

# Frame Objects

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\c-api\[cpython-main] [Doc] [c-api] frame.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] frame.rst, line 6)**

Unknown directive type "c.type".

```
.. c:type:: PyFrameObject
```

The C structure of the objects used to describe frame objects.

There are no public members in this structure.

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

The members of this structure were removed from the public C API. Refer to the :ref:`What's New entry <pyframeobject-3.11-hiding>` for details.

The :c:func:`PyEval\_GetFrame` and :c:func:`PyThreadState\_GetFrame` functions can be used to get a frame object.

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

Unknown interpreted text role "c:func".

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

Unknown interpreted text role "c:func".

See also :ref:`Reflection <reflection>`.

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\c-api\[cpython-main] [Doc] [c-api] frame.rst, line 20); [backlink](#)**

Unknown interpreted text role "ref".

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\c-api\[cpython-main] [Doc] [c-api] frame.rst, line 23)**

Unknown directive type "c:function".

```
.. c:function:: PyFrameObject* PyFrame_GetBack(PyFrameObject *frame)
```

Get the \*frame\* next outer frame.

Return a :term:`strong reference`, or ``NULL`` if \*frame\* has no outer frame.

\*frame\* must not be ``NULL``.

```
.. versionadded:: 3.9
```

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\c-api\[cpython-main] [Doc] [c-api] frame.rst, line 35)**

Unknown directive type "c:function".

```
.. c:function:: PyObject* PyFrame_GetBuiltins(PyFrameObject *frame)
```

```
Get the *frame*'s ``f_builtins`` attribute.  
  
Return a :term:`strong reference`. The result cannot be ``NULL``.  
  
*frame* must not be ``NULL``.  
  
.. versionadded:: 3.11
```

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\c-api\[cpython-main] [Doc] [c-api] frame.rst, line 46)**

Unknown directive type "c:function".

```
.. c:function:: PyCodeObject* PyFrame_GetCode(PyFrameObject *frame)  
  
Get the *frame* code.  
  
Return a :term:`strong reference`.  
  
*frame* must not be ``NULL``. The result (frame code) cannot be ``NULL``.  
  
.. versionadded:: 3.9
```

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\c-api\[cpython-main] [Doc] [c-api] frame.rst, line 57)**

Unknown directive type "c:function".

```
.. c:function:: PyObject* PyFrame_GetGenerator(PyFrameObject *frame)  
  
Get the generator, coroutine, or async generator that owns this frame,  
or ``NULL`` if this frame is not owned by a generator.  
Does not raise an exception, even if the return value is ``NULL``.  
  
Return a :term:`strong reference`, or ``NULL``.  
  
*frame* must not be ``NULL``.  
  
.. versionadded:: 3.11
```

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

Unknown directive type "c:function".

```
.. c:function:: PyObject* PyFrame_GetGlobals(PyFrameObject *frame)  
  
Get the *frame*'s ``f_globals`` attribute.  
  
Return a :term:`strong reference`. The result cannot be ``NULL``.  
  
*frame* must not be ``NULL``.  
  
.. versionadded:: 3.11
```

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\c-api\[cpython-main] [Doc] [c-api] frame.rst, line 81)**

Unknown directive type "c:function".

```
.. c:function:: PyObject* PyFrame_GetLocals(PyFrameObject *frame)  
  
Get the *frame*'s ``f_locals`` attribute (:class:`dict`).  
  
Return a :term:`strong reference`.  
  
*frame* must not be ``NULL``.
```

```
.. versionadded:: 3.11
```

**System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\c-api\[cpython-main] [Doc] [c-api] frame.rst, line 92)**

Unknown directive type "c:function".

```
.. c:function:: int PyFrame_GetLineNumber(PyFrameObject *frame)
```

Return the line number that *\*frame\** is currently executing.

*\*frame\** must not be ``NULL``.