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## Literate testing with doctests

*Monday, July 3, 2006 11:00 AM (30 minutes)*

Doctests are one way of writing automated tests in Python. Doctests can be used for many purposes. I will demonstrate (with examples) the use of doctests for documentation, design, unit testing, and functional/acceptance testing.

I will show some interesting features of the doctest module such as pattern matching or diffing. I will show how to collect and aggregate doctests into unittest-compatible test suites. I will talk about certain caveats and demonstrate some useful techniques for writing the tests themselves.

About the author: Marius has been writing Python code for the last 4.5 years non-stop. He is deeply convinced about the gains of automated tests, and thinks that if you do not already write doctests for your Python code, then you should start doing so.

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