

Development Tools

The modules described in this chapter help you write software. For example, the `:mod:`pydoc`` module takes a module and generates documentation based on the module's contents. The `:mod:`doctest`` and `:mod:`unittest`` modules contains frameworks for writing unit tests that automatically exercise code and verify that the expected output is produced. `:program`2to3`` can translate Python 2.x source code into valid Python 3.x code.

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

Unknown interpreted text role "mod".

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

Unknown interpreted text role "mod".

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

Unknown interpreted text role "mod".

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

Unknown interpreted text role "program".

The list of modules described in this chapter is:

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

Unknown directive type "toctree".

```
.. toctree::

    typing.rst
    pydoc.rst
    devmode.rst
    doctest.rst
    unittest.rst
    unittest.mock.rst
    unittest.mock-examples.rst
    2to3.rst
    test.rst
```