

Boolean Objects

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

Unknown directive type "highlight".

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

Booleans in Python are implemented as a subclass of integers. There are only two booleans, `:const:'Py_False'` and `:const:'Py_True'`. As such, the normal creation and deletion functions don't apply to booleans. The following macros are available, however.

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Unknown interpreted text role "const".

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Unknown interpreted text role "const".

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Unknown directive type "c:function".

```
.. c:function:: int PyBool_Check(PyObject *o)

Return true if *o* is of type :c:data:`PyBool_Type`. This function always
succeeds.
```

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Unknown directive type "c:var".

```
.. c:var:: PyObject* Py_False

The Python ``False`` object. This object has no methods. It needs to be
treated just like any other object with respect to reference counts.
```

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Unknown directive type "c:var".

```
.. c:var:: PyObject* Py_True

The Python ``True`` object. This object has no methods. It needs to be treated
just like any other object with respect to reference counts.
```

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Unknown directive type "cmacro".

```
.. c:macro:: Py_RETURN_FALSE

Return :const:'Py_False' from a function, properly incrementing its reference
count.
```

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Unknown directive type "c:macro".

```
.. c:macro:: Py_RETURN_TRUE
```

Return :const:`Py_True` from a function, properly incrementing its reference count.

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Unknown directive type "c:function".

```
.. c:function:: PyObject* PyBool_FromLong(long v)
```

Return a new reference to :const:`Py_True` or :const:`Py_False` depending on the truth value of *v*.