

**Stdlib root:** /usr/lib/python3.12  
**Total public modules:** 464  
**Failed imports:** 6 (listed at end)



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- unittest.suite
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- xml.dom
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- xml.parsers
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- xmlrpc.server

# abc

## Classes

```
[
    ABC,
    ABCMeta,
    abstractclassmethod,
    abstractproperty,
    abstractstaticmethod
]
```

## Functions

```
[
    abstractmethod,
    get_cache_token,
    update_abstractmethods
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from abc import ABC
from abc import ABCMeta
from abc import abstractclassmethod
from abc import abstractproperty
from abc import abstractstaticmethod
```

### # Functions

```
from abc import abstractmethod
from abc import get_cache_token
from abc import update_abstractmethods
```

### # Sentinels / Constants / Objects

```
(none)
```

# aifc

## Classes

```
[  
    Error  
]
```

## Functions

```
[  
    open  
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from aifc import Error
```

### # Functions

```
from aifc import open
```

### # Sentinels / Constants / Objects

```
(none)
```

# antigravity

## Classes

[ ]

## Functions

```
[  
    geohash  
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from antigravity import geohash
```

### # Sentinels / Constants / Objects

(none)

# argparse

## Classes

```
[
    Action,
    ArgumentDefaultsHelpFormatter,
    ArgumentError,
    ArgumentParser,
    ArgumentTypeError,
    BooleanOptionalAction,
    FileType,
    HelpFormatter,
    MetavarTypeHelpFormatter,
    Namespace,
    RawDescriptionHelpFormatter,
    RawTextHelpFormatter
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[
    ONE_OR_MORE,
    OPTIONAL,
    PARSER,
    REMAINDER,
    SUPPRESS,
    ZERO_OR_MORE
]
```

## Import statements

### # Classes

```
from argparse import Action
from argparse import ArgumentDefaultsHelpFormatter
from argparse import ArgumentError
from argparse import ArgumentParser
from argparse import ArgumentTypeError
from argparse import BooleanOptionalAction
from argparse import FileType
from argparse import HelpFormatter
from argparse import MetavarTypeHelpFormatter
from argparse import Namespace
from argparse import RawDescriptionHelpFormatter
from argparse import RawTextHelpFormatter
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
from argparse import ONE_OR_MORE
from argparse import OPTIONAL
from argparse import PARSER
from argparse import REMAINDER
from argparse import SUPPRESS
from argparse import ZERO_OR_MORE
```

# array

## Classes

```
[  
    array,  
    ArrayType  
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[  
    typecodes  
]
```

## Import statements

### # Classes

```
from array import array  
from array import ArrayType
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
from array import typecodes
```

# ast

## Classes

```
[
    Add,
    alias,
    And,
    AnnAssign,
    arg,
    arguments,
    Assert,
    Assign,
    AST,
    AsyncFor,
    AsyncFunctionDef,
    AsyncWith,
    Attribute,
    AugAssign,
    AugLoad,
    AugStore,
    auto,
    Await,
    BinOp,
    BitAnd,
    BitOr,
    BitXor,
    BoolOp,
    boolop,
    Break,
    Call,
    ClassDef,
    cmpop,
    Compare,
    comprehension,
    Constant,
    Continue,
    Del,
    Delete,
    Dict,
    DictComp,
    Div,
    Eq,
    ExceptHandler,
    excepthandler,
    Expr,
    expr,
    expr_context,
    Expression,
    ExtSlice,
    FloorDiv,
    For,
    FormattedValue,
    FunctionDef,
    FunctionType,
    GeneratorExp,
    Global,
    Gt,
    GtE,
    If,
    IfExp,
```

Import,  
ImportFrom,  
In,  
Index,  
IntEnum,  
Interactive,  
Invert,  
Is,  
IsNot,  
JoinedStr,  
keyword,  
Lambda,  
List,  
ListComp,  
Load,  
LShift,  
Lt,  
LtE,  
Match,  
match\_case,  
MatchAs,  
MatchClass,  
MatchMapping,  
MatchOr,  
MatchSequence,  
MatchSingleton,  
MatchStar,  
MatchValue,  
MatMult,  
Mod,  
mod,  
Module,  
Mult,  
Name,  
NamedExpr,  
NodeTransformer,  
NodeVisitor,  
Nonlocal,  
Not,  
NotEq,  
NotIn,  
nullcontext,  
operator,  
Or,  
Param,  
ParamSpec,  
Pass,  
pattern,  
Pow,  
Raise,  
Return,  
RShift,  
Set,  
SetComp,  
Slice,  
slice,  
Starred,  
stmt,  
Store,  
Sub,  
Subscript,  
Suite,



```

Try,
TryStar,
Tuple,
type_ignore,
type_param,
TypeAlias,
TypeIgnore,
TypeVar,
TypeVarTuple,
UAdd,
UnaryOp,
unaryop,
USub,
While,
With,
withitem,
Yield,
YieldFrom
]

```

## Functions

```

[
    contextmanager,
    copy_location,
    dump,
    fix_missing_locations,
    get_docstring,
    get_source_segment,
    increment_lineno,
    iter_child_nodes,
    iter_fields,
    literal_eval,
    main,
    parse,
    unparse,
    walk
]

```

## Sentinels / Constants / Objects

```

[
    PyCF_ALLOW_TOP_LEVEL_AWAIT,
    PyCF_ONLY_AST,
    PyCF_TYPE_COMMENTS
]

```

## Import statements

### # Classes

```

from ast import Add
from ast import alias
from ast import And
from ast import AnnAssign
from ast import arg
from ast import arguments
from ast import Assert
from ast import Assign
from ast import AST
from ast import AsyncFor
from ast import AsyncFunctionDef
from ast import AsyncWith
from ast import Attribute
from ast import AugAssign

```

```
from ast import AugLoad
from ast import AugStore
from ast import auto
from ast import Await
from ast import BinOp
from ast import BitAnd
from ast import BitOr
from ast import BitXor
from ast import BoolOp
from ast import boolop
from ast import Break
from ast import Call
from ast import ClassDef
from ast import cmpop
from ast import Compare
from ast import comprehension
from ast import Constant
from ast import Continue
from ast import Del
from ast import Delete
from ast import Dict
from ast import DictComp
from ast import Div
from ast import Eq
from ast import ExceptHandler
from ast import excepthandler
from ast import Expr
from ast import expr
from ast import expr_context
from ast import Expression
from ast import ExtSlice
from ast import FloorDiv
from ast import For
from ast import FormattedValue
from ast import FunctionDef
from ast import FunctionType
from ast import GeneratorExp
from ast import Global
from ast import Gt
from ast import GtE
from ast import If
from ast import IfExp
from ast import Import
from ast import ImportFrom
from ast import In
from ast import Index
from ast import IntEnum
from ast import Interactive
from ast import Invert
from ast import Is
from ast import IsNot
from ast import JoinedStr
from ast import keyword
from ast import Lambda
from ast import List
from ast import ListComp
from ast import Load
from ast import LShift
from ast import Lt
from ast import LtE
from ast import Match
from ast import match_case
```

```
from ast import MatchAs
from ast import MatchClass
from ast import MatchMapping
from ast import MatchOr
from ast import MatchSequence
from ast import MatchSingleton
from ast import MatchStar
from ast import MatchValue
from ast import MatMult
from ast import Mod
from ast import mod
from ast import Module
from ast import Mult
from ast import Name
from ast import NamedExpr
from ast import NodeTransformer
from ast import NodeVisitor
from ast import Nonlocal
from ast import Not
from ast import NotEq
from ast import NotIn
from ast import nullcontext
from ast import operator
from ast import Or
from ast import Param
from ast import ParamSpec
from ast import Pass
from ast import pattern
from ast import Pow
from ast import Raise
from ast import Return
from ast import RShift
from ast import Set
from ast import SetComp
from ast import Slice
from ast import slice
from ast import Starred
from ast import stmt
from ast import Store
from ast import Sub
from ast import Subscript
from ast import Suite
from ast import Try
from ast import TryStar
from ast import Tuple
from ast import type_ignore
from ast import type_param
from ast import TypeAlias
from ast import TypeIgnore
from ast import TypeVar
from ast import TypeVarTuple
from ast import UAdd
from ast import UnaryOp
from ast import unaryop
from ast import USub
from ast import While
from ast import With
from ast import withitem
from ast import Yield
from ast import YieldFrom
```

#### **# Functions**

```
from ast import contextmanager
```

```
from ast import copy_location
from ast import dump
from ast import fix_missing_locations
from ast import get_docstring
from ast import get_source_segment
from ast import increment_lineno
from ast import iter_child_nodes
from ast import iter_fields
from ast import literal_eval
from ast import main
from ast import parse
from ast import unparse
from ast import walk
# Sentinels / Constants / Objects
from ast import PyCF_ALLOW_TOP_LEVEL_AWAIT
from ast import PyCF_ONLY_AST
from ast import PyCF_TYPE_COMMENTS
```

# asyncio

## Classes

```
[
    AbstractChildWatcher,
    AbstractEventLoop,
    AbstractEventLoopPolicy,
    AbstractServer,
    Barrier,
    BaseEventLoop,
    BaseProtocol,
    BaseTransport,
    BoundedSemaphore,
    BrokenBarrierError,
    BufferedProtocol,
    CancelledError,
    Condition,
    DatagramProtocol,
    DatagramTransport,
    DefaultEventLoopPolicy,
    Event,
    FastChildWatcher,
    Future,
    Handle,
    IncompleteReadError,
    InvalidStateError,
    LifoQueue,
    LimitOverrunError,
    Lock,
    MultiLoopChildWatcher,
    PiddfdChildWatcher,
    PriorityQueue,
    Protocol,
    Queue,
    QueueEmpty,
    QueueFull,
    ReadTransport,
    Runner,
    SafeChildWatcher,
    SelectorEventLoop,
    Semaphore,
    SendfileNotAvailableError,
    Server,
    StreamReader,
    StreamReaderProtocol,
    StreamWriter,
    SubprocessProtocol,
    SubprocessTransport,
    Task,
    TaskGroup,
    ThreadedChildWatcher,
    Timeout,
    TimeoutError,
    TimerHandle,
    Transport,
    WriteTransport
]
```

## Functions

```
[
```

```

all_tasks,
as_completed,
create_eager_task_factory,
create_subprocess_exec,
create_subprocess_shell,
create_task,
current_task,
eager_task_factory,
ensure_future,
gather,
get_child_watcher,
get_event_loop,
get_event_loop_policy,
get_running_loop,
iscoroutine,
iscoroutinefunction,
isfuture,
new_event_loop,
open_connection,
open_unix_connection,
run,
run_coroutine_threadsafe,
set_child_watcher,
set_event_loop,
set_event_loop_policy,
shield,
sleep,
start_server,
start_unix_server,
timeout,
timeout_at,
to_thread,
wait,
wait_for,
wrap_future
]

```

## Sentinels / Constants / Objects

```

[
    ALL_COMPLETED,
    FIRST_COMPLETED,
    FIRST_EXCEPTION
]

```

## Import statements

### # Classes

```

from asyncio import AbstractChildWatcher
from asyncio import AbstractEventLoop
from asyncio import AbstractEventLoopPolicy
from asyncio import AbstractServer
from asyncio import Barrier
from asyncio import BaseEventLoop
from asyncio import BaseProtocol
from asyncio import BaseTransport
from asyncio import BoundedSemaphore
from asyncio import BrokenBarrierError
from asyncio import BufferedProtocol
from asyncio import CancelledError
from asyncio import Condition
from asyncio import DatagramProtocol
from asyncio import DatagramTransport

```

```
from asyncio import DefaultEventLoopPolicy
from asyncio import Event
from asyncio import FastChildWatcher
from asyncio import Future
from asyncio import Handle
from asyncio import IncompleteReadError
from asyncio import InvalidStateError
from asyncio import LifoQueue
from asyncio import LimitOverrunError
from asyncio import Lock
from asyncio import MultiLoopChildWatcher
from asyncio import PiddfdChildWatcher
from asyncio import PriorityQueue
from asyncio import Protocol
from asyncio import Queue
from asyncio import QueueEmpty
from asyncio import QueueFull
from asyncio import ReadTransport
from asyncio import Runner
from asyncio import SafeChildWatcher
from asyncio import SelectorEventLoop
from asyncio import Semaphore
from asyncio import SendfileNotAvailableError
from asyncio import Server
from asyncio import StreamReader
from asyncio import StreamReaderProtocol
from asyncio import StreamWriter
from asyncio import SubprocessProtocol
from asyncio import SubprocessTransport
from asyncio import Task
from asyncio import TaskGroup
from asyncio import ThreadedChildWatcher
from asyncio import Timeout
from asyncio import TimeoutError
from asyncio import TimerHandle
from asyncio import Transport
from asyncio import WriteTransport
```

#### **# Functions**

```
from asyncio import all_tasks
from asyncio import as_completed
from asyncio import create_eager_task_factory
from asyncio import create_subprocess_exec
from asyncio import create_subprocess_shell
from asyncio import create_task
from asyncio import current_task
from asyncio import eager_task_factory
from asyncio import ensure_future
from asyncio import gather
from asyncio import get_child_watcher
from asyncio import get_event_loop
from asyncio import get_event_loop_policy
from asyncio import get_running_loop
from asyncio import iscoroutine
from asyncio import iscoroutinefunction
from asyncio import isfuture
from asyncio import new_event_loop
from asyncio import open_connection
from asyncio import open_unix_connection
from asyncio import run
from asyncio import run_coroutine_threadsafe
from asyncio import set_child_watcher
from asyncio import set_event_loop
```

```
from asyncio import set_event_loop_policy
from asyncio import shield
from asyncio import sleep
from asyncio import start_server
from asyncio import start_unix_server
from asyncio import timeout
from asyncio import timeout_at
from asyncio import to_thread
from asyncio import wait
from asyncio import wait_for
from asyncio import wrap_future
```

#### **# Sentinels / Constants / Objects**

```
from asyncio import ALL_COMPLETED
from asyncio import FIRST_COMPLETED
from asyncio import FIRST_EXCEPTION
```



# atexit

## Classes

[ ]

## Functions

```
[
    register,
    unregister
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from atexit import register
from atexit import unregister
```

### # Sentinels / Constants / Objects

(none)

# audioop

## Classes

```
[
    error
]
```

## Functions

```
[
    add,
    adpcm2lin,
    alaw2lin,
    avg,
    avgpp,
    bias,
    byteswap,
    cross,
    findfactor,
    findfit,
    findmax,
    getsample,
    lin2adpcm,
    lin2alaw,
    lin2lin,
    lin2ulaw,
    max,
    maxpp,
    minmax,
    mul,
    ratecv,
    reverse,
    rms,
    tomono,
    tostereo,
    ulaw2lin
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from audioop import error
```

### # Functions

```
from audioop import add
from audioop import adpcm2lin
from audioop import alaw2lin
from audioop import avg
from audioop import avgpp
from audioop import bias
from audioop import byteswap
from audioop import cross
from audioop import findfactor
from audioop import findfit
from audioop import findmax
from audioop import getsample
from audioop import lin2adpcm
from audioop import lin2alaw
from audioop import lin2lin
from audioop import lin2ulaw
```

```
from audioop import max
from audioop import maxpp
from audioop import minmax
from audioop import mul
from audioop import ratecv
from audioop import reverse
from audioop import rms
from audioop import tomono
from audioop import tostereo
from audioop import ulaw2lin
```

#### **# Sentinels / Constants / Objects**

```
(none)
```

# base64

## Classes

[ ]

## Functions

```
[
    a85decode,
    a85encode,
    b16decode,
    b16encode,
    b32decode,
    b32encode,
    b32hexdecode,
    b32hexencode,
    b64decode,
    b64encode,
    b85decode,
    b85encode,
    decode,
    decodebytes,
    encode,
    encodebytes,
    standard_b64decode,
    standard_b64encode,
    urlsafe_b64decode,
    urlsafe_b64encode
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from base64 import a85decode
from base64 import a85encode
from base64 import b16decode
from base64 import b16encode
from base64 import b32decode
from base64 import b32encode
from base64 import b32hexdecode
from base64 import b32hexencode
from base64 import b64decode
from base64 import b64encode
from base64 import b85decode
from base64 import b85encode
from base64 import decode
from base64 import decodebytes
from base64 import encode
from base64 import encodebytes
from base64 import standard_b64decode
from base64 import standard_b64encode
from base64 import urlsafe_b64decode
from base64 import urlsafe_b64encode
```

