Built-in Exceptions

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

Unknown directive type "index".

```
.. index::
    statement: try
    statement: except
```

In Python, all exceptions must be instances of a class that derives from class: BaseException. In a :keyword: 'try' statement with an :keyword: 'except' clause that mentions a particular class, that clause also handles any exception classes derived from that class (but not exception classes from which *it* is derived). Two exception classes that are not related via subclassing are never equivalent, even if they have the same name.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 10); backlink

Unknown interpreted text role "class".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 10); backlink

Unknown interpreted text role "keyword".

 $System\,Message: ERROR/3~(\texttt{D:}\onboarding-resources}\cpython-main\Doc\library\[cpython-main\][Doc]~[library\]exceptions.rst, line~10); backlink$

Unknown interpreted text role "keyword".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 17)

Unknown directive type "index".

```
.. index:: statement: raise
```

The built-in exceptions listed below can be generated by the interpreter or built-in functions. Except where mentioned, they have an "associated value" indicating the detailed cause of the error. This may be a string or a tuple of several items of information (e.g., an error code and a string explaining the code). The associated value is usually passed as arguments to the exception class's constructor.

User code can raise built-in exceptions. This can be used to test an exception handler or to report an error condition "just like" the situation in which the interpreter raises the same exception; but beware that there is nothing to prevent user code from raising an inappropriate error.

The built-in exception classes can be subclassed to define new exceptions; programmers are encouraged to derive new exceptions from the :exc: Exception' class or one of its subclasses, and not from :exc: BaseException'. More information on defining exceptions is available in the Python Tutorial under :ref: 'tut-userexceptions'.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 31); backlink

Unknown interpreted text role "exc".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 31); backlink

Unknown interpreted text role "exc".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 31); backlink

Unknown interpreted text role "ref".

Exception context

When raising a new exception while another exception is already being handled, the new exception's :attr:`__context__` attribute is automatically set to the handled exception. An exception may be handled when an :keyword:`except` or :keyword:`finally` clause, or a :keyword:`with` statement, is used.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 41); backlink

Unknown interpreted text role "attr".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 41); backlink

Unknown interpreted text role "keyword".

 $System\,Message: ERROR/3~(\texttt{D:}\onboarding-resources}\cpython-main\Doc\library\[cpython-main\][Doc]~[library\]\exceptions.rst, line~41); \\ backlink$

Unknown interpreted text role "keyword".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 41); backlink

Unknown interpreted text role "keyword".

This implicit exception context can be supplemented with an explicit cause by using 'keyword:' 'Ifrom' with 'keyword: 'raise':

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 47); backlink

Unknown interpreted text role "keyword".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 47); backlink

Unknown interpreted text role "keyword".

raise new exc from original exc

The expression following 'keyword: 'from<raise>' must be an exception or None. It will be set as 'attr:' __cause__' on the raised exception. Setting 'attr:' __cause__' also implicitly sets the 'attr:' __suppress_context__' attribute to True, so that using raise new_exc from None effectively replaces the old exception with the new one for display purposes (e.g. converting exc:'KeyError' to exc:'AttributeError'), while leaving the old exception available in 'attr:' __context__' for introspection when debugging.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 53); backlink

Unknown interpreted text role "keyword".

 $System\,Message: ERROR/3~(\texttt{D:}\onboarding-resources}\cpython-main\Doc\library\[cpython-main\] [Doc]~[library\] exceptions.rst, line~53); \\ backlink$

Unknown interpreted text role "attr".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 53); backlink

Unknown interpreted text role "attr".

 $System\,Message: ERROR/3~(\texttt{D:}\onboarding-resources}\cpython-main\Doc\library\[cpython-main\] [Doc]~[library]~exceptions.rst, line~53); \\ backlink$

Unknown interpreted text role "attr".

 $System\,Message: ERROR/3~(\texttt{D:}\onboarding-resources}\cpython-main\Doc\library\[cpython-main\] [Doc]~[library\] exceptions.rst, line~53); \\ backlink$

Unknown interpreted text role "exc".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 53); backlink

Unknown interpreted text role "exc".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 53); backlink

Unknown interpreted text role "attr".

The default traceback display code shows these chained exceptions in addition to the traceback for the exception itself. An explicitly chained exception in <a href="mattr:"at

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]exceptions.rst, line 62); backlink

Unknown interpreted text role "attr".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 62); backlink

Unknown interpreted text role "attr".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 62); backlink

Unknown interpreted text role "attr".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main][Doc][library]exceptions.rst, line 62); backlink

Unknown interpreted text role "const".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 62); backlink

Unknown interpreted text role "attr".

