

# Exceptions

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ [cpython-main] [Doc] [library]asyncio-exceptions.rst, line 1)**

Unknown directive type "currentmodule".

```
.. currentmodule:: asyncio
```

**Source code:** `:source:`Lib/asyncio/exceptions.py``

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ [cpython-main] [Doc] [library]asyncio-exceptions.rst, line 10); [backlink](#)**

Unknown interpreted text role "source".

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ [cpython-main] [Doc] [library]asyncio-exceptions.rst, line 14)**

Unknown directive type "exception".

```
.. exception:: TimeoutError
```

A deprecated alias of `:exc:`TimeoutError``,  
raised when the operation has exceeded the given deadline.

```
.. versionchanged:: 3.11
```

This class was made an alias of `:exc:`TimeoutError``.

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ [cpython-main] [Doc] [library]asyncio-exceptions.rst, line 24)**

Unknown directive type "exception".

```
.. exception:: CancelledError
```

The operation has been cancelled.

This exception can be caught to perform custom operations  
when `asyncio Tasks` are cancelled. In almost all situations the  
exception must be re-raised.

```
.. versionchanged:: 3.8
```

`:exc:`CancelledError`` is now a subclass of `:class:`BaseException``.

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ [cpython-main] [Doc] [library]asyncio-exceptions.rst, line 37)**

Unknown directive type "exception".

```
.. exception:: InvalidStateError
```

Invalid internal state of `:class:`Task`` or `:class:`Future``.

Can be raised in situations like setting a result value for a  
`*Future*` object that already has a result value set.

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\ [cpython-main] [Doc] [library]asyncio-exceptions.rst, line 45)**

Unknown directive type "exception".

```
.. exception:: SendfileNotAvailableError
```

The "sendfile" syscall is not available for the given socket or file type.

A subclass of :exc:`RuntimeError`.

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]asyncio-exceptions.rst, line 53)**

Unknown directive type "exception".

```
.. exception:: IncompleteReadError
```

The requested read operation did not complete fully.

Raised by the :ref:`asyncio stream APIs<asyncio-streams>`.

This exception is a subclass of :exc:`EOFError`.

```
.. attribute:: expected
```

The total number (:class:`int`) of expected bytes.

```
.. attribute:: partial
```

A string of :class:`bytes` read before the end of stream was reached.

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]asyncio-exceptions.rst, line 70)**

Unknown directive type "exception".

```
.. exception:: LimitOverrunError
```

Reached the buffer size limit while looking for a separator.

Raised by the :ref:`asyncio stream APIs <asyncio-streams>`.

```
.. attribute:: consumed
```

The total number of to be consumed bytes.