### # Sentinels / Constants / Objects

(none)

# bdb

## Classes

```
[  
    Bdb,  
    BdbQuit,  
    Breakpoint  
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from bdb import Bdb  
from bdb import BdbQuit  
from bdb import Breakpoint
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# binascii

## Classes

```
[
    Error,
    Incomplete
]
```

## Functions

```
[
    a2b_base64,
    a2b_hex,
    a2b_qp,
    a2b_uu,
    b2a_base64,
    b2a_hex,
    b2a_qp,
    b2a_uu,
    crc32,
    crc_hqx,
    hexlify,
    unhexlify
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from binascii import Error
from binascii import Incomplete
```

### # Functions

```
from binascii import a2b_base64
from binascii import a2b_hex
from binascii import a2b_qp
from binascii import a2b_uu
from binascii import b2a_base64
from binascii import b2a_hex
from binascii import b2a_qp
from binascii import b2a_uu
from binascii import crc32
from binascii import crc_hqx
from binascii import hexlify
from binascii import unhexlify
```

### # Sentinels / Constants / Objects

```
(none)
```

# bisect

## Classes

[ ]

## Functions

```
[
    bisect,
    bisect_left,
    bisect_right,
    insort,
    insort_left,
    insort_right
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from bisect import bisect
from bisect import bisect_left
from bisect import bisect_right
from bisect import insort
from bisect import insort_left
from bisect import insort_right
```

### # Sentinels / Constants / Objects

(none)

# builtins

## Classes

```
[
    ArithmeticError,
    AssertionError,
    AttributeError,
    BaseException,
    BaseExceptionGroup,
    BlockingIOError,
    bool,
    BrokenPipeError,
    BufferError,
    bytearray,
    bytes,
    BytesWarning,
    ChildProcessError,
    classmethod,
    complex,
    ConnectionAbortedError,
    ConnectionError,
    ConnectionRefusedError,
    ConnectionResetError,
    DeprecationWarning,
    dict,
    EncodingWarning,
    enumerate,
    EnvironmentError,
    EOFError,
    Exception,
    ExceptionGroup,
    FileExistsError,
    FileNotFoundError,
    filter,
    float,
    FloatingPointError,
    frozenset,
    FutureWarning,
    GeneratorExit,
    ImportError,
    ImportWarning,
    IndentationError,
    IndexError,
    int,
    InterruptedError,
    IOError,
    IsADirectoryError,
    KeyboardInterrupt,
    KeyError,
    list,
    LookupError,
    map,
    MemoryError,
    memoryview,
    ModuleNotFoundError,
    NameError,
    NotADirectoryError,
    NotImplementedError,
    object,
    OSError,
```



```
OverflowError,  
PendingDeprecationWarning,  
PermissionError,  
ProcessLookupError,  
property,  
range,  
RecursionError,  
ReferenceError,  
ResourceWarning,  
reversed,  
RuntimeError,  
RuntimeWarning,  
set,  
slice,  
staticmethod,  
StopAsyncIteration,  
StopIteration,  
str,  
super,  
SyntaxError,  
SyntaxWarning,  
SystemError,  
SystemExit,  
TabError,  
TimeoutError,  
tuple,  
type,  
TypeError,  
UnboundLocalError,  
UnicodeDecodeError,  
UnicodeEncodeError,  
UnicodeError,  
UnicodeTranslateError,  
UnicodeWarning,  
UserWarning,  
ValueError,  
Warning,  
ZeroDivisionError,  
zip  
]
```

## Functions

```
[  
abs,  
aiter,  
all,  
anext,  
any,  
ascii,  
bin,  
breakpoint,  
callable,  
chr,  
compile,  
delattr,  
dir,  
display,  
divmod,  
eval,  
exec,  
execfile,
```

```
format,  
get_ipython,  
getattr,  
globals,  
hasattr,  
hash,  
hex,  
id,  
input,  
isinstance,  
issubclass,  
iter,  
len,  
locals,  
max,  
min,  
next,  
oct,  
open,  
ord,  
pow,  
print,  
repr,  
round,  
runfile,  
setattr,  
sorted,  
sum,  
vars  
]
```

## Sentinels / Constants / Objects

```
[  
    copyright,  
    credits,  
    Ellipsis,  
    False,  
    help,  
    license,  
    None,  
    NotImplemented,  
    True  
]
```

## Import statements

### # Classes

```
from builtins import ArithmeticError  
from builtins import AssertionError  
from builtins import AttributeError  
from builtins import BaseException  
from builtins import BaseExceptionGroup  
from builtins import BlockingIOError  
from builtins import bool  
from builtins import BrokenPipeError  
from builtins import BufferError  
from builtins import bytearray  
from builtins import bytes  
from builtins import BytesWarning  
from builtins import ChildProcessError  
from builtins import classmethod  
from builtins import complex
```

```
from builtins import ConnectionAbortedError
from builtins import ConnectionError
from builtins import ConnectionRefusedError
from builtins import ConnectionResetError
from builtins import DeprecationWarning
from builtins import dict
from builtins import EncodingWarning
from builtins import enumerate
from builtins import EnvironmentError
from builtins import EOFError
from builtins import Exception
from builtins import ExceptionGroup
from builtins import FileExistsError
from builtins import FileNotFoundError
from builtins import filter
from builtins import float
from builtins import FloatingPointError
from builtins import frozenset
from builtins import FutureWarning
from builtins import GeneratorExit
from builtins import ImportError
from builtins import ImportWarning
from builtins import IndentationError
from builtins import IndexError
from builtins import int
from builtins import InterruptedError
from builtins import IOError
from builtins import IsADirectoryError
from builtins import KeyboardInterrupt
from builtins import KeyError
from builtins import list
from builtins import LookupError
from builtins import map
from builtins import MemoryError
from builtins import memoryview
from builtins import ModuleNotFoundError
from builtins import NameError
from builtins import NotADirectoryError
from builtins import NotImplementedError
from builtins import object
from builtins import OSError
from builtins import OverflowError
from builtins import PendingDeprecationWarning
from builtins import PermissionError
from builtins import ProcessLookupError
from builtins import property
from builtins import range
from builtins import RecursionError
from builtins import ReferenceError
from builtins import ResourceWarning
from builtins import reversed
from builtins import RuntimeError
from builtins import RuntimeWarning
from builtins import set
from builtins import slice
from builtins import staticmethod
from builtins import StopAsyncIteration
from builtins import StopIteration
from builtins import str
from builtins import super
from builtins import SyntaxError
from builtins import SyntaxWarning
```

```
from builtins import SystemError
from builtins import SystemExit
from builtins import TabError
from builtins import TimeoutError
from builtins import tuple
from builtins import type
from builtins import TypeError
from builtins import UnboundLocalError
from builtins import UnicodeDecodeError
from builtins import UnicodeEncodeError
from builtins import UnicodeError
from builtins import UnicodeTranslateError
from builtins import UnicodeWarning
from builtins import UserWarning
from builtins import ValueError
from builtins import Warning
from builtins import ZeroDivisionError
from builtins import zip
```

### **# Functions**

```
from builtins import abs
from builtins import aiter
from builtins import all
from builtins import anext
from builtins import any
from builtins import ascii
from builtins import bin
from builtins import breakpoint
from builtins import callable
from builtins import chr
from builtins import compile
from builtins import delattr
from builtins import dir
from builtins import display
from builtins import divmod
from builtins import eval
from builtins import exec
from builtins import execfile
from builtins import format
from builtins import get_ipython
from builtins import getattr
from builtins import globals
from builtins import hasattr
from builtins import hash
from builtins import hex
from builtins import id
from builtins import input
from builtins import isinstance
from builtins import issubclass
from builtins import iter
from builtins import len
from builtins import locals
from builtins import max
from builtins import min
from builtins import next
from builtins import oct
from builtins import open
from builtins import ord
from builtins import pow
from builtins import print
from builtins import repr
from builtins import round
from builtins import runfile
```

```
from builtins import setattr
from builtins import sorted
from builtins import sum
from builtins import vars
# Sentinels / Constants / Objects
from builtins import copyright
from builtins import credits
from builtins import Ellipsis
from builtins import False
from builtins import help
from builtins import license
from builtins import None
from builtins import NotImplemented
from builtins import True
```

# bz2

## Classes

```
[
    BZ2Compressor,
    BZ2Decompressor,
    BZ2File
]
```

## Functions

```
[
    compress,
    decompress,
    open
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from bz2 import BZ2Compressor
from bz2 import BZ2Decompressor
from bz2 import BZ2File
```

### # Functions

```
from bz2 import compress
from bz2 import decompress
from bz2 import open
```

### # Sentinels / Constants / Objects

```
(none)
```

# cProfile

## Classes

```
[
    Profile
]
```

## Functions

```
[
    run,
    runctx
]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from cProfile import Profile
```

### # Functions

```
from cProfile import run
```

```
from cProfile import runctx
```

### # Sentinels / Constants / Objects

```
(none)
```

# calendar

## Classes

```
[
    Calendar,
    Day,
    HTMLCalendar,
    IllegalMonthError,
    IllegalWeekdayError,
    LocaleHTMLCalendar,
    LocaleTextCalendar,
    Month,
    TextCalendar
]
```

## Functions

```
[
    calendar,
    firstweekday,
    isleap,
    leapdays,
    month,
    monthcalendar,
    monthrange,
    prcal,
    prmonth,
    setfirstweekday,
    timegm,
    weekday,
    weekheader
]
```

## Sentinels / Constants / Objects

```
[
    APRIL,
    AUGUST,
    day_abbrev,
    day_name,
    DECEMBER,
    FEBRUARY,
    FRIDAY,
    JANUARY,
    JULY,
    JUNE,
    MARCH,
    MAY,
    MONDAY,
    month_abbrev,
    month_name,
    NOVEMBER,
    OCTOBER,
    SATURDAY,
    SEPTEMBER,
    SUNDAY,
    THURSDAY,
    TUESDAY,
    WEDNESDAY
]
```

## Import statements



## **# Classes**

```
from calendar import Calendar
from calendar import Day
from calendar import HTMLCalendar
from calendar import IllegalMonthError
from calendar import IllegalWeekdayError
from calendar import LocaleHTMLCalendar
from calendar import LocaleTextCalendar
from calendar import Month
from calendar import TextCalendar
```

## **# Functions**

```
from calendar import calendar
from calendar import firstweekday
from calendar import isleap
from calendar import leapdays
from calendar import month
from calendar import monthcalendar
from calendar import monthrange
from calendar import prcal
from calendar import prmonth
from calendar import setfirstweekday
from calendar import timegm
from calendar import weekday
from calendar import weekheader
```

## **# Sentinels / Constants / Objects**

```
from calendar import APRIL
from calendar import AUGUST
from calendar import day_abbr
from calendar import day_name
from calendar import DECEMBER
from calendar import FEBRUARY
from calendar import FRIDAY
from calendar import JANUARY
from calendar import JULY
from calendar import JUNE
from calendar import MARCH
from calendar import MAY
from calendar import MONDAY
from calendar import month_abbr
from calendar import month_name
from calendar import NOVEMBER
from calendar import OCTOBER
from calendar import SATURDAY
from calendar import SEPTEMBER
from calendar import SUNDAY
from calendar import THURSDAY
from calendar import TUESDAY
from calendar import WEDNESDAY
```

# cgi

## Classes

```
[
    FieldStorage,
    MiniFieldStorage
]
```

## Functions

```
[
    parse,
    parse_header,
    parse_multipart,
    print_arguments,
    print_directory,
    print_environ,
    print_environ_usage,
    print_exception,
    print_form,
    test
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from cgi import FieldStorage
from cgi import MiniFieldStorage
```

### # Functions

```
from cgi import parse
from cgi import parse_header
from cgi import parse_multipart
from cgi import print_arguments
from cgi import print_directory
from cgi import print_environ
from cgi import print_environ_usage
from cgi import print_exception
from cgi import print_form
from cgi import test
```

### # Sentinels / Constants / Objects

```
(none)
```

# cgitb

## Classes

```
[
    Hook
]
```

## Functions

```
[
    enable,
    grey,
    handler,
    html,
    html_escape,
    lookup,
    reset,
    scanvars,
    small,
    strong,
    text
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from cgitb import Hook
```

### # Functions

```
from cgitb import enable
from cgitb import grey
from cgitb import handler
from cgitb import html
from cgitb import html_escape
from cgitb import lookup
from cgitb import reset
from cgitb import scanvars
from cgitb import small
from cgitb import strong
from cgitb import text
```

### # Sentinels / Constants / Objects

```
(none)
```

# chunk

## Classes

```
[
    Chunk
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from chunk import Chunk
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# cmath

## Classes

[ ]

## Functions

```
[
    acos,
    acosh,
    asin,
    asinh,
    atan,
    atanh,
    cos,
    cosh,
    exp,
    isclose,
    isfinite,
    isinf,
    isnan,
    log,
    log10,
    phase,
    polar,
    rect,
    sin,
    sinh,
    sqrt,
    tan,
    tanh
]
```

## Sentinels / Constants / Objects

```
[
    e,
    inf,
    infj,
    nan,
    nanj,
    pi,
    tau
]
```

## Import statements

### # Classes

(none)

### # Functions

```
from cmath import acos
from cmath import acosh
from cmath import asin
from cmath import asinh
from cmath import atan
from cmath import atanh
from cmath import cos
from cmath import cosh
from cmath import exp
from cmath import isclose
from cmath import isfinite
from cmath import isinf
from cmath import isnan
```

```
from cmath import log
from cmath import log10
from cmath import phase
from cmath import polar
from cmath import rect
from cmath import sin
from cmath import sinh
from cmath import sqrt
from cmath import tan
from cmath import tanh
```

#### **# Sentinels / Constants / Objects**

```
from cmath import e
from cmath import inf
from cmath import infj
from cmath import nan
from cmath import nanj
from cmath import pi
from cmath import tau
```

# cmd

## Classes

```
[  
    Cmd  
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from cmd import Cmd
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# code

## Classes

```
[
    InteractiveConsole,
    InteractiveInterpreter
]
```

## Functions

```
[
    compile_command,
    interact
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from code import InteractiveConsole
from code import InteractiveInterpreter
```

### # Functions

```
from code import compile_command
from code import interact
```

### # Sentinels / Constants / Objects

```
(none)
```



# codecs

## Classes

```
[
    Codec,
    CodecInfo,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamReaderWriter,
    StreamRecoder,
    StreamWriter
]
```

## Functions

```
[
    backslashreplace_errors,
    decode,
    encode,
    EncodedFile,
    getdecoder,
    getencoder,
    getincrementaldecoder,
    getincrementalencoder,
    getreader,
    getwriter,
    ignore_errors,
    iterdecode,
    iterencode,
    lookup,
    lookup_error,
    namereplace_errors,
    open,
    register,
    register_error,
    replace_errors,
    strict_errors,
    xmlcharrefreplace_errors
]
```

## Sentinels / Constants / Objects

```
[
    BOM,
    BOM32_BE,
    BOM32_LE,
    BOM64_BE,
    BOM64_LE,
    BOM_BE,
    BOM_LE,
    BOM_UTF16,
    BOM_UTF16_BE,
    BOM_UTF16_LE,
    BOM_UTF32,
    BOM_UTF32_BE,
    BOM_UTF32_LE,
    BOM_UTF8
]
```

## Import statements

**# Classes**

```
from codecs import Codec
from codecs import CodecInfo
from codecs import IncrementalDecoder
from codecs import IncrementalEncoder
from codecs import StreamReader
from codecs import StreamReaderWriter
from codecs import StreamRecoder
from codecs import StreamWriter
```

#### **# Functions**

```
from codecs import backslashreplace_errors
from codecs import decode
from codecs import encode
from codecs import EncodedFile
from codecs import getdecoder
from codecs import getencoder
from codecs import getincrementaldecoder
from codecs import getincrementalencoder
from codecs import getreader
from codecs import getwriter
from codecs import ignore_errors
from codecs import iterdecode
from codecs import iterencode
from codecs import lookup
from codecs import lookup_error
from codecs import namereplace_errors
from codecs import open
from codecs import register
from codecs import register_error
from codecs import replace_errors
from codecs import strict_errors
from codecs import xmlcharrefreplace_errors
```

#### **# Sentinels / Constants / Objects**