In either case, the exception itself is always shown after any chained exceptions so that the final line of the traceback always shows the last exception that was raised.

Inheriting from built-in exceptions

User code can create subclasses that inherit from an exception type. It's recommended to only subclass one exception type at a time to avoid any possible conflicts between how the bases handle the args attribute, as well as due to possible memory layout incompatibilities.

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

Unknown directive type "impl-detail".

.. impl-detail::

Most built-in exceptions are implemented in C for efficiency, see: :source:`Objects/exceptions.c`. Some have custom memory layouts which makes it impossible to create a subclass that inherits from multiple exception types. The memory layout of a type is an implementation detail and might change between Python versions, leading to new conflicts in the future. Therefore, it's recommended to avoid subclassing multiple exception types altogether.

Base classes

The following exceptions are used mostly as base classes for other exceptions.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 97)

Unknown directive type "exception".

.. exception:: BaseException

The base class for all built-in exceptions. It is not meant to be directly inherited by user-defined classes (for that, use :exc:`Exception`). If :func:`str` is called on an instance of this class, the representation of the argument(s) to the instance are returned, or the empty string when there were no arguments.

.. attribute:: args

The tuple of arguments given to the exception constructor. Some built-in exceptions (like :exc:`OSError`) expect a certain number of arguments and assign a special meaning to the elements of this tuple, while others are usually called only with a single string giving an error message.

.. method:: with traceback(tb)

This method sets *tb* as the new traceback for the exception and returns the exception object. It was more commonly used before the exception chaining features of :pep:`3134` became available. The following example shows how we can convert an instance of ``SomeException`` into an instance of ``OtherException`` while preserving the traceback. Once raised, the current frame is pushed onto the traceback of the ``OtherException``, as would have happened to the traceback of the original ``SomeException`` had we allowed it to propagate to the caller. ::

```
try:
    ...
except SomeException:
    tb = sys.exc_info()[2]
    raise OtherException(...).with traceback(tb)
```

.. attribute:: __note__

A mutable field which is :const:`None` by default and can be set to a string. If it is not :const:`None`, it is included in the traceback. This field can be used to enrich exceptions after they have been caught.

.. versionadded:: 3.11

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main][Doc][library]exceptions.rst, line 138)

Unknown directive type "exception".

.. exception:: Exception

All built-in, non-system-exiting exceptions are derived from this class. All user-defined exceptions should also be derived from this class.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 144)

Unknown directive type "exception".

```
.. exception:: ArithmeticError
```

The base class for those built-in exceptions that are raised for various arithmetic errors: :exc:`OverflowError`, :exc:`ZeroDivisionError`, :exc:`FloatingPointError`.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]exceptions.rst, line 151)

Unknown directive type "exception".

performed.

.. exception:: BufferError

Raised when a :ref:`buffer <bufferobjects>` related operation cannot be

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 157)

Unknown directive type "exception".

.. exception:: LookupError

The base class for the exceptions that are raised when a key or index used on a mapping or sequence is invalid: :exc:`IndexError`, :exc:`KeyError`. This can be raised directly by :func:`codecs.lookup`.

Concrete exceptions

The following exceptions are the exceptions that are usually raised.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 169)

Unknown directive type "exception".

```
.. exception:: AssertionError
.. index:: statement: assert
Raised when an :keyword:`assert` statement fails.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 176)

Unknown directive type "exception".

 \dots exception:: AttributeError

Raised when an attribute reference (see :ref:`attribute-references`) or assignment fails. (When an object does not support attribute references or attribute assignments at all, :exc:`TypeError` is raised.)

The :attr:`name` and :attr:`obj` attributes can be set using keyword-only arguments to the constructor. When set they represent the name of the attribute that was attempted to be accessed and the object that was accessed for said attribute, respectively.

.. versionchanged:: 3.10
 Added the :attr:`name` and :attr:`obj` attributes.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 190)

Unknown directive type "exception".

```
.. exception:: EOFError
```

Raised when the :func:`input` function hits an end-of-file condition (EOF) without reading any data. (N.B.: the :meth:`io.IOBase.read` and :meth:`io.IOBase.readline` methods return an empty string when they hit EOF.)

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 197)

Unknown directive type "exception".

