

:mod:`distutils` --- Building and installing Python modules

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library)distutils.rst, line 1); [backlink](#)

Unknown interpreted text role "mod".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library)distutils.rst, line 4)

Unknown directive type "module".

```
.. module:: distutils
   :synopsis: Support for building and installing Python modules into an
             existing Python installation.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library)distutils.rst, line 8)

Unknown directive type "sectionauthor".

```
.. sectionauthor:: Fred L. Drake, Jr. <fdrake@acm.org>
```

:mod:`distutils` is deprecated with removal planned for Python 3.12. See the [:ref:`What's New <distutils-deprecated>`](#) entry for more information.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library)distutils.rst, line 12); [backlink](#)

Unknown interpreted text role "mod".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library)distutils.rst, line 12); [backlink](#)

Unknown interpreted text role "ref".

The :mod:`distutils` package provides support for building and installing additional modules into a Python installation. The new modules may be either 100%-pure Python, or may be extension modules written in C, or may be collections of Python packages which include modules coded in both Python and C.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library)distutils.rst, line 17); [backlink](#)

Unknown interpreted text role "mod".

Most Python users will *not* want to use this module directly, but instead use the cross-version tools maintained by the Python Packaging Authority. In particular, [setuptools](#) is an enhanced alternative to :mod:`distutils` that provides:

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library)distutils.rst, line 22); [backlink](#)

Unknown interpreted text role "mod".

- support for declaring project dependencies
- additional mechanisms for configuring which files to include in source releases (including plugins for integration with version control systems)
- the ability to declare project "entry points", which can be used as the basis for application plugin systems
- the ability to automatically generate Windows command line executables at installation time rather than needing to prebuild them

- consistent behaviour across all supported Python versions

The recommended [pip](#) installer runs all `setup.py` scripts with `setuptools`, even if the script itself only imports `distutils`. Refer to the [Python Packaging User Guide](#) for more information.

For the benefits of packaging tool authors and users seeking a deeper understanding of the details of the current packaging and distribution system, the legacy `:mod:`distutils`` based user documentation and API reference remain available:

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library)distutils.rst, line 43); [backlink](#)

Unknown interpreted text role "mod".

- `:ref:`install-index``

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library)distutils.rst, line 48); [backlink](#)

Unknown interpreted text role "ref".

- `:ref:`distutils-index``

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ (cpython-main) (Doc) (library)distutils.rst, line 49); [backlink](#)

Unknown interpreted text role "ref".