```
from codecs import BOM
from codecs import BOM32_BE
from codecs import BOM32_LE
from codecs import BOM64_BE
from codecs import BOM64_LE
from codecs import BOM_BE
from codecs import BOM_LE
from codecs import BOM_UTF16
from codecs import BOM_UTF16_BE
from codecs import BOM_UTF16_LE
from codecs import BOM_UTF32
from codecs import BOM_UTF32_BE
from codecs import BOM_UTF32_LE
from codecs import BOM_UTF8
```

# codeop

## Classes

```
[  
    CommandCompiler,  
    Compile  
]
```

## Functions

```
[  
    compile_command  
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from codeop import CommandCompiler  
from codeop import Compile
```

### # Functions

```
from codeop import compile_command
```

### # Sentinels / Constants / Objects

```
(none)
```

# collections

## Classes

```
[
    ChainMap,
    Counter,
    defaultdict,
    deque,
    OrderedDict,
    UserDict,
    UserList,
    UserString
]
```

## Functions

```
[
    namedtuple
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from collections import ChainMap
from collections import Counter
from collections import defaultdict
from collections import deque
from collections import OrderedDict
from collections import UserDict
from collections import UserList
from collections import UserString
```

### # Functions

```
from collections import namedtuple
```

### # Sentinels / Constants / Objects

```
(none)
```

# colorsys

## Classes

[ ]

## Functions

```
[
    hls_to_rgb,
    hsv_to_rgb,
    rgb_to_hls,
    rgb_to_hsv,
    rgb_to_yiq,
    yiq_to_rgb
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from colorsys import hls_to_rgb
from colorsys import hsv_to_rgb
from colorsys import rgb_to_hls
from colorsys import rgb_to_hsv
from colorsys import rgb_to_yiq
from colorsys import yiq_to_rgb
```

### # Sentinels / Constants / Objects

(none)

# compileall

## Classes

[ ]

## Functions

```
[
    compile_dir,
    compile_file,
    compile_path
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from compileall import compile_dir
from compileall import compile_file
from compileall import compile_path
```

### # Sentinels / Constants / Objects

(none)

# concurrent

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# configparser

## Classes

```
[
    BasicInterpolation,
    ConfigParser,
    ConverterMapping,
    DuplicateOptionError,
    DuplicateSectionError,
    ExtendedInterpolation,
    Interpolation,
    InterpolationDepthError,
    InterpolationError,
    InterpolationMissingOptionError,
    InterpolationSyntaxError,
    LegacyInterpolation,
    MissingSectionHeaderError,
    NoOptionError,
    NoSectionError,
    ParsingError,
    RawConfigParser,
    SectionProxy
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[
    DEFAULTSECT,
    MAX_INTERPOLATION_DEPTH
]
```

## Import statements

### # Classes

```
from configparser import BasicInterpolation
from configparser import ConfigParser
from configparser import ConverterMapping
from configparser import DuplicateOptionError
from configparser import DuplicateSectionError
from configparser import ExtendedInterpolation
from configparser import Interpolation
from configparser import InterpolationDepthError
from configparser import InterpolationError
from configparser import InterpolationMissingOptionError
from configparser import InterpolationSyntaxError
from configparser import LegacyInterpolation
from configparser import MissingSectionHeaderError
from configparser import NoOptionError
from configparser import NoSectionError
from configparser import ParsingError
from configparser import RawConfigParser
from configparser import SectionProxy
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
from configparser import DEFAULTSECT
from configparser import MAX_INTERPOLATION_DEPTH
```



# contextlib

## Classes

```
[
    AbstractAsyncContextManager,
    AbstractContextManager,
    aclosing,
    AsyncExitStack,
    chdir,
    closing,
    ContextDecorator,
    ExitStack,
    nullcontext,
    redirect_stderr,
    redirect_stdout,
    suppress
]
```

## Functions

```
[
    asynccontextmanager,
    contextmanager
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from contextlib import AbstractAsyncContextManager
from contextlib import AbstractContextManager
from contextlib import aclosing
from contextlib import AsyncExitStack
from contextlib import chdir
from contextlib import closing
from contextlib import ContextDecorator
from contextlib import ExitStack
from contextlib import nullcontext
from contextlib import redirect_stderr
from contextlib import redirect_stdout
from contextlib import suppress
```

### # Functions

```
from contextlib import asynccontextmanager
from contextlib import contextmanager
```

### # Sentinels / Constants / Objects

```
(none)
```

# contextvars

## Classes

```
[
    Context,
    ContextVar,
    Token
]
```

## Functions

```
[
    copy_context
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from contextvars import Context
from contextvars import ContextVar
from contextvars import Token
```

### # Functions

```
from contextvars import copy_context
```

### # Sentinels / Constants / Objects

```
(none)
```

# copy

## Classes

```
[  
    Error  
]
```

## Functions

```
[  
    copy,  
    deepcopy  
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from copy import Error
```

### # Functions

```
from copy import copy
```

```
from copy import deepcopy
```

### # Sentinels / Constants / Objects

```
(none)
```

# copyreg

## Classes

[ ]

## Functions

```
[
    add_extension,
    clear_extension_cache,
    constructor,
    pickle,
    remove_extension
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from copyreg import add_extension
from copyreg import clear_extension_cache
from copyreg import constructor
from copyreg import pickle
from copyreg import remove_extension
```

### # Sentinels / Constants / Objects

(none)

# crypt

## Classes

[ ]

## Functions

```
[
    crypt,
    mksalt
]
```

## Sentinels / Constants / Objects

```
[
    METHOD_BLOWFISH,
    METHOD_CRYPT,
    METHOD_MD5,
    METHOD_SHA256,
    METHOD_SHA512,
    methods
]
```

## Import statements

### # Classes

(none)

### # Functions

```
from crypt import crypt
from crypt import mksalt
```

### # Sentinels / Constants / Objects

```
from crypt import METHOD_BLOWFISH
from crypt import METHOD_CRYPT
from crypt import METHOD_MD5
from crypt import METHOD_SHA256
from crypt import METHOD_SHA512
from crypt import methods
```

# CSV

## Classes

```
[
    Dialect,
    DictReader,
    DictWriter,
    Error,
    excel,
    excel_tab,
    Sniffer,
    unix_dialect
]
```

## Functions

```
[
    field_size_limit,
    get_dialect,
    list_dialects,
    reader,
    register_dialect,
    unregister_dialect,
    writer
]
```

## Sentinels / Constants / Objects

```
[
    QUOTE_ALL,
    QUOTE_MINIMAL,
    QUOTE_NONE,
    QUOTE_NONNUMERIC,
    QUOTE_NOTNULL,
    QUOTE_STRINGS
]
```

## Import statements

### # Classes

```
from csv import Dialect
from csv import DictReader
from csv import DictWriter
from csv import Error
from csv import excel
from csv import excel_tab
from csv import Sniffer
from csv import unix_dialect
```

### # Functions

```
from csv import field_size_limit
from csv import get_dialect
from csv import list_dialects
from csv import reader
from csv import register_dialect
from csv import unregister_dialect
from csv import writer
```

### # Sentinels / Constants / Objects

```
from csv import QUOTE_ALL
from csv import QUOTE_MINIMAL
from csv import QUOTE_NONE
from csv import QUOTE_NONNUMERIC
from csv import QUOTE_NOTNULL
from csv import QUOTE_STRINGS
```



# ctypes

## Classes

```
[
    ArgumentError,
    Array,
    BigEndianStructure,
    BigEndianUnion,
    c_bool,
    c_byte,
    c_char,
    c_char_p,
    c_double,
    c_float,
    c_int,
    c_int16,
    c_int32,
    c_int64,
    c_int8,
    c_long,
    c_longdouble,
    c_longlong,
    c_short,
    c_size_t,
    c_ssize_t,
    c_time_t,
    c_ubyte,
    c_uint,
    c_uint16,
    c_uint32,
    c_uint64,
    c_uint8,
    c_ulong,
    c_ulonglong,
    c_ushort,
    c_void_p,
    c_voidp,
    c_wchar,
    c_wchar_p,
    CDLL,
    LibraryLoader,
    LittleEndianStructure,
    LittleEndianUnion,
    py_object,
    PyDLL,
    Structure,
    Union
]
```

## Functions

```
[
    addressof,
    alignment,
    ARRAY,
    byref,
    c_buffer,
    cast,
    CFUNCTYPE,
    create_string_buffer,
    create_unicode_buffer,
```



```

get_errno,
POINTER,
pointer,
PYFUNCTYPE,
resize,
set_errno,
SetPointerType,
sizeof,
string_at,
wstring_at
]

```

## Sentinels / Constants / Objects

```

[
    cdll,
    DEFAULT_MODE,
    memmove,
    memset,
    pydll,
    pythonapi,
    RTLD_GLOBAL,
    RTLD_LOCAL,
    SIZEOF_TIME_T
]

```

## Import statements

### # Classes

```

from ctypes import ArgumentError
from ctypes import Array
from ctypes import BigEndianStructure
from ctypes import BigEndianUnion
from ctypes import c_bool
from ctypes import c_byte
from ctypes import c_char
from ctypes import c_char_p
from ctypes import c_double
from ctypes import c_float
from ctypes import c_int
from ctypes import c_int16
from ctypes import c_int32
from ctypes import c_int64
from ctypes import c_int8
from ctypes import c_long
from ctypes import c_longdouble
from ctypes import c_longlong
from ctypes import c_short
from ctypes import c_size_t
from ctypes import c_ssize_t
from ctypes import c_time_t
from ctypes import c_ubyte
from ctypes import c_uint
from ctypes import c_uint16
from ctypes import c_uint32
from ctypes import c_uint64
from ctypes import c_uint8
from ctypes import c_ulong
from ctypes import c_ulonglong
from ctypes import c_ushort
from ctypes import c_void_p
from ctypes import c_voidp
from ctypes import c_wchar

```

```
from ctypes import c_wchar_p
from ctypes import CDLL
from ctypes import LibraryLoader
from ctypes import LittleEndianStructure
from ctypes import LittleEndianUnion
from ctypes import py_object
from ctypes import PyDLL
from ctypes import Structure
from ctypes import Union
```

#### **# Functions**

```
from ctypes import addressof
from ctypes import alignment
from ctypes import ARRAY
from ctypes import byref
from ctypes import c_buffer
from ctypes import cast
from ctypes import CFUNCTYPE
from ctypes import create_string_buffer
from ctypes import create_unicode_buffer
from ctypes import get_errno
from ctypes import POINTER
from ctypes import pointer
from ctypes import PYFUNCTYPE
from ctypes import resize
from ctypes import set_errno
from ctypes import SetPointerType
from ctypes import sizeof
from ctypes import string_at
from ctypes import wstring_at
```

#### **# Sentinels / Constants / Objects**

```
from ctypes import cdll
from ctypes import DEFAULT_MODE
from ctypes import memmove
from ctypes import memset
from ctypes import pydll
from ctypes import pythonapi
from ctypes import RTLD_GLOBAL
from ctypes import RTLD_LOCAL
from ctypes import SIZEOF_TIME_T
```

# curses

## Classes

```
[  
    error,  
    window  
]
```

## Functions

```
[  
    baudrate,  
    beep,  
    can_change_color,  
    cbreak,  
    color_content,  
    color_pair,  
    curs_set,  
    def_prog_mode,  
    def_shell_mode,  
    delay_output,  
    doupdate,  
    echo,  
    endwin,  
    erasechar,  
    filter,  
    flash,  
    flushinp,  
    get_escdelay,  
    get_tabsize,  
    getmouse,  
    getsyx,  
    getwin,  
    halfdelay,  
    has_colors,  
    has_extended_color_support,  
    has_ic,  
    has_il,  
    init_color,  
    init_pair,  
    initscr,  
    intrflush,  
    is_term_resized,  
    isendwin,  
    keyname,  
    killchar,  
    longname,  
    meta,  
    mouseinterval,  
    mousemask,  
    napms,  
    newpad,  
    newwin,  
    nl,  
    nocbreak,  
    noecho,  
    nonl,  
    noqiflush,  
    noraw,  
    pair_content,  
    pair_number,  
]
```

```
putp,  
qiflush,  
raw,  
reset_prog_mode,  
reset_shell_mode,  
resetty,  
resize_term,  
resizeterm,  
savetty,  
set_escdelay,  
set_tabsize,  
setsyx,  
setupterm,  
start_color,  
termattrs,  
termname,  
tigetflag,  
tigetnum,  
tigetstr,  
tparm,  
typeahead,  
unctrl,  
unget_wch,  
ungetch,  
ungetmouse,  
update_lines_cols,  
use_default_colors,  
use_env,  
wrapper  
]
```

## Sentinels / Constants / Objects

```
[  
  A_ALTCHARSET,  
  A_ATTRIBUTES,  
  A_BLINK,  
  A_BOLD,  
  A_CHARTEXT,  
  A_COLOR,  
  A_DIM,  
  A_HORIZONTAL,  
  A_INVIS,  
  A_ITALIC,  
  A_LEFT,  
  A_LOW,  
  A_NORMAL,  
  A_PROTECT,  
  A_REVERSE,  
  A_RIGHT,  
  A_STANDOUT,  
  A_TOP,  
  A_UNDERLINE,  
  A_VERTICAL,  
  ALL_MOUSE_EVENTS,  
  BUTTON1_CLICKED,  
  BUTTON1_DOUBLE_CLICKED,  
  BUTTON1_PRESSED,  
  BUTTON1_RELEASED,  
  BUTTON1_TRIPLE_CLICKED,  
  BUTTON2_CLICKED,  
  BUTTON2_DOUBLE_CLICKED,  
]
```

BUTTON2\_PRESSED,  
BUTTON2\_RELEASED,  
BUTTON2\_TRIPLE\_CLICKED,  
BUTTON3\_CLICKED,  
BUTTON3\_DOUBLE\_CLICKED,  
BUTTON3\_PRESSED,  
BUTTON3\_RELEASED,  
BUTTON3\_TRIPLE\_CLICKED,  
BUTTON4\_CLICKED,  
BUTTON4\_DOUBLE\_CLICKED,  
BUTTON4\_PRESSED,  
BUTTON4\_RELEASED,  
BUTTON4\_TRIPLE\_CLICKED,  
BUTTON5\_CLICKED,  
BUTTON5\_DOUBLE\_CLICKED,  
BUTTON5\_PRESSED,  
BUTTON5\_RELEASED,  
BUTTON5\_TRIPLE\_CLICKED,  
BUTTON\_ALT,  
BUTTON\_CTRL,  
BUTTON\_SHIFT,  
COLOR\_BLACK,  
COLOR\_BLUE,  
COLOR\_CYAN,  
COLOR\_GREEN,  
COLOR\_MAGENTA,  
COLOR\_RED,  
COLOR\_WHITE,  
COLOR\_YELLOW,  
ERR,  
KEY\_A1,  
KEY\_A3,  
KEY\_B2,  
KEY\_BACKSPACE,  
KEY\_BEG,  
KEY\_BREAK,  
KEY\_BTAB,  
KEY\_C1,  
KEY\_C3,  
KEY\_CANCEL,  
KEY\_CATAB,  
KEY\_CLEAR,  
KEY\_CLOSE,  
KEY\_COMMAND,  
KEY\_COPY,  
KEY\_CREATE,  
KEY\_CTAB,  
KEY\_DC,  
KEY\_DL,  
KEY\_DOWN,  
KEY\_EIC,  
KEY\_END,  
KEY\_ENTER,  
KEY\_EOL,  
KEY\_EOS,  
KEY\_EXIT,  
KEY\_F0,  
KEY\_F1,  
KEY\_F10,  
KEY\_F11,  
KEY\_F12,  
KEY\_F13,

KEY\_F14,  
KEY\_F15,  
KEY\_F16,  
KEY\_F17,  
KEY\_F18,  
KEY\_F19,  
KEY\_F2,  
KEY\_F20,  
KEY\_F21,  
KEY\_F22,  
KEY\_F23,  
KEY\_F24,  
KEY\_F25,  
KEY\_F26,  
KEY\_F27,  
KEY\_F28,  
KEY\_F29,  
KEY\_F3,  
KEY\_F30,  
KEY\_F31,  
KEY\_F32,  
KEY\_F33,  
KEY\_F34,  
KEY\_F35,  
KEY\_F36,  
KEY\_F37,  
KEY\_F38,  
KEY\_F39,  
KEY\_F4,  
KEY\_F40,  
KEY\_F41,  
KEY\_F42,  
KEY\_F43,  
KEY\_F44,  
KEY\_F45,  
KEY\_F46,  
KEY\_F47,  
KEY\_F48,  
KEY\_F49,  
KEY\_F5,  
KEY\_F50,  
KEY\_F51,  
KEY\_F52,  
KEY\_F53,  
KEY\_F54,  
KEY\_F55,  
KEY\_F56,  
KEY\_F57,  
KEY\_F58,  
KEY\_F59,  
KEY\_F6,  
KEY\_F60,  
KEY\_F61,  
KEY\_F62,  
KEY\_F63,  
KEY\_F7,  
KEY\_F8,  
KEY\_F9,  
KEY\_FIND,  
KEY\_HELP,  
KEY\_HOME,  
KEY\_IC,

KEY\_IL,  
KEY\_LEFT,  
KEY\_LL,  
KEY\_MARK,  
KEY\_MAX,  
KEY\_MESSAGE,  
KEY\_MIN,  
KEY\_MOUSE,  
KEY\_MOVE,  
KEY\_NEXT,  
KEY\_NPAGE,  
KEY\_OPEN,  
KEY\_OPTIONS,  
KEY\_PPAGE,  
KEY\_PREVIOUS,  
KEY\_PRINT,  
KEY\_REDO,  
KEY\_REFERENCE,  
KEY\_REFRESH,  
KEY\_REPLACE,  
KEY\_RESET,  
KEY\_RESIZE,  
KEY\_RESTART,  
KEY\_RESUME,  
KEY\_RIGHT,  
KEY\_SAVE,  
KEY\_SBEG,  
KEY\_SCANCEL,  
KEY\_SCOMMAND,  
KEY\_SCOPY,  
KEY\_SCREATE,  
KEY\_SDC,  
KEY\_SDL,  
KEY\_SELECT,  
KEY\_SEND,  
KEY\_SEOL,  
KEY\_SEXIT,  
KEY\_SF,  
KEY\_SFIND,  
KEY\_SHELP,  
KEY\_SHOME,  
KEY\_SIC,  
KEY\_SLEFT,  
KEY\_SMESSAGE,  
KEY\_SMOVE,  
KEY\_SNEXT,  
KEY\_SOPTIONS,  
KEY\_SPREVIOUS,  
KEY\_SPRINT,  
KEY\_SR,  
KEY\_SREDO,  
KEY\_SREPLACE,  
KEY\_SRESET,  
KEY\_SRIGHT,  
KEY\_SRSUME,  
KEY\_SSAVE,  
KEY\_SSUSPEND,  
KEY\_STAB,  
KEY\_SUNDO,  
KEY\_SUSPEND,  
KEY\_UNDO,  
KEY\_UP,