```
.. exception:: FloatingPointError
Not currently used.
```

 $System\,Message: ERROR/3~(\texttt{D:}\onboarding-resources}\cpython-main\Doc\library\[cpython-main\][Doc]~[library\]exceptions.rst, line~202)$

Unknown directive type "exception".

 \dots exception:: GeneratorExit

Raised when a :term:`generator` or :term:`coroutine` is closed; see :meth:`generator.close` and :meth:`coroutine.close`. It directly inherits from :exc:`BaseException` instead of :exc:`Exception` since it is technically not an error.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 210)

Unknown directive type "exception".

```
.. exception:: ImportError
```

Raised when the :keyword:`import` statement has troubles trying to load a module. Also raised when the "from list" in ``from ... import`` has a name that cannot be found.

The :attr:`name` and :attr:`path` attributes can be set using keyword-only arguments to the constructor. When set they represent the name of the module that was attempted to be imported and the path to any file which triggered the exception, respectively.

.. versionchanged:: 3.3
 Added the :attr:`name` and :attr:`path` attributes.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 224)

Unknown directive type "exception".

```
.. exception:: ModuleNotFoundError
```

A subclass of :exc:`ImportError` which is raised by :keyword:`import` when a module could not be located. It is also raised when ``None`` is found in :data:`sys.modules`.

.. versionadded:: 3.6

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 233)

Unknown directive type "exception".

```
.. exception:: IndexError
```

Raised when a sequence subscript is out of range. (Slice indices are silently truncated to fall in the allowed range; if an index is not an integer, :exc:`TypeError` is raised.)

```
.. XXX xref to sequences
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 242)

Unknown directive type "exception".

.. exception:: KeyError

Raised when a mapping (dictionary) key is not found in the set of existing keys.

.. XXX xref to mapping objects?

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 249)

Unknown directive type "exception".

.. exception:: KeyboardInterrupt

Raised when the user hits the interrupt key (normally :kbd:`Control-C` or :kbd:`Delete`). During execution, a check for interrupts is made regularly. The exception inherits from :exc:`BaseException` so as to not be accidentally caught by code that catches :exc:`Exception` and thus prevent the interpreter from exiting.

.. note::

Catching a :exc:`KeyboardInterrupt` requires special consideration. Because it can be raised at unpredictable points, it may, in some circumstances, leave the running program in an inconsistent state. It is generally best to allow :exc:`KeyboardInterrupt` to end the program as quickly as possible or avoid raising it entirely. (See :ref:`handlers-and-exceptions`.)

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 267)

Unknown directive type "exception".

.. exception:: MemoryError

Raised when an operation runs out of memory but the situation may still be rescued (by deleting some objects). The associated value is a string indicating what kind of (internal) operation ran out of memory. Note that because of the underlying memory management architecture (C's:c:func:`malloc` function), the interpreter may not always be able to completely recover from this situation; it nevertheless raises an exception so that a stack traceback can be printed, in case a run-away program was the cause.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 278)

Unknown directive type "exception".

.. exception:: NameError

Raised when a local or global name is not found. This applies only to unqualified names. The associated value is an error message that includes the name that could not be found.

The :attr:`name` attribute can be set using a keyword-only argument to the constructor. When set it represent the name of the variable that was attempted to be accessed.

.. versionchanged:: 3.10
Added the :attr:`name` attribute.

Unknown directive type "exception".

.. exception:: NotImplementedError

This exception is derived from :exc:`RuntimeError`. In user defined base classes, abstract methods should raise this exception when they require derived classes to override the method, or while the class is being developed to indicate that the real implementation still needs to be added.

.. note::

It should not be used to indicate that an operator or method is not meant to be supported at all -- in that case either leave the operator / method undefined or, if a subclass, set it to :data:`None`.

.. note::

``NotImplementedError`` and ``NotImplemented`` are not interchangeable, even though they have similar names and purposes. See :data:`NotImplemented` for details on when to use it.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 311)

Unknown directive type "exception".

.. index:: module: errno

This exception is raised when a system function returns a system-related error, including I/O failures such as "file not found" or "disk full" (not for illegal argument types or other incidental errors).

The second form of the constructor sets the corresponding attributes, described below. The attributes default to :const:`None` if not specified. For backwards compatibility, if three arguments are passed, the :attr:`~BaseException.args` attribute contains only a 2-tuple of the first two constructor arguments.

The constructor often actually returns a subclass of :exc:`OSError`, as described in `OS exceptions`_ below. The particular subclass depends on the final :attr:`.errno` value. This behaviour only occurs when constructing :exc:`OSError` directly or via an alias, and is not inherited when subclassing.

.. attribute:: errno

A numeric error code from the C variable :c:data:`errno`.

