

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``.