```
ncurses_version,  
OK,  
REPORT_MOUSE_POSITION,  
version  
]
```

## Import statements

### # Classes

```
from curses import error  
from curses import window
```

### # Functions

```
from curses import baudrate  
from curses import beep  
from curses import can_change_color  
from curses import cbreak  
from curses import color_content  
from curses import color_pair  
from curses import curs_set  
from curses import def_prog_mode  
from curses import def_shell_mode  
from curses import delay_output  
from curses import doupdate  
from curses import echo  
from curses import endwin  
from curses import erasechar  
from curses import filter  
from curses import flash  
from curses import flushinp  
from curses import get_escdelay  
from curses import get_tabsize  
from curses import getmouse  
from curses import getsyx  
from curses import getwin  
from curses import halfdelay  
from curses import has_colors  
from curses import has_extended_color_support  
from curses import has_ic  
from curses import has_il  
from curses import init_color  
from curses import init_pair  
from curses import initscr  
from curses import intrflush  
from curses import is_term_resized  
from curses import isendwin  
from curses import keyname  
from curses import killchar  
from curses import longname  
from curses import meta  
from curses import mouseinterval  
from curses import mousemask  
from curses import napms  
from curses import newpad  
from curses import newwin  
from curses import nl  
from curses import nocbreak  
from curses import noecho  
from curses import nonl  
from curses import noqiflush  
from curses import noraw  
from curses import pair_content  
from curses import pair_number
```



```
from curses import putp
from curses import qiflush
from curses import raw
from curses import reset_prog_mode
from curses import reset_shell_mode
from curses import resetty
from curses import resize_term
from curses import resizeterm
from curses import savetty
from curses import set_escdelay
from curses import set_tabsize
from curses import setsyx
from curses import setupterm
from curses import start_color
from curses import termattrs
from curses import termname
from curses import tigetflag
from curses import tigetnum
from curses import tigetstr
from curses import tparm
from curses import typeahead
from curses import unctrl
from curses import unget_wch
from curses import ungetch
from curses import ungetmouse
from curses import update_lines_cols
from curses import use_default_colors
from curses import use_env
from curses import wrapper
```

#### **# Sentinels / Constants / Objects**

```
from curses import A_ALTCHARSET
from curses import A_ATTRIBUTES
from curses import A_BLINK
from curses import A_BOLD
from curses import A_CHARTEXT
from curses import A_COLOR
from curses import A_DIM
from curses import A_HORIZONTAL
from curses import A_INVIS
from curses import A_ITALIC
from curses import A_LEFT
from curses import A_LOW
from curses import A_NORMAL
from curses import A_PROTECT
from curses import A_REVERSE
from curses import A_RIGHT
from curses import A_STANDOUT
from curses import A_TOP
from curses import A_UNDERLINE
from curses import A_VERTICAL
from curses import ALL_MOUSE_EVENTS
from curses import BUTTON1_CLICKED
from curses import BUTTON1_DOUBLE_CLICKED
from curses import BUTTON1_PRESSED
from curses import BUTTON1_RELEASED
from curses import BUTTON1_TRIPLE_CLICKED
from curses import BUTTON2_CLICKED
from curses import BUTTON2_DOUBLE_CLICKED
from curses import BUTTON2_PRESSED
from curses import BUTTON2_RELEASED
from curses import BUTTON2_TRIPLE_CLICKED
from curses import BUTTON3_CLICKED
```

```
from curses import BUTTON3_DOUBLE_CLICKED
from curses import BUTTON3_PRESSED
from curses import BUTTON3_RELEASED
from curses import BUTTON3_TRIPLE_CLICKED
from curses import BUTTON4_CLICKED
from curses import BUTTON4_DOUBLE_CLICKED
from curses import BUTTON4_PRESSED
from curses import BUTTON4_RELEASED
from curses import BUTTON4_TRIPLE_CLICKED
from curses import BUTTON5_CLICKED
from curses import BUTTON5_DOUBLE_CLICKED
from curses import BUTTON5_PRESSED
from curses import BUTTON5_RELEASED
from curses import BUTTON5_TRIPLE_CLICKED
from curses import BUTTON_ALT
from curses import BUTTON_CTRL
from curses import BUTTON_SHIFT
from curses import COLOR_BLACK
from curses import COLOR_BLUE
from curses import COLOR_CYAN
from curses import COLOR_GREEN
from curses import COLOR_MAGENTA
from curses import COLOR_RED
from curses import COLOR_WHITE
from curses import COLOR_YELLOW
from curses import ERR
from curses import KEY_A1
from curses import KEY_A3
from curses import KEY_B2
from curses import KEY_BACKSPACE
from curses import KEY_BEG
from curses import KEY_BREAK
from curses import KEY_BTAB
from curses import KEY_C1
from curses import KEY_C3
from curses import KEY_CANCEL
from curses import KEY_CATAB
from curses import KEY_CLEAR
from curses import KEY_CLOSE
from curses import KEY_COMMAND
from curses import KEY_COPY
from curses import KEY_CREATE
from curses import KEY_CTAB
from curses import KEY_DC
from curses import KEY_DL
from curses import KEY_DOWN
from curses import KEY_EIC
from curses import KEY_END
from curses import KEY_ENTER
from curses import KEY_EOL
from curses import KEY_EOS
from curses import KEY_EXIT
from curses import KEY_F0
from curses import KEY_F1
from curses import KEY_F10
from curses import KEY_F11
from curses import KEY_F12
from curses import KEY_F13
from curses import KEY_F14
from curses import KEY_F15
from curses import KEY_F16
from curses import KEY_F17
```

```
from curses import KEY_F18
from curses import KEY_F19
from curses import KEY_F2
from curses import KEY_F20
from curses import KEY_F21
from curses import KEY_F22
from curses import KEY_F23
from curses import KEY_F24
from curses import KEY_F25
from curses import KEY_F26
from curses import KEY_F27
from curses import KEY_F28
from curses import KEY_F29
from curses import KEY_F3
from curses import KEY_F30
from curses import KEY_F31
from curses import KEY_F32
from curses import KEY_F33
from curses import KEY_F34
from curses import KEY_F35
from curses import KEY_F36
from curses import KEY_F37
from curses import KEY_F38
from curses import KEY_F39
from curses import KEY_F4
from curses import KEY_F40
from curses import KEY_F41
from curses import KEY_F42
from curses import KEY_F43
from curses import KEY_F44
from curses import KEY_F45
from curses import KEY_F46
from curses import KEY_F47
from curses import KEY_F48
from curses import KEY_F49
from curses import KEY_F5
from curses import KEY_F50
from curses import KEY_F51
from curses import KEY_F52
from curses import KEY_F53
from curses import KEY_F54
from curses import KEY_F55
from curses import KEY_F56
from curses import KEY_F57
from curses import KEY_F58
from curses import KEY_F59
from curses import KEY_F6
from curses import KEY_F60
from curses import KEY_F61
from curses import KEY_F62
from curses import KEY_F63
from curses import KEY_F7
from curses import KEY_F8
from curses import KEY_F9
from curses import KEY_FIND
from curses import KEY_HELP
from curses import KEY_HOME
from curses import KEY_IC
from curses import KEY_IL
from curses import KEY_LEFT
from curses import KEY_LL
from curses import KEY_MARK
```

```
from curses import KEY_MAX
from curses import KEY_MESSAGE
from curses import KEY_MIN
from curses import KEY_MOUSE
from curses import KEY_MOVE
from curses import KEY_NEXT
from curses import KEY_NPAGE
from curses import KEY_OPEN
from curses import KEY_OPTIONS
from curses import KEY_PPAGE
from curses import KEY_PREVIOUS
from curses import KEY_PRINT
from curses import KEY_REDO
from curses import KEY_REFERENCE
from curses import KEY_REFRESH
from curses import KEY_REPLACE
from curses import KEY_RESET
from curses import KEY_RESIZE
from curses import KEY_RESTART
from curses import KEY_RESUME
from curses import KEY_RIGHT
from curses import KEY_SAVE
from curses import KEY_SBEG
from curses import KEY_SCANCEL
from curses import KEY_SCOMMAND
from curses import KEY_SCOPY
from curses import KEY_SCREATE
from curses import KEY_SDC
from curses import KEY_SDL
from curses import KEY_SELECT
from curses import KEY_SEND
from curses import KEY_SEOL
from curses import KEY_SEXIT
from curses import KEY_SF
from curses import KEY_SFIND
from curses import KEY_SHELP
from curses import KEY_SHOME
from curses import KEY_SIC
from curses import KEY_SLEFT
from curses import KEY_SMESSAGE
from curses import KEY_SMOVE
from curses import KEY_SNEXT
from curses import KEY_SOPTIONS
from curses import KEY_SPREVIOUS
from curses import KEY_SPRINT
from curses import KEY_SR
from curses import KEY_SREDO
from curses import KEY_SREPLACE
from curses import KEY_SRESET
from curses import KEY_SRIGHT
from curses import KEY_SRSUME
from curses import KEY_SSAVE
from curses import KEY_SSUSPEND
from curses import KEY_STAB
from curses import KEY_SUNDO
from curses import KEY_SUSPEND
from curses import KEY_UNDO
from curses import KEY_UP
from curses import ncurses_version
from curses import OK
from curses import REPORT_MOUSE_POSITION
from curses import version
```



# dataclasses

## Classes

```
[
    Field,
    FrozenInstanceError,
    InitVar
]
```

## Functions

```
[
    asdict,
    astuple,
    dataclass,
    field,
    fields,
    is_dataclass,
    make_dataclass,
    replace
]
```

## Sentinels / Constants / Objects

```
[
    KW_ONLY,
    MISSING
]
```

## Import statements

### # Classes

```
from dataclasses import Field
from dataclasses import FrozenInstanceError
from dataclasses import InitVar
```

### # Functions

```
from dataclasses import asdict
from dataclasses import astuple
from dataclasses import dataclass
from dataclasses import field
from dataclasses import fields
from dataclasses import is_dataclass
from dataclasses import make_dataclass
from dataclasses import replace
```

### # Sentinels / Constants / Objects

```
from dataclasses import KW_ONLY
from dataclasses import MISSING
```

# datetime

## Classes

```
[
    date,
    datetime,
    time,
    timedelta,
    timezone,
    tzinfo
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[
    MAXYEAR,
    MINYEAR,
    UTC
]
```

## Import statements

### # Classes

```
from datetime import date
from datetime import datetime
from datetime import time
from datetime import timedelta
from datetime import timezone
from datetime import tzinfo
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
from datetime import MAXYEAR
from datetime import MINYEAR
from datetime import UTC
```

# dbm

## Classes

[ ]

## Functions

```
[  
    open,  
    whichdb  
]
```

## Sentinels / Constants / Objects

```
[  
    error  
]
```

## Import statements

### # Classes

(none)

### # Functions

```
from dbm import open  
from dbm import whichdb
```

### # Sentinels / Constants / Objects

```
from dbm import error
```



# decimal

## Classes

```
[
    Clamped,
    Context,
    ConversionSyntax,
    Decimal,
    DecimalException,
    DecimalTuple,
    DivisionByZero,
    DivisionImpossible,
    DivisionUndefined,
    FloatOperation,
    Inexact,
    InvalidContext,
    InvalidOperation,
    Overflow,
    Rounded,
    Subnormal,
    Underflow
]
```

## Functions

```
[
    getcontext,
    localcontext,
    setcontext
]
```

## Sentinels / Constants / Objects

```
[
    BasicContext,
    DefaultContext,
    ExtendedContext,
    HAVE_CONTEXTVAR,
    HAVE_THREADS,
    MAX_EMAX,
    MAX_PREC,
    MIN_EMIN,
    MIN_ETINY,
    ROUND_05UP,
    ROUND_CEILING,
    ROUND_DOWN,
    ROUND_FLOOR,
    ROUND_HALF_DOWN,
    ROUND_HALF_EVEN,
    ROUND_HALF_UP,
    ROUND_UP
]
```

## Import statements

### # Classes

```
from decimal import Clamped
from decimal import Context
from decimal import ConversionSyntax
from decimal import Decimal
from decimal import DecimalException
from decimal import DecimalTuple
from decimal import DivisionByZero
```

```
from decimal import DivisionImpossible
from decimal import DivisionUndefined
from decimal import FloatOperation
from decimal import Inexact
from decimal import InvalidContext
from decimal import InvalidOperation
from decimal import Overflow
from decimal import Rounded
from decimal import Subnormal
from decimal import Underflow
```

#### **# Functions**

```
from decimal import getcontext
from decimal import localcontext
from decimal import setcontext
```

#### **# Sentinels / Constants / Objects**

```
from decimal import BasicContext
from decimal import DefaultContext
from decimal import ExtendedContext
from decimal import HAVE_CONTEXTVAR
from decimal import HAVE_THREADS
from decimal import MAX_EMAX
from decimal import MAX_PREC
from decimal import MIN_EMIN
from decimal import MIN_ETINY
from decimal import ROUND_05UP
from decimal import ROUND_CEILING
from decimal import ROUND_DOWN
from decimal import ROUND_FLOOR
from decimal import ROUND_HALF_DOWN
from decimal import ROUND_HALF_EVEN
from decimal import ROUND_HALF_UP
from decimal import ROUND_UP
```

# difflib

## Classes

