

# Coroutine Objects

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

Unknown directive type "highlight".

```
.. highlight:: c
```

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\c-api\[cpython-main] [Doc] [c-api] coro.rst, line 8)**

Unknown directive type "versionadded".

```
.. versionadded:: 3.5
```

Coroutine objects are what functions declared with an `async` keyword return.

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

Unknown directive type "c:type".

```
.. c:type:: PyCoroObject

    The C structure used for coroutine objects.
```

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\c-api\[cpython-main] [Doc] [c-api] coro.rst, line 19)**

Unknown directive type "c:var".

```
.. c:var:: PyTypeObject PyCoro_Type

    The type object corresponding to coroutine objects.
```

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

Unknown directive type "c:function".

```
.. c:function:: int PyCoro_CheckExact(PyObject *ob)

    Return true if *ob*'s type is :c:type:`PyCoro_Type`; *ob* must not be ``NULL``.
    This function always succeeds.
```

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\c-api\[cpython-main] [Doc] [c-api] coro.rst, line 30)**

Unknown directive type "c:function".

```
.. c:function:: PyObject* PyCoro_New(PyFrameObject *frame, PyObject *name, PyObject *qualname)

    Create and return a new coroutine object based on the *frame* object,
    with ``__name__`` and ``__qualname__`` set to *name* and *qualname*.
    A reference to *frame* is stolen by this function. The *frame* argument
    must not be ``NULL``.
```