.. attribute:: winerror

Under Windows, this gives you the native Windows error code. The :attr:`.errno` attribute is then an approximate translation, in POSIX terms, of that native error code.

Under Windows, if the *winerror* constructor argument is an integer, the :attr:`.errno` attribute is determined from the Windows error code, and the *errno* argument is ignored. On other platforms, the *winerror* argument is ignored, and the :attr:`winerror` attribute does not exist.

.. attribute:: strerror

The corresponding error message, as provided by the operating system. It is formatted by the C functions :c:func:`perror` under POSIX, and :c:func:`FormatMessage` under Windows.

.. attribute:: filename filename2

For exceptions that involve a file system path (such as :func:`open` or :func:`os.unlink`), :attr:`filename` is the file name passed to the function. For functions that involve two file system paths (such as :func:`os.rename`), :attr:`filename2` corresponds to the second file name passed to the function.

```
.. versionchanged:: 3.3
   :exc:`EnvironmentError`, :exc:`IOError`, :exc:`WindowsError`,
   :exc:`socket.error`, :exc:`select.error` and
   :exc:`mmap.error` have been merged into :exc:`OSError`, and the
   constructor may return a subclass.
```

.. versionchanged:: 3.4
The :attr:`filename` attribute is now the original file name passed to the function, instead of the name encoded to or decoded from the :term:`filesystem encoding and error handler`. Also, the *filename2* constructor argument and attribute was added.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 378)

Unknown directive type "exception".

.. exception:: OverflowError

Raised when the result of an arithmetic operation is too large to be represented. This cannot occur for integers (which would rather raise :exc:`MemoryError` than give up). However, for historical reasons, OverflowError is sometimes raised for integers that are outside a required range. Because of the lack of standardization of floating point exception handling in C, most floating point operations are not checked.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 388)

Unknown directive type "exception".

.. exception:: RecursionError

This exception is derived from :exc:`RuntimeError`. It is raised when the interpreter detects that the maximum recursion depth (see :func:`sys.getrecursionlimit`) is exceeded.

.. versionadded:: 3.5 Previously, a plain :exc:`RuntimeError` was raised.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 398)

Unknown directive type "exception".

.. exception:: ReferenceError

This exception is raised when a weak reference proxy, created by the :func:`weakref.proxy` function, is used to access an attribute of the referent after it has been garbage collected. For more information on weak references, see the :mod:`weakref` module.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 406)

Unknown directive type "exception".

.. exception:: RuntimeError

Raised when an error is detected that doesn't fall in any of the other categories. The associated value is a string indicating what precisely went wrong.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 413)

Unknown directive type "exception".

.. exception:: StopIteration Raised by built-in function :func:`next` and an :term:`iterator`\'s :meth:`~iterator. next ` method to signal that there are no further items produced by the iterator. The exception object has a single attribute :attr:`value`, which is given as an argument when constructing the exception, and defaults to :const:`None`. When a :term: `generator` or :term: `coroutine` function returns, a new :exc:`StopIteration` instance is raised, and the value returned by the function is used as the :attr:`value` parameter to the constructor of the exception. If a generator code directly or indirectly raises :exc:`StopIteration`, it is converted into a :exc:`RuntimeError` (retaining the :exc:`StopIteration` as the new exception's cause). .. versionchanged:: 3.3 Added ``value`` attribute and the ability for generator functions to use it to return a value. .. versionchanged:: 3.5 Introduced the RuntimeError transformation via `from __future__ import generator_stop``, see :pep:`479`. .. versionchanged:: 3.7 Enable :pep: `479` for all code by default: a :exc: `StopIteration` error raised in a generator is transformed into a :exc:`RuntimeError`.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpythonmain\Doc\library\[cpython-main][Doc][library]exceptions.rst, line 444)

Unknown directive type "exception".

```
.. exception:: StopAsyncIteration
  Must be raised by :meth: ` anext ` method of an
  :term:`asynchronous iterator` object to stop the iteration.
  .. versionadded:: 3.5
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpythonmain\Doc\library\[cpython-main][Doc][library]exceptions.rst, line 451)

Unknown directive type "exception".

.. attribute:: text