```
[
    Differ,
    HtmlDiff,
    Match,
    SequenceMatcher
]
```

## Functions

```
[
    context_diff,
    diff_bytes,
    get_close_matches,
    IS_CHARACTER_JUNK,
    IS_LINE_JUNK,
    ndiff,
    restore,
    unified_diff
]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from difflib import Differ
from difflib import HtmlDiff
from difflib import Match
from difflib import SequenceMatcher
```

### # Functions

```
from difflib import context_diff
from difflib import diff_bytes
from difflib import get_close_matches
from difflib import IS_CHARACTER_JUNK
from difflib import IS_LINE_JUNK
from difflib import ndiff
from difflib import restore
from difflib import unified_diff
```

### # Sentinels / Constants / Objects

```
(none)
```

# dis

## Classes

```
[
    Bytecode,
    Instruction
]
```

## Functions

```
[
    code_info,
    dis,
    disassemble,
    disco,
    distb,
    findlabels,
    findlinestarts,
    get_instructions,
    show_code,
    stack_effect
]
```

## Sentinels / Constants / Objects

```
[
    cmp_op,
    EXTENDED_ARG,
    hasarg,
    hascompare,
    hasconst,
    hasexc,
    hasfree,
    hasjabs,
    hasjrel,
    haslocal,
    hasname,
    HAVE_ARGUMENT,
    opmap,
    opname
]
```

## Import statements

### # Classes

```
from dis import Bytecode
from dis import Instruction
```

### # Functions

```
from dis import code_info
from dis import dis
from dis import disassemble
from dis import disco
from dis import distb
from dis import findlabels
from dis import findlinestarts
from dis import get_instructions
from dis import show_code
from dis import stack_effect
```

### # Sentinels / Constants / Objects

```
from dis import cmp_op
from dis import EXTENDED_ARG
from dis import hasarg
from dis import hascompare
```

```
from dis import hasconst
from dis import hasexc
from dis import hasfree
from dis import hasjabs
from dis import hasjrel
from dis import haslocal
from dis import hasname
from dis import HAVE_ARGUMENT
from dis import opmap
from dis import opname
```

# doctest

## Classes

```
[
    DebugRunner,
    DocTest,
    DocTestFailure,
    DocTestFinder,
    DocTestParser,
    DocTestRunner,
    Example,
    OutputChecker,
    UnexpectedException
]
```

## Functions

```
[
    debug,
    debug_src,
    DocFileSuite,
    DocTestSuite,
    register_optionflag,
    run_docstring_examples,
    script_from_examples,
    set_unittest_reportflags,
    testfile,
    testmod,
    testsource
]
```

## Sentinels / Constants / Objects

```
[
    COMPARISON_FLAGS,
    DONT_ACCEPT_BLANKLINE,
    DONT_ACCEPT_TRUE_FOR_1,
    ELLIPSIS,
    FAIL_FAST,
    IGNORE_EXCEPTION_DETAIL,
    NORMALIZE_WHITESPACE,
    REPORT_CDIF,
    REPORT_NDIFF,
    REPORT_ONLY_FIRST_FAILURE,
    REPORT_UDIFF,
    REPORTING_FLAGS,
    SKIP
]
```

## Import statements

### # Classes

```
from doctest import DebugRunner
from doctest import DocTest
from doctest import DocTestFailure
from doctest import DocTestFinder
from doctest import DocTestParser
from doctest import DocTestRunner
from doctest import Example
from doctest import OutputChecker
from doctest import UnexpectedException
```

### # Functions

```
from doctest import debug
```

```
from doctest import debug_src
from doctest import DocFileSuite
from doctest import DocTestSuite
from doctest import register_optionflag
from doctest import run_docstring_examples
from doctest import script_from_examples
from doctest import set_unittest_reportflags
from doctest import testfile
from doctest import testmod
from doctest import testsource
```

#### **# Sentinels / Constants / Objects**

```
from doctest import COMPARISON_FLAGS
from doctest import DONT_ACCEPT_BLANKLINE
from doctest import DONT_ACCEPT_TRUE_FOR_1
from doctest import ELLIPSIS
from doctest import FAIL_FAST
from doctest import IGNORE_EXCEPTION_DETAIL
from doctest import NORMALIZE_WHITESPACE
from doctest import REPORT_CDIF
from doctest import REPORT_NDIFF
from doctest import REPORT_ONLY_FIRST_FAILURE
from doctest import REPORT_UDIFF
from doctest import REPORTING_FLAGS
from doctest import SKIP
```

# email

## Classes

[ ]

## Functions

```
[
    message_from_binary_file,
    message_from_bytes,
    message_from_file,
    message_from_string
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from email import message_from_binary_file
from email import message_from_bytes
from email import message_from_file
from email import message_from_string
```

### # Sentinels / Constants / Objects

(none)



# encodings

## Classes

```
[
    CodecRegistryError
]
```

## Functions

```
[
    normalize_encoding,
    search_function
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings import CodecRegistryError
```

### # Functions

```
from encodings import normalize_encoding
```

```
from encodings import search_function
```

### # Sentinels / Constants / Objects

```
(none)
```

# enum

## Classes

```
[
    auto,
    Enum,
    EnumCheck,
    EnumMeta,
    EnumType,
    Flag,
    FlagBoundary,
    IntEnum,
    IntFlag,
    member,
    nonmember,
    property,
    ReprEnum,
    StrEnum,
    verify
]
```

## Functions

```
[
    global_enum,
    global_enum_repr,
    global_flag_repr,
    global_str,
    pickle_by_enum_name,
    pickle_by_global_name,
    unique
]
```

## Sentinels / Constants / Objects

```
[
    CONFORM,
    CONTINUOUS,
    EJECT,
    KEEP,
    NAMED_FLAGS,
    STRICT,
    UNIQUE
]
```

## Import statements

### # Classes

```
from enum import auto
from enum import Enum
from enum import EnumCheck
from enum import EnumMeta
from enum import EnumType
from enum import Flag
from enum import FlagBoundary
from enum import IntEnum
from enum import IntFlag
from enum import member
from enum import nonmember
from enum import property
from enum import ReprEnum
from enum import StrEnum
from enum import verify
```

### **# Functions**

```
from enum import global_enum
from enum import global_enum_repr
from enum import global_flag_repr
from enum import global_str
from enum import pickle_by_enum_name
from enum import pickle_by_global_name
from enum import unique
```

### **# Sentinels / Constants / Objects**

```
from enum import CONFORM
from enum import CONTINUOUS
from enum import EJECT
from enum import KEEP
from enum import NAMED_FLAGS
from enum import STRICT
from enum import UNIQUE
```

# errno

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[  
E2BIG,  
EACCES,  
EADDRINUSE,  
EADDRNOTAVAIL,  
EADV,  
EAFNOSUPPORT,  
EAGAIN,  
EALREADY,  
EBADF,  
EBADFD,  
EBADMSG,  
EBADR,  
EBADRQC,  
EBADSLT,  
EBFONT,  
EBUSY,  
ECANCELED,  
ECHILD,  
ECHRNG,  
ECOMM,  
ECONNABORTED,  
ECONNREFUSED,  
ECONNRESET,  
EDEADLK,  
EDEADLOCK,  
EDESTADDRREQ,  
EDOM,  
EDOTDOT,  
EDQUOT,  
EEXIST,  
EFAULT,  
EFBIG,  
EHOSTDOWN,  
EHOSTUNREACH,  
EIDRM,  
EILSEQ,  
EINPROGRESS,  
EINTR,  
EINVAL,  
EIO,  
EISCONN,  
EISDIR,  
EISNAM,  
EKEYEXPIRED,  
EKEYREJECTED,  
EKEYREVOKED,  
EL2HLT,  
EL2NSYNC,  
EL3HLT,

EL3RST,  
ELIBACC,  
ELIBBAD,  
ELIBEXEC,  
ELIBMAX,  
ELIBSCN,  
ELNRNG,  
ELOOP,  
EMEDIUMTYPE,  
EMFILE,  
EMLINK,  
EMSGSIZE,  
EMULTIHOP,  
ENAMETOOLONG,  
ENAVAIL,  
ENETDOWN,  
ENETRESET,  
ENETUNREACH,  
ENFILE,  
ENOANO,  
ENOBUFFS,  
ENOCSS,  
ENODATA,  
ENODEV,  
ENOENT,  
ENOEXEC,  
ENOKEY,  
ENOLCK,  
ENOLINK,  
ENOMEDIUM,  
ENOMEM,  
ENOMSG,  
ENONET,  
ENOPKG,  
ENOPROTOOPT,  
ENOSPC,  
ENOSR,  
ENOSTR,  
ENOSYS,  
ENOTBLK,  
ENOTCONN,  
ENOTDIR,  
ENOTEMPTY,  
ENOTNAM,  
ENOTRECOVERABLE,  
ENOTSOCK,  
ENOTSUP,  
ENOTTY,  
ENOTUNIQ,  
ENXIO,  
EOPNOTSUPP,  
EOVERFLOW,  
EOWNERDEAD,  
EPERM,  
EPFNOSUPPORT,  
EPIPE,  
EPROTO,  
EPROTONOSUPPORT,  
EPROTOTYPE,  
ERANGE,  
EREMCHG,  
EREMOTE,

```
EREMOTEIO,  
ERESTART,  
ERFKILL,  
EROFS,  
errorcode,  
ESHUTDOWN,  
ESOCKTNOSUPPORT,  
ESPIPE,  
ESRCH,  
ESRMNT,  
ESTALE,  
ESTRPIPE,  
ETIME,  
ETIMEDOUT,  
ETOOMANYREFS,  
ETXTBSY,  
EUCLEAN,  
EUNATCH,  
EUSERS,  
EWOULDBLOCK,  
EXDEV,  
EXFULL  
]
```

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

```
from errno import E2BIG  
from errno import EACCES  
from errno import EADDRINUSE  
from errno import EADDRNOTAVAIL  
from errno import EADV  
from errno import EAFNOSUPPORT  
from errno import EAGAIN  
from errno import EALREADY  
from errno import EBADE  
from errno import EBADF  
from errno import EBADFD  
from errno import EBADMSG  
from errno import EBADR  
from errno import EBADRQC  
from errno import EBADSLT  
from errno import EBFONT  
from errno import EBUSY  
from errno import ECANCELED  
from errno import ECHILD  
from errno import ECHRNG  
from errno import ECOMM  
from errno import ECONNABORTED  
from errno import ECONNREFUSED  
from errno import ECONNRESET  
from errno import EDEADLK  
from errno import EDEADLOCK  
from errno import EDESTADDRREQ  
from errno import EDOM  
from errno import EDOTDOT  
from errno import EDQUOT  
from errno import EEXIST
```

```
from errno import EFAULT
from errno import EFBIG
from errno import EHOSTDOWN
from errno import EHOSTUNREACH
from errno import EIDRM
from errno import EILSEQ
from errno import EINPROGRESS
from errno import EINTR
from errno import EINVAL
from errno import EIO
from errno import EISCONN
from errno import EISDIR
from errno import EISNAM
from errno import EKEYEXPIRED
from errno import EKEYREJECTED
from errno import EKEYREVOKED
from errno import EL2HLT
from errno import EL2NSYNC
from errno import EL3HLT
from errno import EL3RST
from errno import ELIBACC
from errno import ELIBBAD
from errno import ELIBEXEC
from errno import ELIBMAX
from errno import ELIBSCN
from errno import ELNRNG
from errno import ELOOP
from errno import EMEDIUMTYPE
from errno import EMFILE
from errno import EMLINK
from errno import EMSGSIZE
from errno import EMULTIHOP
from errno import ENAMETOOLONG
from errno import ENAVAIL
from errno import ENETDOWN
from errno import ENETRESET
from errno import ENETUNREACH
from errno import ENFILE
from errno import ENOANO
from errno import ENOBUFS
from errno import ENOCSI
from errno import ENODATA
from errno import ENODEV
from errno import ENOENT
from errno import ENOEXEC
from errno import ENOKEY
from errno import ENOLCK
from errno import ENOLINK
from errno import ENOMEDIUM
from errno import ENOMEM
from errno import ENOMSG
from errno import ENONET
from errno import ENOPKG
from errno import ENOPROTOOPT
from errno import ENOSPC
from errno import ENOSR
from errno import ENOSTR
from errno import ENOSYS
from errno import ENOTBLK
from errno import ENOTCONN
from errno import ENOTDIR
from errno import ENOTEMPTY
```

```
from errno import ENOTNAM
from errno import ENOTRECOVERABLE
from errno import ENOTSOCK
from errno import ENOTSUP
from errno import ENOTTY
from errno import ENOTUNIQ
from errno import ENXIO
from errno import EOPNOTSUPP
from errno import EOVERFLOW
from errno import EOWNERDEAD
from errno import EPERM
from errno import EPNOSUPPORT
from errno import EPIPE
from errno import EPROTO
from errno import EPROTONOSUPPORT
from errno import EPROTOTYPE
from errno import ERANGE
from errno import EREMCHG
from errno import EREMOTE
from errno import EREMOTEO
from errno import ERESTART
from errno import ERFKILL
from errno import EROFS
from errno import errorcode
from errno import ESHUTDOWN
from errno import ESOCKTNOSUPPORT
from errno import ESPIPE
from errno import ESRCH
from errno import ESRMNT
from errno import ESTALE
from errno import ESTRPIPE
from errno import ETIME
from errno import ETIMEDOUT
from errno import ETOOMANYREFS
from errno import ETXTBSY
from errno import EUCLEAN
from errno import EUNATCH
from errno import EUSERS
from errno import EWOULDBLOCK
from errno import EXDEV
from errno import EXFULL
```



# faulthandler

## Classes

[ ]

## Functions

```
[
    cancel_dump_traceback_later,
    disable,
    dump_traceback,
    dump_traceback_later,
    enable,
    is_enabled,
    register,
    unregister
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from faulthandler import cancel_dump_traceback_later
from faulthandler import disable
from faulthandler import dump_traceback
from faulthandler import dump_traceback_later
from faulthandler import enable
from faulthandler import is_enabled
from faulthandler import register
from faulthandler import unregister
```

### # Sentinels / Constants / Objects

(none)

# fcntl

## Classes

[ ]

## Functions

```
[  
    fcntl,  
    flock,  
    ioctl,  
    lockf  
]
```

## Sentinels / Constants / Objects

```
[  
    DN_ACCESS,  
    DN_ATTRIB,  
    DN_CREATE,  
    DN_DELETE,  
    DN_MODIFY,  
    DN_MULTISHOT,  
    DN_RENAME,  
    F_ADD_SEALS,  
    F_DUPFD,  
    F_DUPFD_CLOEXEC,  
    F_EXLCK,  
    F_GET_SEALS,  
    F_GETFD,  
    F_GETFL,  
    F_GETLEASE,  
    F_GETLK,  
    F_GETLK64,  
    F_GETOWN,  
    F_GETPIPE_SZ,  
    F_GETSIG,  
    F_NOTIFY,  
    F_OFD_GETLK,  
    F_OFD_SETLK,  
    F_OFD_SETLKW,  
    F_RDLCK,  
    F_SEAL_GROW,  
    F_SEAL_SEAL,  
    F_SEAL_SHRINK,  
    F_SEAL_WRITE,  
    F_SETFD,  
    F_SETFL,  
    F_SETLEASE,  
    F_SETLK,  
    F_SETLK64,  
    F_SETLKW,  
    F_SETLKW64,  
    F_SETOWN,  
    F_SETPIPE_SZ,  
    F_SETSIG,  
    F_SHLCK,  
    F_UNLCK,  
    F_WRLCK,  
    FASYNC,  
    FD_CLOEXEC,  
    FICLONE,  
]
```

```
FICLONERANGE,  
LOCK_EX,  
LOCK_MAND,  
LOCK_NB,  
LOCK_READ,  
LOCK_RW,  
LOCK_SH,  
LOCK_UN,  
LOCK_WRITE  
]
```

## Import statements

### # Classes

(none)

### # Functions

```
from fcntl import fcntl  
from fcntl import flock  
from fcntl import ioctl  
from fcntl import lockf
```

### # Sentinels / Constants / Objects

