



<http://www.python.org/>

Python is an *interpreted, interactive, object-oriented* programming language.

Python combines remarkable power with very clear syntax. It has modules, classes, exceptions, very high level dynamic data types, and dynamic typing. There are interfaces to many system calls and libraries, as well as to various windowing systems (X11, Motif, Tk, Mac, MFC, wxWidgets). New built-in modules are easily written in C or C++. Python is also usable as an extension language for applications that need a programmable interface.

It's **free**.

### **Documentation**

There's tons of documentation, including a comprehensive tutorial for real beginners at <http://www.python.org/doc/>

The documentation includes details of the extensive built-in library, such as loading data from the Internet, reading various structured files, creating user interfaces, or ...

### **Community**

The [comp.lang.python newsgroup](http://comp.lang.python.newsgroup) is a high-volume Usenet open newsgroup for general discussions and questions about Python.

The newsgroup is available through email as well, or the web at <http://groups.google.com/group/comp.lang.python>

Pretty much anything Python-related is fair game for discussion, and the group is even fairly tolerant of off-topic digressions; there have been entertaining discussions of topics such as floating point, good software design, and other programming languages such as Lisp and Forth.

There is an education SIG with its own website and mailing list.