```
.. exception:: SyntaxError(message, details)
  Raised when the parser encounters a syntax error. This may occur in an
  :keyword: `import` statement, in a call to the built-in functions
  :func:`compile`, :func:`exec`,
or :func:`eval`, or when reading the initial script or standard input
  (also interactively).
  The :func:`str` of the exception instance returns only the error message.
  Details is a tuple whose members are also available as separate attributes.
   .. attribute:: filename
     The name of the file the syntax error occurred in.
   .. attribute:: lineno
      Which line number in the file the error occurred in. This is
     1-indexed: the first line in the file has a ``lineno`` of 1.
   .. attribute:: offset
      The column in the line where the error occurred. This is
      1-indexed: the first character in the line has an ``offset`` of 1.
```

The source code text involved in the error.

.. attribute:: end lineno

Which line number in the file the error occurred ends in. This is 1-indexed: the first line in the file has a ``lineno`` of 1.

.. attribute:: end offset

The column in the end line where the error occurred finishes. This is 1-indexed: the first character in the line has an ``offset`` of 1.

For errors in f-string fields, the message is prefixed by "f-string: " and the offsets are offsets in a text constructed from the replacement expression. For example, compiling f'Bad $\{a\ b\}$ field' results in this args attribute: ('f-string: ...', ('', 1, 2, '(a b)\n', 1, 5)).

.. versionchanged:: 3.10
 Added the :attr:`end_lineno` and :attr:`end_offset` attributes.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 498)

Unknown directive type "exception".

.. exception:: IndentationError

Base class for syntax errors related to incorrect indentation. This is a subclass of :exc:`SyntaxError`.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 504)

Unknown directive type "exception".

.. exception:: TabError

Raised when indentation contains an inconsistent use of tabs and spaces. This is a subclass of :exc:`IndentationError`.

 $System\,Message: ERROR/3~(\texttt{D:}\conboarding-resources}\conboarding-resources\\conboardin$

Unknown directive type "exception".

.. exception:: SystemError

Raised when the interpreter finds an internal error, but the situation does not look so serious to cause it to abandon all hope. The associated value is a string indicating what went wrong (in low-level terms).

You should report this to the author or maintainer of your Python interpreter. Be sure to report the version of the Python interpreter (``sys.version``; it is also printed at the start of an interactive Python session), the exact error message (the exception's associated value) and if possible the source of the program that triggered the error.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 523)

Unknown directive type "exception".

.. exception:: SystemExit

This exception is raised by the :func:`sys.exit` function. It inherits from :exc:`BaseException` instead of :exc:`Exception` so that it is not accidentally caught by code that catches :exc:`Exception`. This allows the exception to properly propagate up and cause the interpreter to exit. When it is not handled, the Python interpreter exits; no stack traceback is printed. The constructor accepts the same optional argument passed to :func:`sys.exit`.

If the value is an integer, it specifies the system exit status (passed to C's:c:func:`exit` function); if it is ``None``, the exit status is zero; if it has another type (such as a string), the object's value is printed and the exit status is one.

A call to :func:`sys.exit` is translated into an exception so that clean-up handlers (:keyword:`finally` clauses of :keyword:`try` statements) can be executed, and so that a debugger can execute a script without running the risk of losing control. The :func:`os._exit` function can be used if it is absolutely positively necessary to exit immediately (for example, in the child process after a call to :func:`os.fork`).

.. attribute:: code

The exit status or error message that is passed to the constructor. (Defaults to ``None``.)

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 549)

Unknown directive type "exception".

.. exception:: TypeError

Raised when an operation or function is applied to an object of inappropriate type. The associated value is a string giving details about the type mismatch.

This exception may be raised by user code to indicate that an attempted operation on an object is not supported, and is not meant to be. If an object is meant to support a given operation but has not yet provided an implementation, :exc:`NotImplementedError` is the proper exception to raise.

Passing arguments of the wrong type (e.g. passing a :class:`list` when an :class:`int` is expected) should result in a :exc:`TypeError`, but passing arguments with the wrong value (e.g. a number outside expected boundaries) should result in a :exc:`ValueError`.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 564)

Unknown directive type "exception".

.. exception:: UnboundLocalError

Raised when a reference is made to a local variable in a function or method, but no value has been bound to that variable. This is a subclass of :exc:`NameError`.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 571)

Unknown directive type "exception".

.. exception:: UnicodeError

Raised when a Unicode-related encoding or decoding error occurs. It is a subclass of :exc:`ValueError`.

:exc:`UnicodeError` has attributes that describe the encoding or decoding
error. For example, ``err.object[err.start:err.end]`` gives the particular
invalid input that the codec failed on.

.. attribute:: encoding

The name of the encoding that raised the error.

.. attribute:: reason

A string describing the specific codec error.

.. attribute:: object

The object the codec was attempting to encode or decode.

