

The Python Standard Library

Describes the library distributed with Python

What Python's Standard Library Provide?

1. What python's standard library provide?
 1. Wide range of facilities
 2. built-in modules(written in C) to access to system functionality such as file I/O
 3. Standardized solutions for many problems that occur in everyday programming
 4. Modules designed to abstracting away platforms — neutral APIs
 5. Provides as a collection of packages
 6. Collections of packages: python package index website
 1. <https://pypi.org/>

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Introduction

1. What Python language core defines?
 1. “Core” of language is data types like lists, dictionary, set, tuple modules
 2. Defines the form of literals and places some constraint on their semantics
 3. Built-in functions and exceptions without need of an `import` statement
2. Bulk of the library introduction
 1. Modules written in C and built in to the Python interpreter.
 2. Modules written in Python and imported in source form
 3. Modules provide interfaces that are highly specific to Python
 1. Printing a stack trace
 4. Modules provide interfaces that are specific to particular operating system
 1. Access to specific hardware
 5. Modules provide interfaces that are specific to a particular application domain
 1. Like for World Wide Web
 6. Some modules are available in all versions and ports of python
 7. Some modules are only available when the underlying system support or require them
 8. Some modules are only available when a particular configuration option was chosen at the time when python was compiled and installed.