sys — System-specific Configuration

Purpose: Provides system-specific configuration and operations.

The sys module includes a collection of services for probing or changing the configuration of the interpreter at runtime and resources for interacting with the operating environment outside of the current program.

- Interpreter Settings
  - Build-time Version Information
  - Interpreter Implementation
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- Runtime Environment
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- Modules and Imports
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  - Built-in Modules
  - Import Path
  - Custom Importers
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- Tracing a Program As It Runs
  - Tracing Function Calls
  - Tracing Inside Functions
  - Watching the Stack
  - Exception Propagation

See also

- [Standard library documentation for sys](#)
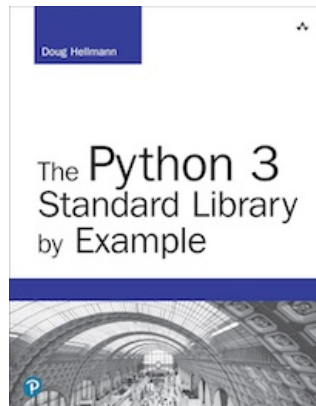- [Python 2 to 3 porting notes for sys](#)

This page was last updated 2016-12-28.

Navigation

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The output from all the example programs from PyMOTW-3 has been generated with Python 3.7.1, unless otherwise noted. Some of the features described here may not be available in earlier versions of Python.

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