```
.. attribute:: start
   The first index of invalid data in :attr:`object`.
.. attribute:: end
   The index after the last invalid data in :attr:`object`.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library]exceptions.rst, line 601)

Unknown directive type "exception".

.. exception:: UnicodeEncodeError

Raised when a Unicode-related error occurs during encoding. It is a subclass of :exc:`UnicodeError`.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 607)

Unknown directive type "exception".

.. exception:: UnicodeDecodeError

Raised when a Unicode-related error occurs during decoding. It is a subclass of $exc:\UnicodeError\$.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 613)

Unknown directive type "exception".

.. exception:: UnicodeTranslateError

Raised when a Unicode-related error occurs during translating. It is a subclass of :exc:`UnicodeError`.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 619)

Unknown directive type "exception".

.. exception:: ValueError

Raised when an operation or function receives an argument that has the right type but an inappropriate value, and the situation is not described by a more precise exception such as :exc:`IndexError`.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 626)

Unknown directive type "exception".

.. exception:: ZeroDivisionError

Raised when the second argument of a division or modulo operation is zero. The associated value is a string indicating the type of the operands and the operation.

The following exceptions are kept for compatibility with previous versions; starting from Python 3.3, they are aliases of :exc: 'OSError'.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 633); backlink

Unknown interpreted text role "exc".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 636)

Unknown directive type "exception".

.. exception:: EnvironmentError

 $System\,Message: ERROR/3~(\texttt{D:}\onboarding-resources}\cpython-main\Doc\library\[cpython-main\]~(\texttt{Doc}\]~(\texttt{Dibrary}\exceptions.rst, line~638)$

Unknown directive type "exception".

.. exception:: IOError

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 640)

Unknown directive type "exception".

.. exception:: WindowsError
Only available on Windows.

OS exceptions

The following exceptions are subclasses of :exc: OSError, they get raised depending on the system error code.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 648); backlink

Unknown interpreted text role "exc".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 651)

Unknown directive type "exception".

.. exception:: BlockingIOError

Raised when an operation would block on an object (e.g. socket) set for non-blocking operation.

Corresponds to :c:data:`errno`:py:data:`~errno.EAGAIN`, :py:data:`~errno.EALREADY`:py:data:`~errno.EWOULDBLOCK` and :py:data:`~errno.EINPROGRESS`.

In addition to those of :exc: OSError, :exc: BlockingIOError can have one more attribute:

 \dots attribute:: characters_written

An integer containing the number of characters written to the stream before it blocked. This attribute is available when using the buffered I/O classes from the :mod:`io` module.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 667)

Unknown directive type "exception".

```
.. exception:: ChildProcessError

Raised when an operation on a child process failed.
Corresponds to :c:data:`errno` :py:data:`~errno.ECHILD`.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 672)

Unknown directive type "exception".

```
.. exception:: ConnectionError

A base class for connection-related issues.

Subclasses are :exc:`BrokenPipeError`, :exc:`ConnectionAbortedError`,
:exc:`ConnectionRefusedError` and :exc:`ConnectionResetError`.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 679)

Unknown directive type "exception".

.. exception:: BrokenPipeError

```
A subclass of :exc:`ConnectionError`, raised when trying to write on a pipe while the other end has been closed, or trying to write on a socket which has been shutdown for writing.

Corresponds to :c:data:`errno`:py:data:`~errno.EPIPE` and :py:data:`~errno.ESHUTDOWN`.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 686)

Unknown directive type "exception".

```
.. exception:: ConnectionAbortedError
A subclass of :exc:`ConnectionError`, raised when a connection attempt
is aborted by the peer.
Corresponds to :c:data:`errno` :py:data:`~errno.ECONNABORTED`.
```

 $System\,Message: ERROR/3~(\texttt{D:}\onboarding-resources}\cpython-main\Doc\library\[cpython-main\]~(\texttt{Doc}\]~(\texttt{Dibrary}\exceptions.rst,}~ine~692)$

Unknown directive type "exception".

```
.. exception:: ConnectionRefusedError
A subclass of :exc:`ConnectionError`, raised when a connection attempt
is refused by the peer.
Corresponds to :c:data:`errno` :py:data:`~errno.ECONNREFUSED`.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 698)

Unknown directive type "exception".

```
.. exception:: ConnectionResetError

A subclass of :exc:`ConnectionError`, raised when a connection is reset by the peer.
Corresponds to :c:data:`errno` :py:data:`~errno.ECONNRESET`.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 704)

Unknown directive type "exception".

```
.. exception:: FileExistsError

Raised when trying to create a file or directory which already exists.

