we find. Additionally, we will use mocking to implement the parts of our example project that depend on other systems. Towards the end of the book, we will take a look at the most common patterns and anti-patterns associated with test-driven development, including

integration of test results into the development process.

TDD in Python in 5 minutes - DZone Web Dev To make this project fun, well do it in Python. Python is an excellent language for test-driven development because it (usually) does exactly **Test-Driven Development with Python - OReilly Media** Harry J.W. - Test-Driven Development with Python jetzt kaufen. ISBN: 9781449364823, Fremdsprachige Bucher - Sprachen & Tools. **Test-Driven Development with Python - OReilly Chimera** Test-Driven Development with Python. The book covers absolutely everything I know about TDD, Django, web development, git, automated deployments, CI, **Test-Driven Development with Python - OReilly Chimera** This repository contains all the example code from my book, Test-Driven Web Development with Python, available at **Test-Driven Development with Python - OReilly Chimera** By taking you through the development of a real web application from beginning to end, the practical advantages of test-driven development (TDD) with Python. **Test-Driven Web Development with Python: Harry Percival** There are lots of Python templating frameworks out there, and Django has its own . But, as Kent Beck puts it in Test-Driven Development: By Example, Am I **Obey the Testing Goat!** Buy Test-Driven Development with Python by Harry J.W. Percival (ISBN: 9781449364823) from Amazons Book Store. Free UK delivery on eligible orders. **python - Are there any good online tutorials to TDD for an** The Testing Goat is the unofficial mascot of TDD in the Python testing community. It probably means different things to different people, but, to me, the Testing **Test-Driven Development with Python - OReilly Chimera** Buy Test- Driven Python Development on ? FREE SHIPPING on qualified orders. **The Book - Obey the Testing Goat!** Buy Test-Driven Development with Python: Obey the Testing Goat: Using Django, Selenium, and JavaScript on ? FREE SHIPPING on qualified **Beginning Test-Driven Development in Python - Tuts: Coding - Tuts+** Test-Driven Development with Python. The book. This is my book about Test-Driven-Development for web programming, Python 3.6, Django 1.11 beta. **Unit Testing & Test-Driven Development Python 3 Patterns** Test Driven Development? Download Python Project Setup First Test Flaskr Setup Second Test Database Setup Templates and Views Add Some Color **Test-Driven Development in Python - OReilly Media** - In this book, Harry takes us on an adventure of discovery with Python and testing. This book is far more than an introduction to Test Driven Developmentitits **Test- Driven Python Development: Siddharta Govindaraj** Whatever your stance on the merits or pitfalls of Test Driven Development, I think its worthwhile and educational to pay attention to a discussion **Test-Driven Development with Python: Obey the** - Test Driven Development in Python Siddharta Govindaraj siddharta@ What is Test Driven Development (TDD)? **Test-Driven Django Tutorial (archived)** Buy Test-Driven Web Development with Python on ? FREE SHIPPING on qualified

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