```
from fcntl import DN_ACCESS  
from fcntl import DN_ATTRIB  
from fcntl import DN_CREATE  
from fcntl import DN_DELETE  
from fcntl import DN_MODIFY  
from fcntl import DN_MULTISHOT  
from fcntl import DN_RENAME  
from fcntl import F_ADD_SEALS  
from fcntl import F_DUPFD  
from fcntl import F_DUPFD_CLOEXEC  
from fcntl import F_EXLCK  
from fcntl import F_GET_SEALS  
from fcntl import F_GETFD  
from fcntl import F_GETFL  
from fcntl import F_GETLEASE  
from fcntl import F_GETLK  
from fcntl import F_GETLK64  
from fcntl import F_GETOWN  
from fcntl import F_GETPIPE_SZ  
from fcntl import F_GETSIG  
from fcntl import F_NOTIFY  
from fcntl import F_OFD_GETLK  
from fcntl import F_OFD_SETLK  
from fcntl import F_OFD_SETLKW  
from fcntl import F_RDLCK  
from fcntl import F_SEAL_GROW  
from fcntl import F_SEAL_SEAL  
from fcntl import F_SEAL_SHRINK  
from fcntl import F_SEAL_WRITE  
from fcntl import F_SETFD  
from fcntl import F_SETFL  
from fcntl import F_SETLEASE  
from fcntl import F_SETLK  
from fcntl import F_SETLK64  
from fcntl import F_SETLKW  
from fcntl import F_SETLKW64  
from fcntl import F_SETOWN  
from fcntl import F_SETPIPE_SZ  
from fcntl import F_SETSIG  
from fcntl import F_SHLCK  
from fcntl import F_UNLCK
```

```
from fcntl import F_WRLCK
from fcntl import FASYNC
from fcntl import FD_CLOEXEC
from fcntl import FICLONE
from fcntl import FICLONERANGE
from fcntl import LOCK_EX
from fcntl import LOCK_MAND
from fcntl import LOCK_NB
from fcntl import LOCK_READ
from fcntl import LOCK_RW
from fcntl import LOCK_SH
from fcntl import LOCK_UN
from fcntl import LOCK_WRITE
```

# filecmp

## Classes

```
[  
    dircmp  
]
```

## Functions

```
[  
    clear_cache,  
    cmp,  
    cmpfiles  
]
```

## Sentinels / Constants / Objects

```
[  
    DEFAULT_IGNORES  
]
```

## Import statements

### # Classes

```
from filecmp import dircmp
```

### # Functions

```
from filecmp import clear_cache
```

```
from filecmp import cmp
```

```
from filecmp import cmpfiles
```

### # Sentinels / Constants / Objects

```
from filecmp import DEFAULT_IGNORES
```

# fileinput

## Classes

```
[
    FileInput
]
```

## Functions

```
[
    close,
    filelineno,
    filename,
    fileno,
    hook_compressed,
    hook_encoded,
    input,
    isfirstline,
    isstdin,
    lineno,
    nextfile
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from fileinput import FileInput
```

### # Functions

```
from fileinput import close
from fileinput import filelineno
from fileinput import filename
from fileinput import fileno
from fileinput import hook_compressed
from fileinput import hook_encoded
from fileinput import input
from fileinput import isfirstline
from fileinput import isstdin
from fileinput import lineno
from fileinput import nextfile
```

### # Sentinels / Constants / Objects

```
(none)
```

# fnmatch

## Classes

[ ]

## Functions

```
[
    filter,
    fnmatch,
    fnmatchcase,
    translate
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from fnmatch import filter
from fnmatch import fnmatch
from fnmatch import fnmatchcase
from fnmatch import translate
```

### # Sentinels / Constants / Objects

(none)

# fractions

## Classes

```
[
    Fraction
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from fractions import Fraction
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```



# ftplib

## Classes

```
[
    error_perm,
    error_proto,
    error_reply,
    error_temp,
    FTP,
    FTP_TLS
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[
    all_errors
]
```

## Import statements

### # Classes

```
from ftplib import error_perm
from ftplib import error_proto
from ftplib import error_reply
from ftplib import error_temp
from ftplib import FTP
from ftplib import FTP_TLS
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
from ftplib import all_errors
```

# functools

## Classes

```
[
    cached_property,
    partial,
    partialmethod,
    singledispatchmethod
]
```

## Functions

```
[
    cache,
    cmp_to_key,
    lru_cache,
    reduce,
    singledispatch,
    total_ordering,
    update_wrapper,
    wraps
]
```

## Sentinels / Constants / Objects

```
[
    WRAPPER_ASSIGNMENTS,
    WRAPPER_UPDATES
]
```

## Import statements

### # Classes

```
from functools import cached_property
from functools import partial
from functools import partialmethod
from functools import singledispatchmethod
```

### # Functions

```
from functools import cache
from functools import cmp_to_key
from functools import lru_cache
from functools import reduce
from functools import singledispatch
from functools import total_ordering
from functools import update_wrapper
from functools import wraps
```

### # Sentinels / Constants / Objects

```
from functools import WRAPPER_ASSIGNMENTS
from functools import WRAPPER_UPDATES
```

# gc

## Classes

[ ]

## Functions

```
[
    collect,
    disable,
    enable,
    freeze,
    get_count,
    get_debug,
    get_freeze_count,
    get_objects,
    get_referents,
    get_referrers,
    get_stats,
    get_threshold,
    is_finalized,
    is_tracked,
    isenabled,
    set_debug,
    set_threshold,
    unfreeze
]
```

## Sentinels / Constants / Objects

```
[
    callbacks,
    DEBUG_COLLECTABLE,
    DEBUG_LEAK,
    DEBUG_SAVEALL,
    DEBUG_STATS,
    DEBUG_UNCOLLECTABLE,
    garbage
]
```

## Import statements

### # Classes

(none)

### # Functions

```
from gc import collect
from gc import disable
from gc import enable
from gc import freeze
from gc import get_count
from gc import get_debug
from gc import get_freeze_count
from gc import get_objects
from gc import get_referents
from gc import get_referrers
from gc import get_stats
from gc import get_threshold
from gc import is_finalized
from gc import is_tracked
from gc import isenabled
from gc import set_debug
from gc import set_threshold
from gc import unfreeze
```

### **# Sentinels / Constants / Objects**

```
from gc import callbacks
from gc import DEBUG_COLLECTABLE
from gc import DEBUG_LEAK
from gc import DEBUG_SAVEALL
from gc import DEBUG_STATS
from gc import DEBUG_UNCOLLECTABLE
from gc import garbage
```

# genericpath

## Classes

[ ]

## Functions

```
[
    commonprefix,
    exists,
    getatime,
    getctime,
    getmtime,
    getsize,
    isdir,
    isfile,
    islink,
    samefile,
    sameopenfile,
    samestat
]
```

## Sentinels / Constants / Objects

```
[
    ALLOW_MISSING
]
```

## Import statements

### # Classes

(none)

### # Functions

```
from genericpath import commonprefix
from genericpath import exists
from genericpath import getatime
from genericpath import getctime
from genericpath import getmtime
from genericpath import getsize
from genericpath import isdir
from genericpath import isfile
from genericpath import islink
from genericpath import samefile
from genericpath import sameopenfile
from genericpath import samestat
```

### # Sentinels / Constants / Objects

```
from genericpath import ALLOW_MISSING
```

# getopt

## Classes

```
[
    error,
    GetoptError
]
```

## Functions

```
[
    getopt,
    gnu_getopt
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from getopt import error
from getopt import GetoptError
```

### # Functions

```
from getopt import getopt
from getopt import gnu_getopt
```

### # Sentinels / Constants / Objects

```
(none)
```

# getpass

## Classes

```
[  
    GetPassWarning  
]
```

## Functions

```
[  
    getpass,  
    getuser  
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from getpass import GetPassWarning
```

### # Functions

```
from getpass import getpass
```

```
from getpass import getuser
```

### # Sentinels / Constants / Objects

```
(none)
```

# gettext

## Classes

```
[
    GNUTranslations,
    NullTranslations
]
```

## Functions

```
[
    bindtextdomain,
    Catalog,
    dgettext,
    dngettext,
    dnpgettext,
    dpgettext,
    find,
    gettext,
    install,
    ngettext,
    npgettext,
    pgettext,
    textdomain,
    translation
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from gettext import GNUTranslations
from gettext import NullTranslations
```

### # Functions

```
from gettext import bindtextdomain
from gettext import Catalog
from gettext import dgettext
from gettext import dngettext
from gettext import dnpgettext
from gettext import dpgettext
from gettext import find
from gettext import gettext
from gettext import install
from gettext import ngettext
from gettext import npgettext
from gettext import pgettext
from gettext import textdomain
from gettext import translation
```

### # Sentinels / Constants / Objects

```
(none)
```



# glob

## Classes

[ ]

## Functions

```
[
    escape,
    glob,
    iglob
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from glob import escape
from glob import glob
from glob import iglob
```

### # Sentinels / Constants / Objects

(none)

# graphlib

## Classes

```
[
    CycleError,
    TopologicalSorter
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from graphlib import CycleError
from graphlib import TopologicalSorter
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# grp

## Classes

```
[  
    struct_group  
]
```

## Functions

```
[  
    getgrall,  
    getgrgid,  
    getgrnam  
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from grp import struct_group
```

### # Functions

```
from grp import getgrall
```

```
from grp import getgrgid
```

```
from grp import getgrnam
```

### # Sentinels / Constants / Objects

```
(none)
```

# gzip

## Classes

```
[
    BadGzipFile,
    GzipFile
]
```

## Functions

```
[
    compress,
    decompress,
    open
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from gzip import BadGzipFile
from gzip import GzipFile
```

### # Functions

```
from gzip import compress
from gzip import decompress
from gzip import open
```

### # Sentinels / Constants / Objects

```
(none)
```

# hashlib

## Classes

```
[
    blake2b,
    blake2s
]
```

## Functions

```
[
    file_digest,
    md5,
    new,
    pbkdf2_hmac,
    sha1,
    sha224,
    sha256,
    sha384,
    sha3_224,
    sha3_256,
    sha3_384,
    sha3_512,
    sha512,
    shake_128,
    shake_256
]
```

## Sentinels / Constants / Objects

```
[
    algorithms_available,
    algorithms_guaranteed
]
```

## Import statements

### # Classes

```
from hashlib import blake2b
from hashlib import blake2s
```

### # Functions

```
from hashlib import file_digest
from hashlib import md5
from hashlib import new
from hashlib import pbkdf2_hmac
from hashlib import sha1
from hashlib import sha224
from hashlib import sha256
from hashlib import sha384
from hashlib import sha3_224
from hashlib import sha3_256
from hashlib import sha3_384
from hashlib import sha3_512
from hashlib import sha512
from hashlib import shake_128
from hashlib import shake_256
```

### # Sentinels / Constants / Objects

```
from hashlib import algorithms_available
from hashlib import algorithms_guaranteed
```

# heapq

## Classes

[ ]

## Functions

```
[
    heapify,
    heappop,
    heappush,
    heappushpop,
    heapreplace,
    merge,
    nlargest,
    nsmallest
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from heapq import heapify
from heapq import heappop
from heapq import heappush
from heapq import heappushpop
from heapq import heapreplace
from heapq import merge
from heapq import nlargest
from heapq import nsmallest
```

### # Sentinels / Constants / Objects

(none)

# hmac

## Classes

```
[
    HMAC
]
```

## Functions

```
[
    compare_digest,
    digest,
    new
]
```

## Sentinels / Constants / Objects

```
[
    digest_size,
    trans_36,
    trans_5C
]
```

## Import statements

### # Classes

```
from hmac import HMAC
```

### # Functions

```
from hmac import compare_digest
```

```
from hmac import digest
```

```
from hmac import new
```

### # Sentinels / Constants / Objects

```
from hmac import digest_size
```

```
from hmac import trans_36
```

```
from hmac import trans_5C
```

# html

## Classes

[ ]

## Functions

```
[
    escape,
    unescape
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from html import escape
from html import unescape
```

### # Sentinels / Constants / Objects

(none)



# http

## Classes

```
[
    HTTPMethod,
    HTTPStatus
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from http import HTTPMethod
from http import HTTPStatus
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# imaplib

## Classes

```
[
    IMAP4,
    IMAP4_SSL,
    IMAP4_stream
]
```

## Functions

```
[
    Int2AP,
    Internaldate2tuple,
    ParseFlags,
    Time2Internaldate
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from imaplib import IMAP4
from imaplib import IMAP4_SSL
from imaplib import IMAP4_stream
```

### # Functions

```
from imaplib import Int2AP
from imaplib import Internaldate2tuple
from imaplib import ParseFlags
from imaplib import Time2Internaldate
```

### # Sentinels / Constants / Objects

```
(none)
```

# imghdr

## Classes

[ ]

## Functions

```
[  
    what  
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from imghdr import what
```

### # Sentinels / Constants / Objects

(none)

# importlib

## Classes

[ ]

## Functions

```
[
    import_module,
    invalidate_caches,
    reload
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from importlib import import_module
from importlib import invalidate_caches
from importlib import reload
```

### # Sentinels / Constants / Objects

(none)

# inspect

## Classes

```
[
    ArgInfo,
    Arguments,
    Attribute,
    BlockFinder,
    BoundArguments,
    BufferFlags,
    ClassFoundException,
    ClosureVars,
    EndOfBlock,
    FrameInfo,
    FullArgSpec,
    Parameter,
    Signature,
    Traceback
]
```

## Functions

```
[
    classify_class_attrs,
    cleandoc,
    currentframe,
    findsource,
    formatannotation,
    formatannotationrelativeto,
    formatargvalues,
    get_annotations,
    getabsfile,
    getargs,
    getargvalues,
    getasynccgenlocals,
    getasynccgenstate,
    getattr_static,
    getblock,
    getcallargs,
    getclasstree,
    getclosurevars,
    getcomments,
    getcoroutinelocals,
    getcoroutinestate,
    getdoc,
    getfile,
    getframeinfo,
    getfullargspec,
    getgeneratorlocals,
    getgeneratorstate,
    getinnerframes,
    getlineno,
    getmembers,
    getmembers_static,
    getmodule,
    getmodulename,
    getmro,
    getouterframes,
    getsource,
    getsourcefile,
    getsourcelines,
```

```

indentsize,
isabstract,
isasyncgen,
isasyncgenfunction,
isawaitable,
isbuiltin,
isclass,
iscode,
iscoroutine,
iscoroutinefunction,
isdatadescriptor,
isframe,
isfunction,
isgenerator,
isgeneratorfunction,
isgetsetdescriptor,
ismemberdescriptor,
ismethod,
ismethoddescriptor,
ismethodwrapper,
ismodule,
isroutine,
istraceback,
markcoroutinefunction,
signature,
stack,
trace,
unwrap,
walktree
]

```

## Sentinels / Constants / Objects

```

[
    AGEN_CLOSED,
    AGEN_CREATED,
    AGEN_RUNNING,
    AGEN_SUSPENDED,
    CO_ASYNC_GENERATOR,
    CO_COROUTINE,
    CO_GENERATOR,
    CO_ITERABLE_COROUTINE,
    CO_NESTED,
    CO_NEWLOCALS,
    CO_NOFREE,
    CO_OPTIMIZED,
    CO_VARARGS,
    CO_VARKEYWORDS,
    CORO_CLOSED,
    CORO_CREATED,
    CORO_RUNNING,
    CORO_SUSPENDED,
    GEN_CLOSED,
    GEN_CREATED,
    GEN_RUNNING,
    GEN_SUSPENDED,
    TPFLAGS_IS_ABSTRACT
]

```

## Import statements

### # Classes

```

from inspect import ArgInfo

```

```
from inspect import Arguments
from inspect import Attribute
from inspect import BlockFinder
from inspect import BoundArguments
from inspect import BufferFlags
from inspect import ClassFoundException
from inspect import ClosureVars
from inspect import EndOfBlock
from inspect import FrameInfo
from inspect import FullArgSpec
from inspect import Parameter
from inspect import Signature
from inspect import Traceback
```

