Concurrent Execution

The modules described in this chapter provide support for concurrent execution of code. The appropriate choice of tool will depend on the task to be executed (CPU bound vs IO bound) and preferred style of development (event driven cooperative multitasking vs preemptive multitasking). Here's an overview:

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\(cpython-main)(Doc)(library)concurrency.rst, line 14)

Unknown directive type "toctree".

```
.. toctree::

    threading.rst
    multiprocessing.rst
    multiprocessing.shared_memory.rst
    concurrent.rst
    concurrent.futures.rst
    subprocess.rst
    sched.rst
    queue.rst
    contextvars.rst
```

The following are support modules for some of the above services:

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\(cpython-main)(Doc)(library)concurrency.rst, line 29)

Unknown directive type "toctree".

```
.. toctree::

    _thread.rst
```