

Brief History of Python

- Invented in the Netherlands, early 90s by Guido van Rossum
- Named after Monty Python
- Open sourced from the beginning
- Considered a scripting language, but is much more
- Scalable, object oriented and functional from the beginning
- Used by Google from the beginning
- Increasingly popular

Python's Benevolent Dictator For Life

“Python is an experiment in how much freedom programmers need. Too much freedom and nobody can read another's code; too little and expressiveness is endangered.”

- Guido van Rossum



http://docs.python.org/

The screenshot shows a web browser window with the address bar displaying 'http://docs.python.org/'. The page title is 'Overview — Python v2.6.1 documentation'. The browser's search bar contains the text 'Google'. The page content is organized into a sidebar on the left and a main content area on the right. The sidebar includes links for 'Download', 'Other resources', and 'Quick search'. The main content area features a large heading 'Python v2.6.1 documentation', a welcome message, and several sections of links categorized under 'Parts of the documentation' and 'Indices and tables:'. The sidebar also includes a 'Quick search' section with a text input field and a 'Go' button.

Overview — Python v2.6.1 documentation

http://docs.python.org/

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Python v2.6.1 documentation »

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Other resources

- FAQs
- Introductions
- Guido's Essays
- New-style Classes
- PEP Index
- Beginner's Guide
- Topic Guides
- Book List
- Audio/Visual Talks
- Other Doc Collections

Previous versions

Quick search

Enter search terms or a module, class or function name.

Python v2.6.1 documentation

Welcome! This is the documentation for Python 2.6.1, last updated Jan 29, 2009.

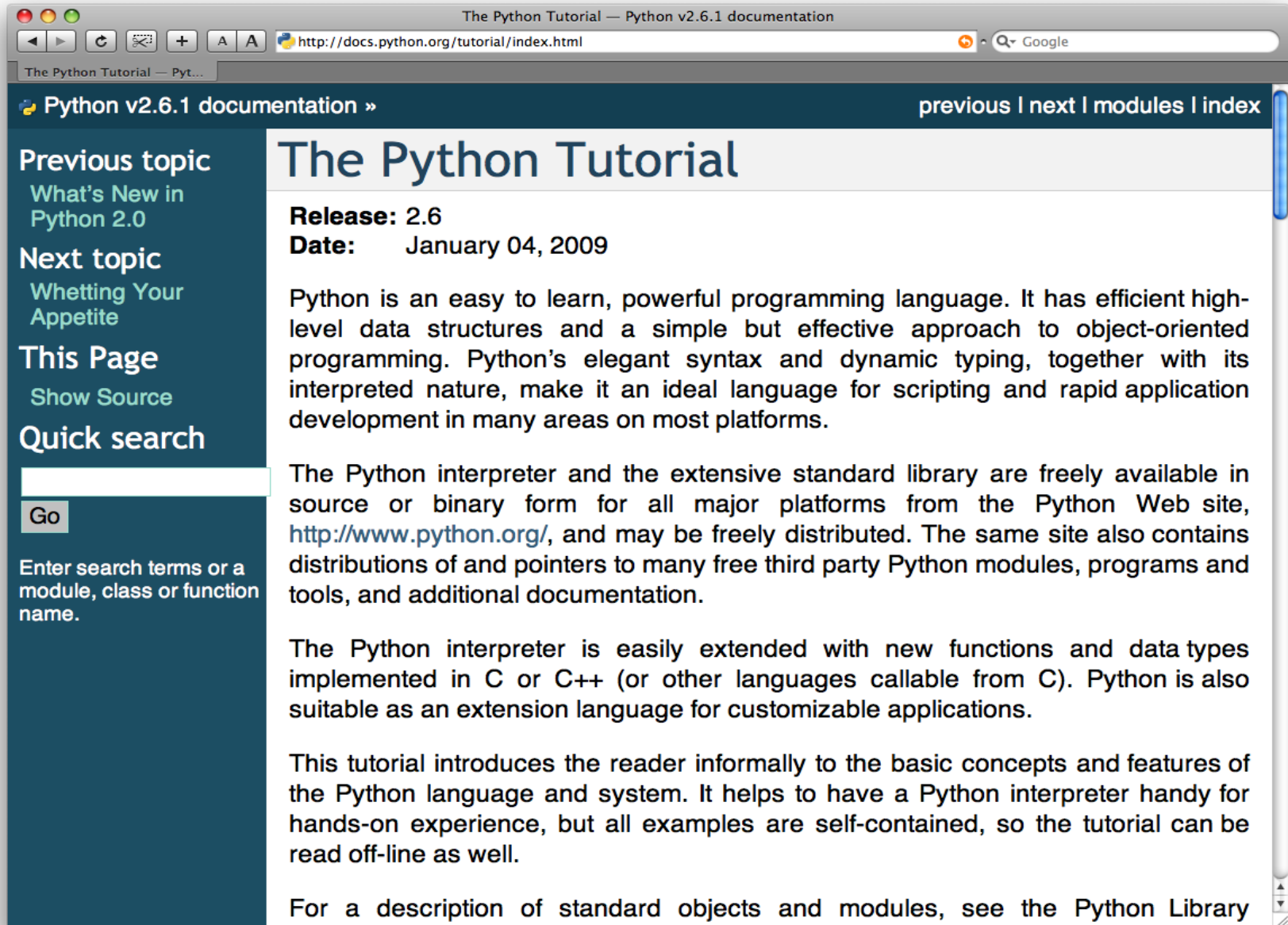
Parts of the documentation:

- What's new in Python 2.6?**
or all "What's new" documents since 2.0
- Tutorial**
start here
- Using Python**
how to use Python on different platforms
- Language Reference**
describes syntax and language elements
- Library Reference**
keep this under your pillow
- Python HOWTOs**
in-depth documents on specific topics
- Extending and Embedding**
tutorial for C/C++ programmers
- Python/C API**
reference for C/C++ programmers
- Installing Python Modules**
information for installers & sys-admins
- Distributing Python Modules**
sharing modules with others
- Documenting Python**
guide for documentation authors

Indices and tables:

- Global Module Index**
quick access to all modules
- General Index**
all functions, classes, terms
- Glossary**
the most important terms explained
- Search page**
search this documentation
- Complete Table of Contents**
lists all sections and subsections

The Python tutorial is good!



The screenshot shows a web browser window displaying the Python v2.6.1 documentation. The browser's address bar shows the URL <http://docs.python.org/tutorial/index.html>. The page title is "The Python Tutorial — Python v2.6.1 documentation". The page content is titled "The Python Tutorial" and includes a "Release: 2.6" and "Date: January 04, 2009" section. The main text describes Python as an easy-to-learn, powerful programming language with efficient high-level data structures and a simple but effective approach to object-oriented programming. It also mentions that the Python interpreter and the extensive standard library are freely available in source or binary form for all major platforms from the Python Web site, <http://www.python.org/>, and may be freely distributed. The same site also contains distributions of and pointers to many free third party Python modules, programs and tools, and additional documentation. The text further states that the Python interpreter is easily extended with new functions and data types implemented in C or C++ (or other languages callable from C). Python is also suitable as an extension language for customizable applications. The tutorial introduces the reader informally to the basic concepts and features of the Python language and system. It helps to have a Python interpreter handy for hands-on experience, but all examples are self-contained, so the tutorial can be read off-line as well. Finally, it mentions that for a description of standard objects and modules, see the Python Library.

The left sidebar contains navigation links: "Previous topic: What's New in Python 2.0", "Next topic: Whetting Your Appetite", "This Page: Show Source", and a "Quick search" section with a search input field and a "Go" button. The top navigation bar includes links for "previous", "next", "modules", and "index".

The Python v2.6.1 documentation » [previous](#) | [next](#) | [modules](#) | [index](#)

The Python Tutorial

Release: 2.6
Date: January 04, 2009

Python is an easy to learn, powerful programming language. It has efficient high-level data structures and a simple but effective approach to object-oriented programming. Python's elegant syntax and dynamic typing, together with its interpreted nature, make it an ideal language for scripting and rapid application development in many areas on most platforms.

The Python interpreter and the extensive standard library are freely available in source or binary form for all major platforms from the Python Web site, <http://www.python.org/>, and may be freely distributed. The same site also contains distributions of and pointers to many free third party Python modules, programs and tools, and additional documentation.

The Python interpreter is easily extended with new functions and data types implemented in C or C++ (or other languages callable from C). Python is also suitable as an extension language for customizable applications.

This tutorial introduces the reader informally to the basic concepts and features of the Python language and system. It helps to have a Python interpreter handy for hands-on experience, but all examples are self-contained, so the tutorial can be read off-line as well.

For a description of standard objects and modules, see the Python Library

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[What's New in Python 2.0](#)

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Quick search

Enter search terms or a module, class or function name.