## **# Functions**

```
from inspect import classify_class_attrs
from inspect import cleandoc
from inspect import currentframe
from inspect import findsource
from inspect import formatannotation
from inspect import formatannotationrelativeto
from inspect import formatargvalues
from inspect import get_annotations
from inspect import getabsfile
from inspect import getargs
from inspect import getargvalues
from inspect import getasyncgenlocals
from inspect import getasyncgenstate
from inspect import getattr_static
from inspect import getblock
from inspect import getcallargs
from inspect import getclasstree
from inspect import getclosurevars
from inspect import getcomments
from inspect import getcoroutinelocals
from inspect import getcoroutinestate
from inspect import getdoc
from inspect import getfile
from inspect import getframeinfo
from inspect import getfullargspec
from inspect import getgeneratorlocals
from inspect import getgeneratorstate
from inspect import getinnerframes
from inspect import getlineno
from inspect import getmembers
from inspect import getmembers_static
from inspect import getmodule
from inspect import getmodulename
from inspect import getmro
from inspect import getouterframes
from inspect import getsource
from inspect import getsourcefile
from inspect import getsourcelines
from inspect import indentsize
from inspect import isabstract
from inspect import isasyncgen
from inspect import isasyncgenfunction
from inspect import isawaitable
from inspect import isbuiltin
from inspect import isclass
from inspect import iscode
from inspect import iscoroutine
from inspect import iscoroutinefunction
```

```
from inspect import isdatadescriptor
from inspect import isframe
from inspect import isfunction
from inspect import isgenerator
from inspect import isgeneratorfunction
from inspect import isgetsetdescriptor
from inspect import ismemberdescriptor
from inspect import ismethod
from inspect import ismethoddescriptor
from inspect import ismethodwrapper
from inspect import ismodule
from inspect import isroutine
from inspect import istraceback
from inspect import markcoroutinefunction
from inspect import signature
from inspect import stack
from inspect import trace
from inspect import unwrap
from inspect import walktree
```

### **# Sentinels / Constants / Objects**

```
from inspect import AGEN_CLOSED
from inspect import AGEN_CREATED
from inspect import AGEN_RUNNING
from inspect import AGEN_SUSPENDED
from inspect import CO_ASYNC_GENERATOR
from inspect import CO_COROUTINE
from inspect import CO_GENERATOR
from inspect import CO_ITERABLE_COROUTINE
from inspect import CO_NESTED
from inspect import CO_NEWLOCALS
from inspect import CO_NOFREE
from inspect import CO_OPTIMIZED
from inspect import CO_VARARGS
from inspect import CO_VARKEYWORDS
from inspect import CORO_CLOSED
from inspect import CORO_CREATED
from inspect import CORO_RUNNING
from inspect import CORO_SUSPENDED
from inspect import GEN_CLOSED
from inspect import GEN_CREATED
from inspect import GEN_RUNNING
from inspect import GEN_SUSPENDED
from inspect import TPFLAGS_IS_ABSTRACT
```



# io

## Classes

```
[
    BlockingIOError,
    BufferedIOBase,
    BufferedRandom,
    BufferedReader,
    BufferedRWPair,
    BufferedWriter,
    BytesIO,
    FileIO,
    IncrementalNewlineDecoder,
    IOBase,
    RawIOBase,
    StringIO,
    TextIOBase,
    TextIOWrapper,
    UnsupportedOperation
]
```

## Functions

```
[
    open,
    open_code,
    text_encoding
]
```

## Sentinels / Constants / Objects

```
[
    DEFAULT_BUFFER_SIZE,
    SEEK_CUR,
    SEEK_END,
    SEEK_SET
]
```

## Import statements

### # Classes

```
from io import BlockingIOError
from io import BufferedIOBase
from io import BufferedRandom
from io import BufferedReader
from io import BufferedRWPair
from io import BufferedWriter
from io import BytesIO
from io import FileIO
from io import IncrementalNewlineDecoder
from io import IOBase
from io import RawIOBase
from io import StringIO
from io import TextIOBase
from io import TextIOWrapper
from io import UnsupportedOperation
```

### # Functions

```
from io import open
from io import open_code
from io import text_encoding
```

### # Sentinels / Constants / Objects

```
from io import DEFAULT_BUFFER_SIZE
from io import SEEK_CUR
```

```
from io import SEEK_END
from io import SEEK_SET
```

# ipaddress

## Classes

```
[
    AddressValueError,
    IPv4Address,
    IPv4Interface,
    IPv4Network,
    IPv6Address,
    IPv6Interface,
    IPv6Network,
    NetmaskValueError
]
```

## Functions

```
[
    collapse_addresses,
    get_mixed_type_key,
    ip_address,
    ip_interface,
    ip_network,
    summarize_address_range,
    v4_int_to_packed,
    v6_int_to_packed
]
```

## Sentinels / Constants / Objects

```
[
    IPV4LENGTH,
    IPV6LENGTH
]
```

## Import statements

### # Classes

```
from ipaddress import AddressValueError
from ipaddress import IPv4Address
from ipaddress import IPv4Interface
from ipaddress import IPv4Network
from ipaddress import IPv6Address
from ipaddress import IPv6Interface
from ipaddress import IPv6Network
from ipaddress import NetmaskValueError
```

### # Functions

```
from ipaddress import collapse_addresses
from ipaddress import get_mixed_type_key
from ipaddress import ip_address
from ipaddress import ip_interface
from ipaddress import ip_network
from ipaddress import summarize_address_range
from ipaddress import v4_int_to_packed
from ipaddress import v6_int_to_packed
```

### # Sentinels / Constants / Objects

```
from ipaddress import IPV4LENGTH
from ipaddress import IPV6LENGTH
```

# itertools

## Classes

```
[
    accumulate,
    batched,
    chain,
    combinations,
    combinations_with_replacement,
    compress,
    count,
    cycle,
    dropwhile,
    filterfalse,
    groupby,
    islice,
    pairwise,
    permutations,
    product,
    repeat,
    starmap,
    takewhile,
    zip_longest
]
```

## Functions

```
[
    tee
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from itertools import accumulate
from itertools import batched
from itertools import chain
from itertools import combinations
from itertools import combinations_with_replacement
from itertools import compress
from itertools import count
from itertools import cycle
from itertools import dropwhile
from itertools import filterfalse
from itertools import groupby
from itertools import islice
from itertools import pairwise
from itertools import permutations
from itertools import product
from itertools import repeat
from itertools import starmap
from itertools import takewhile
from itertools import zip_longest
```

### # Functions

```
from itertools import tee
```

### # Sentinels / Constants / Objects

```
(none)
```

# json

## Classes

```
[
    JSONDecodeError,
    JSONDecoder,
    JSONEncoder
]
```

## Functions

```
[
    dump,
    dumps,
    load,
    loads
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from json import JSONDecodeError
from json import JSONDecoder
from json import JSONEncoder
```

### # Functions

```
from json import dump
from json import dumps
from json import load
from json import loads
```

### # Sentinels / Constants / Objects

```
(none)
```

# keyword

## Classes

```
[ ]
```

## Functions

```
[  
    iskeyword,  
    issoftkeyword  
]
```

## Sentinels / Constants / Objects

```
[  
    kwlist,  
    softkwlist  
]
```

## Import statements

### # Classes

```
(none)
```

### # Functions

```
from keyword import iskeyword  
from keyword import issoftkeyword
```

### # Sentinels / Constants / Objects

```
from keyword import kwlist  
from keyword import softkwlist
```

# linecache

## Classes

[ ]

## Functions

```
[
    checkcache,
    clearcache,
    getline,
    lazycache
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from linecache import checkcache
from linecache import clearcache
from linecache import getline
from linecache import lazycache
```

### # Sentinels / Constants / Objects

(none)

# locale

## Classes

```
[
    Error
]
```

## Functions

```
[
    atof,
    atoi,
    currency,
    format_string,
    getdefaultlocale,
    getencoding,
    getlocale,
    getpreferredencoding,
    localeconv,
    normalize,
    resetlocale,
    setlocale,
    str,
    strcoll,
    strxfrm
]
```

## Sentinels / Constants / Objects

```
[
    CHAR_MAX,
    LC_ALL,
    LC_COLLATE,
    LC_CTYPE,
    LC_MESSAGES,
    LC_MONETARY,
    LC_NUMERIC,
    LC_TIME
]
```

## Import statements

### # Classes

```
from locale import Error
```

### # Functions

```
from locale import atof
from locale import atoi
from locale import currency
from locale import format_string
from locale import getdefaultlocale
from locale import getencoding
from locale import getlocale
from locale import getpreferredencoding
from locale import localeconv
from locale import normalize
from locale import resetlocale
from locale import setlocale
from locale import str
from locale import strcoll
from locale import strxfrm
```

### # Sentinels / Constants / Objects

```
from locale import CHAR_MAX
from locale import LC_ALL
```



```
from locale import LC_COLLATE
from locale import LC_CTYPE
from locale import LC_MESSAGES
from locale import LC_MONETARY
from locale import LC_NUMERIC
from locale import LC_TIME
```

# logging

## Classes

```
[
    BufferingFormatter,
    FileHandler,
    Filter,
    Formatter,
    Handler,
    Logger,
    LoggerAdapter,
    LogRecord,
    NullHandler,
    StreamHandler
]
```

## Functions

```
[
    addLevelName,
    basicConfig,
    captureWarnings,
    critical,
    debug,
    disable,
    error,
    exception,
    fatal,
    getHandlerByName,
    getHandlerNames,
    getLevelName,
    getLevelNamesMapping,
    getLogger,
    getLoggerClass,
    getLogRecordFactory,
    info,
    log,
    makeLogRecord,
    setLoggerClass,
    setLogRecordFactory,
    shutdown,
    warn,
    warning
]
```

## Sentinels / Constants / Objects

```
[
    BASIC_FORMAT,
    CRITICAL,
    DEBUG,
    ERROR,
    FATAL,
    INFO,
    lastResort,
    NOTSET,
    raiseExceptions,
    WARN,
    WARNING
]
```

## Import statements

## **# Classes**

```
from logging import BufferingFormatter
from logging import FileHandler
from logging import Filter
from logging import Formatter
from logging import Handler
from logging import Logger
from logging import LoggerAdapter
from logging import LogRecord
from logging import NullHandler
from logging import StreamHandler
```

## **# Functions**

```
from logging import addLevelName
from logging import basicConfig
from logging import captureWarnings
from logging import critical
from logging import debug
from logging import disable
from logging import error
from logging import exception
from logging import fatal
from logging import getHandlerByName
from logging import getHandlerNames
from logging import getLevelName
from logging import getLevelNamesMapping
from logging import getLogger
from logging import getLoggerClass
from logging import getLogRecordFactory
from logging import info
from logging import log
from logging import makeLogRecord
from logging import setLoggerClass
from logging import setLogRecordFactory
from logging import shutdown
from logging import warn
from logging import warning
```

## **# Sentinels / Constants / Objects**

```
from logging import BASIC_FORMAT
from logging import CRITICAL
from logging import DEBUG
from logging import ERROR
from logging import FATAL
from logging import INFO
from logging import lastResort
from logging import NOTSET
from logging import raiseExceptions
from logging import WARN
from logging import WARNING
```

# Lzma

## Classes

```
[
    LZMACompressor,
    LZMADecompressor,
    LZMAError,
    LZMAFile
]
```

## Functions

```
[
    compress,
    decompress,
    is_check_supported,
    open
]
```

## Sentinels / Constants / Objects

```
[
    CHECK_CRC32,
    CHECK_CRC64,
    CHECK_ID_MAX,
    CHECK_NONE,
    CHECK_SHA256,
    CHECK_UNKNOWN,
    FILTER_ARM,
    FILTER_ARMTHUMB,
    FILTER_DELTA,
    FILTER_IA64,
    FILTER_LZMA1,
    FILTER_LZMA2,
    FILTER_POWERPC,
    FILTER_SPARC,
    FILTER_X86,
    FORMAT_ALONE,
    FORMAT_AUTO,
    FORMAT_RAW,
    FORMAT_XZ,
    MF_BT2,
    MF_BT3,
    MF_BT4,
    MF_HC3,
    MF_HC4,
    MODE_FAST,
    MODE_NORMAL,
    PRESET_DEFAULT,
    PRESET_EXTREME
]
```

## Import statements

### # Classes

```
from lzma import LZMACompressor
from lzma import LZMADecompressor
from lzma import LZMAError
from lzma import LZMAFile
```

### # Functions

```
from lzma import compress
from lzma import decompress
from lzma import is_check_supported
```

```
from lzma import open
```

### **# Sentinels / Constants / Objects**

```
from lzma import CHECK_CRC32
from lzma import CHECK_CRC64
from lzma import CHECK_ID_MAX
from lzma import CHECK_NONE
from lzma import CHECK_SHA256
from lzma import CHECK_UNKNOWN
from lzma import FILTER_ARM
from lzma import FILTER_ARMTHUMB
from lzma import FILTER_DELTA
from lzma import FILTER_IA64
from lzma import FILTER_LZMA1
from lzma import FILTER_LZMA2
from lzma import FILTER_POWERPC
from lzma import FILTER_SPARC
from lzma import FILTER_X86
from lzma import FORMAT_ALONE
from lzma import FORMAT_AUTO
from lzma import FORMAT_RAW
from lzma import FORMAT_XZ
from lzma import MF_BT2
from lzma import MF_BT3
from lzma import MF_BT4
from lzma import MF_HC3
from lzma import MF_HC4
from lzma import MODE_FAST
from lzma import MODE_NORMAL
from lzma import PRESET_DEFAULT
from lzma import PRESET_EXTREME
```

# mailbox

## Classes

```
[
    Babyl,
    BabylMessage,
    Error,
    ExternalClashError,
    FormatError,
    Mailbox,
    Maildir,
    MaildirMessage,
    mbox,
    mboxMessage,
    Message,
    MH,
    MHMessage,
    MMDF,
    MMDFMessage,
    NoSuchMailboxError,
    NotEmptyError
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from mailbox import Babyl
from mailbox import BabylMessage
from mailbox import Error
from mailbox import ExternalClashError
from mailbox import FormatError
from mailbox import Mailbox
from mailbox import Maildir
from mailbox import MaildirMessage
from mailbox import mbox
from mailbox import mboxMessage
from mailbox import Message
from mailbox import MH
from mailbox import MHMessage
from mailbox import MMDF
from mailbox import MMDFMessage
from mailbox import NoSuchMailboxError
from mailbox import NotEmptyError
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# mailcap

## Classes

[ ]

## Functions

```
[  
    findmatch,  
    getcaps  
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from mailcap import findmatch  
from mailcap import getcaps
```

### # Sentinels / Constants / Objects

(none)

# marshal

## Classes

[ ]

## Functions

```
[  
    dump,  
    dumps,  
    load,  
    loads  
]
```

## Sentinels / Constants / Objects

```
[  
    version  
]
```

## Import statements

### # Classes

(none)

### # Functions

```
from marshal import dump  
from marshal import dumps  
from marshal import load  
from marshal import loads
```

### # Sentinels / Constants / Objects

```
from marshal import version
```



# math

## Classes

[ ]

## Functions

[

acos,  
acosh,  
asin,  
asinh,  
atan,  
atan2,  
atanh,  
cbrt,  
ceil,  
comb,  
copysign,  
cos,  
cosh,  
degrees,  
dist,  
erf,  
erfc,  
exp,  
exp2,  
expm1,  
fabs,  
factorial,  
floor,  
fmod,  
frexp,  
fsum,  
gamma,  
gcd,  
hypot,  
isclose,  
isfinite,  
isinf,  
isnan,  
isqrt,  
lcm,  
ldexp,  
lgamma,  
log,  
log10,  
log1p,  
log2,  
modf,  
nextafter,  
perm,  
pow,  
prod,  
radians,  
remainder,  
sin,  
sinh,  
sqrt,  
sumprod,  
tan,

```
tanh,  
trunc,  
ulp  
]
```

## Sentinels / Constants / Objects

```
[  
    e,  
    inf,  
    nan,  
    pi,  
    tau  
]
```

## Import statements

### # Classes