Corresponds to :c:data:`errno` :py:data:`~errno.EEXIST`.
```

main\Doc\library\[cpython-main][Doc][library]exceptions.rst, line 709)

Unknown directive type "exception".

```
.. exception:: FileNotFoundError

Raised when a file or directory is requested but doesn't exist.

Corresponds to :c:data:`errno`:py:data:`~errno.ENOENT`.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 714)

Unknown directive type "exception".

```
.. exception:: InterruptedError

Raised when a system call is interrupted by an incoming signal.
Corresponds to :c:data:`errno` :py:data:`~errno.EINTR`.
```

```
.. versionchanged:: 3.5
  Python now retries system calls when a syscall is interrupted by a
  signal, except if the signal handler raises an exception (see :pep:`475`
  for the rationale), instead of raising :exc:`InterruptedError`.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 724)

Unknown directive type "exception".

```
.. exception:: IsADirectoryError

Raised when a file operation (such as :func:`os.remove`) is requested
on a directory.
Corresponds to :c:data:`errno` :py:data:`~errno.EISDIR`.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 730)

Unknown directive type "exception".

.. exception:: NotADirectoryError

Raised when a directory operation (such as :func:`os.listdir`) is requested on something which is not a directory. On most POSIX platforms, it may also be raised if an operation attempts to open or traverse a non-directory file as if it were a directory.

Corresponds to :c:data:`errno` :py:data:`~errno.ENOTDIR`.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 738)

Unknown directive type "exception".

```
.. exception:: PermissionError

Raised when trying to run an operation without the adequate access rights - for example filesystem permissions.

Corresponds to :c:data:`errno`:py:data:`~errno.EACCES` and :py:data:`~errno.EPERM`
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 744)

Unknown directive type "exception".

```
.. exception:: ProcessLookupError
Raised when a given process doesn't exist.
Corresponds to :c:data:`errno` :py:data:`~errno.ESRCH`.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 749)

Unknown directive type "exception".

```
.. exception:: TimeoutError

Raised when a system function timed out at the system level.
Corresponds to :c:data:`errno` :py:data:`~errno.ETIMEDOUT`.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 754)

Unknown directive type "versionadded".

```
.. versionadded:: 3.3
  All the above :exc:`OSError` subclasses were added.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 758)

Unknown directive type "seealso".

```
.. seealso::
    :pep:`3151` - Reworking the OS and IO exception hierarchy
```

Warnings

The following exceptions are used as warning categories; see the ref. warning-categories' documentation for more details.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 768); backlink

Unknown interpreted text role 'ref'.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 771)

Unknown directive type "exception".

```
.. exception:: Warning

Base class for warning categories.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 776)

Unknown directive type "exception".

```
.. exception:: UserWarning
Base class for warnings generated by user code.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 781)

Unknown directive type "exception".

```
.. exception:: DeprecationWarning
```

Base class for warnings about deprecated features when those warnings are intended for other Python developers.

Ignored by the default warning filters, except in the ``__main__`` module (:pep:`565`). Enabling the :ref:`Python Development Mode <devmode>` shows this warning.

The deprecation policy is described in :pep:`387`.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 793)

Unknown directive type "exception".

.. exception:: PendingDeprecationWarning

Base class for warnings about features which are obsolete and expected to be deprecated in the future, but are not deprecated at the moment.

This class is rarely used as emitting a warning about a possible upcoming deprecation is unusual, and :exc:`DeprecationWarning` is preferred for already active deprecations.

Ignored by the default warning filters. Enabling the :ref:`Python Development Mode <devmode>` shows this warning.

The deprecation policy is described in :pep:`387`.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 809)

Unknown directive type "exception".

.. exception:: SyntaxWarning

Base class for warnings about dubious syntax.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 814)

Unknown directive type "exception".

.. exception:: RuntimeWarning

Base class for warnings about dubious runtime behavior.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 819)

Unknown directive type "exception".

.. exception:: FutureWarning

Base class for warnings about deprecated features when those warnings are intended for end users of applications that are written in Python.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 825)

Unknown directive type "exception".

.. exception:: ImportWarning

Base class for warnings about probable mistakes in module imports.

Ignored by the default warning filters. Enabling the :ref:`Python Development Mode <devmode>` shows this warning.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main][Doc][library]exceptions.rst, line 833)

Unknown directive type "exception".

.. exception:: UnicodeWarning

Base class for warnings related to Unicode.

