Generator Objects

Generator objects are what Python uses to implement generator iterators. They are normally created by iterating over a function that yields values, rather than explicitly calling :c:func:`PyGen_New` or :c:func:`PyGen_NewWithQualName`.

```
Create and return a new generator object based on the *frame* object.
A reference to *frame* is stolen by this function. The argument must not be
``NULL``.
```

```
.. c:function:: PyObject* PyGen_NewWithQualName(PyFrameObject *frame, PyObject *name, PyObject *qualn

   Create and return a new generator 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``.
```