

Exception hierarchy

The class hierarchy for built-in exceptions is:

```
BaseException
+-- SystemExit
+-- KeyboardInterrupt
+-- GeneratorExit
+-- Exception
    +-- StopIteration
    +-- StopAsyncIteration
    +-- ArithmeticError
    |   +-- FloatingPointError
    |   +-- OverflowError
    |   +-- ZeroDivisionError
    +-- AssertionError
    +-- AttributeError
    +-- BufferError
    +-- EOFError
    +-- ImportError
    +-- LookupError
    |   +-- IndexError
    |   +-- KeyError
    +-- MemoryError
    +-- NameError
    |   +-- UnboundLocalError
    +-- OSError
    |   +-- BlockingIOError
    |   +-- ChildProcessError
    |   +-- ConnectionError
    |   |   +-- BrokenPipeError
    |   |   +-- ConnectionAbortedError
    |   |   +-- ConnectionRefusedError
    |   |   +-- ConnectionResetError
    |   +-- FileExistsError
    |   +-- FileNotFoundError
    |   +-- InterruptedError
    |   +-- IsADirectoryError
    |   +-- NotADirectoryError
    |   +-- PermissionError
    |   +-- ProcessLookupError
    |   +-- TimeoutError
    +-- ReferenceError
    +-- RuntimeError
    |   +-- NotImplementedError
    |   +-- RecursionError
    +-- SyntaxError
    |   +-- IndentationError
    |   +-- TabError
    +-- SystemError
    +-- TypeError
    +-- ValueError
```

```
|      +-- UnicodeError
|      +-- UnicodeDecodeError
|      +-- UnicodeEncodeError
|      +-- UnicodeTranslateError
+-- Warning
    +-- DeprecationWarning
    +-- PendingDeprecationWarning
    +-- RuntimeWarning
    +-- SyntaxWarning
    +-- UserWarning
    +-- FutureWarning
    +-- ImportWarning
    +-- UnicodeWarning
    +-- BytesWarning
    +-- ResourceWarning
```