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 838)

Unknown directive type "exception".

```
.. exception:: EncodingWarning
Base class for warnings related to encodings.
See :ref:`io-encoding-warning` for details.
.. versionadded:: 3.10
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 847)

Unknown directive type "exception".

```
.. exception:: BytesWarning
Base class for warnings related to :class:`bytes` and :class:`bytearray`.
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 852)

Unknown directive type "exception".

```
.. exception:: ResourceWarning
   Base class for warnings related to resource usage.
   Ignored by the default warning filters. Enabling the :ref:`Python Development Mode <devmode>` shows this warning.
   .. versionadded:: 3.2
```

Exception groups

The following are used when it is necessary to raise multiple unrelated exceptions. They are part of the exception hierarchy so they can be handled with :keyword: 'except' like all other exceptions. In addition, they are recognised by :keyword: 'except* <except_star>', which matches their subgroups based on the types of the contained exceptions.

 $System \, Message: ERROR/3 \, (\texttt{D:\noboarding-resources\scapple-onboarding-resources\cpython-main\poc\library\cpython-main\proc\cpython-m$

Unknown interpreted text role "keyword".

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 865); backlink

Unknown interpreted text role "keyword".

main\Doc\library\[cpython-main][Doc][library]exceptions.rst, line 871)

Unknown directive type "exception".

```
.. exception:: ExceptionGroup(msg, excs)
```

System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 872)

Unknown directive type "exception".

.. exception:: BaseExceptionGroup(msg, excs)

Both of these exception types wrap the exceptions in the sequence ``excs``. The ``msg`` parameter must be a string. The difference between the two classes is that :exc:`BaseExceptionGroup` extends :exc:`BaseException` and it can wrap any exception, while :exc:`ExceptionGroup` extends :exc:`Exception` and it can only wrap subclasses of :exc:`Exception`. This design is so that ``except Exception`` catches an :exc:`ExceptionGroup` but not :exc:`BaseExceptionGroup`.

The :exc:`BaseExceptionGroup` constructor returns an :exc:`ExceptionGroup` rather than a :exc:`BaseExceptionGroup` if all contained exceptions are :exc:`Exception` instances, so it can be used to make the selection automatic. The :exc:`ExceptionGroup` constructor, on the other hand, raises a :exc:`TypeError` if any contained exception is not an :exc:`Exception` subclass.

.. attribute:: message

The ``msg`` argument to the constructor. This is a read-only attribute.

.. attribute:: exceptions

A tuple of the exceptions in the ``excs`` sequence given to the constructor. This is a read-only attribute.

.. method:: subgroup(condition)

Returns an exception group that contains only the exceptions from the current group that match *condition*, or ``None`` if the result is empty.

The condition can be either a function that accepts an exception and returns true for those that should be in the subgroup, or it can be an exception type or a tuple of exception types, which is used to check for a match using the same check that is used in an ``except`` clause.

The nesting structure of the current exception is preserved in the result, as are the values of its :attr:`message`, :attr:`_traceback__`, :attr:`_cause__`, :attr:`_context__` and :attr:`_note__` fields.

Empty nested groups are omitted from the result.

The condition is checked for all exceptions in the nested exception group, including the top-level and any nested exception groups. If the condition is true for such an exception group, it is included in the result in full.

.. method:: split(condition)

Like :meth:`subgroup`, but returns the pair ``(match, rest)`` where ``match`` is ``subgroup(condition)`` and ``rest`` is the remaining non-matching part.

.. method:: derive(excs)

```
Returns an exception group with the same :attr:`message`, :attr:`_traceback__`, :attr:`_cause__`, :attr:`_context__` and :attr:`_note__` but which wraps the exceptions in ``excs``.
```

This method is used by :meth:`subgroup` and :meth:`split`. A subclass needs to override it in order to make :meth:`subgroup` and :meth:`split` return instances of the subclass rather than :exc:`ExceptionGroup`. ::

```
>>> class MyGroup(ExceptionGroup):
...         def derive(self, exc):
...         return MyGroup(self.message, exc)
...
>>> MyGroup("eg", [ValueError(1), TypeError(2)]).split(TypeError)
(MyGroup('eg', [TypeError(2)]), MyGroup('eg', [ValueError(1)]))
```

Exception hierarchy

The class hierarchy for built-in exceptions is:

```
System Message: ERROR/3 (D:\onboarding-resources\sample-onboarding-resources\cpython-main\Doc\library\[cpython-main] [Doc] [library] exceptions.rst, line 964)

Unknown directive type "literalinclude".

.. literalinclude:: ../../Lib/test/exception_hierarchy.txt
:language: text
```