

The Python Language Reference

This reference manual describes the syntax and "core semantics" of the language. It is terse, but attempts to be exact and complete. The semantics of non-essential built-in object types and of the built-in functions and modules are described in [ref:library-index](#). For an informal introduction to the language, see [ref:tutorial-index](#). For C or C++ programmers, two additional manuals exist: [ref:extending-index](#) describes the high-level picture of how to write a Python extension module, and the [ref:c-api-index](#) describes the interfaces available to C/C++ programmers in detail.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\reference\cpython-main) (Doc) (reference) index.rst, line 7); [backlink](#)

Unknown interpreted text role "ref".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\reference\cpython-main) (Doc) (reference) index.rst, line 7); [backlink](#)

Unknown interpreted text role "ref".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\reference\cpython-main) (Doc) (reference) index.rst, line 7); [backlink](#)

Unknown interpreted text role "ref".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\reference\cpython-main) (Doc) (reference) index.rst, line 7); [backlink](#)

Unknown interpreted text role "ref".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\reference\cpython-main) (Doc) (reference) index.rst, line 16)

Unknown directive type "toctree".

```
.. toctree::
   :maxdepth: 2
   :numbered:

   introduction.rst
   lexical_analysis.rst
   datamodel.rst
   executionmodel.rst
   import.rst
   expressions.rst
   simple_stmts.rst
   compound_stmts.rst
   toplevel_components.rst
   grammar.rst
```