```
(none)
```

### # Functions

```
from math import acos  
from math import acosh  
from math import asin  
from math import asinh  
from math import atan  
from math import atan2  
from math import atanh  
from math import cbrt  
from math import ceil  
from math import comb  
from math import copysign  
from math import cos  
from math import cosh  
from math import degrees  
from math import dist  
from math import erf  
from math import erfc  
from math import exp  
from math import exp2  
from math import expm1  
from math import fabs  
from math import factorial  
from math import floor  
from math import fmod  
from math import frexp  
from math import fsum  
from math import gamma  
from math import gcd  
from math import hypot  
from math import isclose  
from math import isfinite  
from math import isinf  
from math import isnan  
from math import isqrt  
from math import lcm  
from math import ldexp  
from math import lgamma  
from math import log  
from math import log10  
from math import log1p  
from math import log2  
from math import modf  
from math import nextafter
```

```
from math import perm
from math import pow
from math import prod
from math import radians
from math import remainder
from math import sin
from math import sinh
from math import sqrt
from math import sumprod
from math import tan
from math import tanh
from math import trunc
from math import ulp
```

#### **# Sentinels / Constants / Objects**

```
from math import e
from math import inf
from math import nan
from math import pi
from math import tau
```

# mimetypes

## Classes

```
[  
    MimeTypes  
]
```

## Functions

```
[  
    add_type,  
    guess_all_extensions,  
    guess_extension,  
    guess_type,  
    init,  
    read_mime_types  
]
```

## Sentinels / Constants / Objects

```
[  
    common_types,  
    encodings_map,  
    inited,  
    knownfiles,  
    suffix_map,  
    types_map  
]
```

## Import statements

### # Classes

```
from mimetypes import MimeTypes
```

### # Functions

```
from mimetypes import add_type  
from mimetypes import guess_all_extensions  
from mimetypes import guess_extension  
from mimetypes import guess_type  
from mimetypes import init  
from mimetypes import read_mime_types
```

### # Sentinels / Constants / Objects

```
from mimetypes import common_types  
from mimetypes import encodings_map  
from mimetypes import inited  
from mimetypes import knownfiles  
from mimetypes import suffix_map  
from mimetypes import types_map
```

# mmap

## Classes

```
[  
    error,  
    mmap  
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[  
    ACCESS_COPY,  
    ACCESS_DEFAULT,  
    ACCESS_READ,  
    ACCESS_WRITE,  
    ALLOCATIONGRANULARITY,  
    MADV_DODUMP,  
    MADV_DOFORK,  
    MADV_DONTDUMP,  
    MADV_DONTFORK,  
    MADV_DONTNEED,  
    MADV_FREE,  
    MADV_HUGEPAGE,  
    MADV_HWPOISON,  
    MADV_MERGEABLE,  
    MADV_NOHUGEPAGE,  
    MADV_NORMAL,  
    MADV_RANDOM,  
    MADV_REMOVE,  
    MADV_SEQUENTIAL,  
    MADV_UNMERGEABLE,  
    MADV_WILLNEED,  
    MAP_ANON,  
    MAP_ANONYMOUS,  
    MAP_DENYWRITE,  
    MAP_EXECUTABLE,  
    MAP_POPULATE,  
    MAP_PRIVATE,  
    MAP_SHARED,  
    MAP_STACK,  
    PAGESIZE,  
    PROT_EXEC,  
    PROT_READ,  
    PROT_WRITE  
]
```

## Import statements

### # Classes

```
from mmap import error  
from mmap import mmap
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
from mmap import ACCESS_COPY  
from mmap import ACCESS_DEFAULT  
from mmap import ACCESS_READ  
from mmap import ACCESS_WRITE  
from mmap import ALLOCATIONGRANULARITY
```

```
from mmap import MADV_DODUMP
from mmap import MADV_DOFORK
from mmap import MADV_DONTDUMP
from mmap import MADV_DONTFORK
from mmap import MADV_DONTNEED
from mmap import MADV_FREE
from mmap import MADV_HUGEPAGE
from mmap import MADV_HWPOISON
from mmap import MADV_MERGEABLE
from mmap import MADV_NOHUGEPAGE
from mmap import MADV_NORMAL
from mmap import MADV_RANDOM
from mmap import MADV_REMOVE
from mmap import MADV_SEQUENTIAL
from mmap import MADV_UNMERGEABLE
from mmap import MADV_WILLNEED
from mmap import MAP_ANON
from mmap import MAP_ANONYMOUS
from mmap import MAP_DENYWRITE
from mmap import MAP_EXECUTABLE
from mmap import MAP_POPULATE
from mmap import MAP_PRIVATE
from mmap import MAP_SHARED
from mmap import MAP_STACK
from mmap import PAGESIZE
from mmap import PROT_EXEC
from mmap import PROT_READ
from mmap import PROT_WRITE
```

# modulefinder

## Classes

```
[  
    Module,  
    ModuleFinder  
]
```

## Functions

```
[  
    AddPackagePath,  
    ReplacePackage,  
    test  
]
```

## Sentinels / Constants / Objects

```
[  
    packagePathMap,  
    replacePackageMap  
]
```

## Import statements

### # Classes

```
from modulefinder import Module  
from modulefinder import ModuleFinder
```

### # Functions

```
from modulefinder import AddPackagePath  
from modulefinder import ReplacePackage  
from modulefinder import test
```

### # Sentinels / Constants / Objects

```
from modulefinder import packagePathMap  
from modulefinder import replacePackageMap
```

# multiprocessing

## Classes

```
[
    AuthenticationError,
    BufferTooShort,
    Process,
    ProcessError,
    TimeoutError
]
```

## Functions

```
[
    active_children,
    allow_connection_pickling,
    Array,
    Barrier,
    BoundedSemaphore,
    Condition,
    cpu_count,
    current_process,
    Event,
    freeze_support,
    get_all_start_methods,
    get_context,
    get_logger,
    get_start_method,
    JoinableQueue,
    Lock,
    log_to_stderr,
    Manager,
    parent_process,
    Pipe,
    Pool,
    Queue,
    RawArray,
    RawValue,
    RLock,
    Semaphore,
    set_executable,
    set_forkserver_preload,
    set_start_method,
    SimpleQueue,
    Value
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from multiprocessing import AuthenticationError
from multiprocessing import BufferTooShort
from multiprocessing import Process
from multiprocessing import ProcessError
from multiprocessing import TimeoutError
```

### # Functions

```
from multiprocessing import active_children
from multiprocessing import allow_connection_pickling
from multiprocessing import Array
```



```
from multiprocessing import Barrier
from multiprocessing import BoundedSemaphore
from multiprocessing import Condition
from multiprocessing import cpu_count
from multiprocessing import current_process
from multiprocessing import Event
from multiprocessing import freeze_support
from multiprocessing import get_all_start_methods
from multiprocessing import get_context
from multiprocessing import get_logger
from multiprocessing import get_start_method
from multiprocessing import JoinableQueue
from multiprocessing import Lock
from multiprocessing import log_to_stderr
from multiprocessing import Manager
from multiprocessing import parent_process
from multiprocessing import Pipe
from multiprocessing import Pool
from multiprocessing import Queue
from multiprocessing import RawArray
from multiprocessing import RawValue
from multiprocessing import RLock
from multiprocessing import Semaphore
from multiprocessing import set_executable
from multiprocessing import set_forkserver_preload
from multiprocessing import set_start_method
from multiprocessing import SimpleQueue
from multiprocessing import Value
```

#### **# Sentinels / Constants / Objects**

(none)

# netrc

## Classes

```
[
    netrc,
    NetrcParseError
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from netrc import netrc
from netrc import NetrcParseError
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# nis

## Classes

```
[  
    error  
]
```

## Functions

```
[  
    cat,  
    get_default_domain,  
    maps,  
    match  
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from nis import error
```

### # Functions

```
from nis import cat
```

```
from nis import get_default_domain
```

```
from nis import maps
```

```
from nis import match
```

### # Sentinels / Constants / Objects

```
(none)
```

# nntplib

## Classes

```
[
    NNTP,
    NNTP_SSL,
    NNTPDataError,
    NNTPError,
    NNTPPermanentError,
    NNTPProtocolError,
    NNTPReplyError,
    NNTPTemporaryError
]
```

## Functions

```
[
    decode_header
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from nntplib import NNTP
from nntplib import NNTP_SSL
from nntplib import NNTPDataError
from nntplib import NNTPError
from nntplib import NNTPPermanentError
from nntplib import NNTPProtocolError
from nntplib import NNTPReplyError
from nntplib import NNTPTemporaryError
```

### # Functions

```
from nntplib import decode_header
```

### # Sentinels / Constants / Objects

```
(none)
```

# ntpath

## Classes

[ ]

## Functions

```
[
    abspath,
    basename,
    commonpath,
    commonprefix,
    dirname,
    exists,
    expanduser,
    expandvars,
    getatime,
    getctime,
    getmtime,
    getsize,
    isabs,
    isdir,
    isfile,
    isjunction,
    islink,
    ismount,
    join,
    lexists,
    normcase,
    normpath,
    realpath,
    relpath,
    samefile,
    sameopenfile,
    samestat,
    split,
    splitdrive,
    splitext,
    splitroot
]
```

## Sentinels / Constants / Objects

```
[
    ALLOW_MISSING,
    altsep,
    curdir,
    defpath,
    devnull,
    extsep,
    pardir,
    pathsep,
    sep,
    supports_unicode_filenames
]
```

## Import statements

### # Classes

(none)

### # Functions

```
from ntpath import abspath
from ntpath import basename
```

```
from ntpath import commonpath
from ntpath import commonprefix
from ntpath import dirname
from ntpath import exists
from ntpath import expanduser
from ntpath import expandvars
from ntpath import getatime
from ntpath import getctime
from ntpath import getmtime
from ntpath import getsize
from ntpath import isabs
from ntpath import isdir
from ntpath import isfile
from ntpath import isjunction
from ntpath import islink
from ntpath import ismount
from ntpath import join
from ntpath import lexists
from ntpath import normcase
from ntpath import normpath
from ntpath import realpath
from ntpath import relpath
from ntpath import samefile
from ntpath import sameopenfile
from ntpath import samestat
from ntpath import split
from ntpath import splitdrive
from ntpath import splitext
from ntpath import splitroot
```

#### **# Sentinels / Constants / Objects**

```
from ntpath import ALLOW_MISSING
from ntpath import altsep
from ntpath import curdir
from ntpath import defpath
from ntpath import devnull
from ntpath import extsep
from ntpath import pardir
from ntpath import pathsep
from ntpath import sep
from ntpath import supports_unicode_filenames
```

# nturl2path

## Classes

[ ]

## Functions

```
[
    pathname2url,
    url2pathname
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from nturl2path import pathname2url
from nturl2path import url2pathname
```

### # Sentinels / Constants / Objects

(none)

# numbers

## Classes

```
[  
    Complex,  
    Integral,  
    Number,  
    Rational,  
    Real  
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from numbers import Complex  
from numbers import Integral  
from numbers import Number  
from numbers import Rational  
from numbers import Real
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```



# opcode

## Classes

```
[ ]
```

## Functions

```
[
    stack_effect
]
```

## Sentinels / Constants / Objects

```
[
    cmp_op,
    EXTENDED_ARG,
    hasarg,
    hascompare,
    hasconst,
    hasexc,
    hasfree,
    hasjabs,
    hasjrel,
    haslocal,
    hasname,
    HAVE_ARGUMENT,
    opmap,
    opname
]
```

## Import statements

### # Classes

```
(none)
```

### # Functions

```
from opcode import stack_effect
```

### # Sentinels / Constants / Objects

```
from opcode import cmp_op
from opcode import EXTENDED_ARG
from opcode import hasarg
from opcode import hascompare
from opcode import hasconst
from opcode import hasexc
from opcode import hasfree
from opcode import hasjabs
from opcode import hasjrel
from opcode import haslocal
from opcode import hasname
from opcode import HAVE_ARGUMENT
from opcode import opmap
from opcode import opname
```

# operator

## Classes

```
[
    attrgetter,
    itemgetter,
    methodcaller
]
```

## Functions

```
[
    abs,
    add,
    and_,
    call,
    concat,
    contains,
    countOf,
    delitem,
    eq,
    floordiv,
    ge,
    getitem,
    gt,
    iadd,
    iand,
    iconcat,
    ifloordiv,
    ilshift,
    imatmul,
    imod,
    imul,
    index,
    indexOf,
    inv,
    invert,
    ior,
    ipow,
    irshift,
    is_,
    is_not,
    isub,
    itruediv,
    ixor,
    le,
    length_hint,
    lshift,
    lt,
    matmul,
    mod,
    mul,
    ne,
    neg,
    not_,
    or_,
    pos,
    pow,
    rshift,
    setitem,
    sub,
```

```
    truediv,  
    truth,  
    xor  
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from operator import attrgetter  
from operator import itemgetter  
from operator import methodcaller
```

### # Functions

```
from operator import abs  
from operator import add  
from operator import and_  
from operator import call  
from operator import concat  
from operator import contains  
from operator import countOf  
from operator import delitem  
from operator import eq  
from operator import floordiv  
from operator import ge  
from operator import getitem  
from operator import gt  
from operator import iadd  
from operator import iand  
from operator import iconcat  
from operator import ifloordiv  
from operator import ilshift  
from operator import imatmul  
from operator import imod  
from operator import imul  
from operator import index  
from operator import indexOf  
from operator import inv  
from operator import invert  
from operator import ior  
from operator import ipow  
from operator import irshift  
from operator import is_  
from operator import is_not  
from operator import isub  
from operator import itruediv  
from operator import ixor  
from operator import le  
from operator import length_hint  
from operator import lshift  
from operator import lt  
from operator import matmul  
from operator import mod  
from operator import mul  
from operator import ne  
from operator import neg  
from operator import not_  
from operator import or_  
from operator import pos  
from operator import pow  
from operator import rshift
```

```
from operator import setitem
from operator import sub
from operator import truediv
from operator import truth
from operator import xor
# Sentinels / Constants / Objects
(none)
```

# optparse

## Classes

```
[
    BadOptionError,
    HelpFormatter,
    IndentedHelpFormatter,
    make_option,
    Option,
    OptionConflictError,
    OptionContainer,
    OptionError,
    OptionGroup,
    OptionParser,
    OptionValueError,
    OptParseError,
    TitledHelpFormatter,
    Values
]
```

## Functions

```
[
    check_choice
]
```

## Sentinels / Constants / Objects

```
[
    SUPPRESS_HELP,
    SUPPRESS_USAGE
]
```

## Import statements

### # Classes

```
from optparse import BadOptionError
from optparse import HelpFormatter
from optparse import IndentedHelpFormatter
from optparse import make_option
from optparse import Option
from optparse import OptionConflictError
from optparse import OptionContainer
from optparse import OptionError
from optparse import OptionGroup
from optparse import OptionParser
from optparse import OptionValueError
from optparse import OptParseError
from optparse import TitledHelpFormatter
from optparse import Values
```

### # Functions

```
from optparse import check_choice
```

### # Sentinels / Constants / Objects

```
from optparse import SUPPRESS_HELP
from optparse import SUPPRESS_USAGE
```

# OS

## Classes

```
[
    DirEntry,
    error,
    sched_param,
    stat_result,
    statvfs_result,
    terminal_size,
    times_result,
    uname_result,
    waitid_result
]
```

## Functions

```
[
    abort,
    access,
    chdir,
    chmod,
    chown,
    chroot,
    close,
    closerange,
    confstr,
    copy_file_range,
    cpu_count,
    ctermid,
    device_encoding,
    dup,
    dup2,
    eventfd,
    eventfd_read,
    eventfd_write,
    execl,
    execlp,
    execlpe,
    execv,
    execve,
    execvp,
    execvpe,
    fchdir,
    fchmod,
    fchown,
    fdatsync,
    fdopen,
    fork,
    forkpty,
    fpathconf,
    fsdecode,
    fsencode,
    fspath,
    fstat,
    fstatvfs,
    fsync,
    ftruncate,
    fwalk,
    get_blocking,
```

get\_exec\_path,  
get\_inheritable,  
get\_terminal\_size,  
getcwd,  
getcwdb,  
getegid,  
getenv,  
getenvb,  
geteuid,  
getgid,  
getgrouplist,  
getgroups,  
getloadavg,  
getlogin,  
getpgid,  
getpgrp,  
getpid,  
getppid,  
getpriority,  
getrandom,  
getresgid,  
getresuid,  
getsid,  
getuid,  
getxattr,  
initgroups,  
isatty,  
kill,  
killpg,  
lchown,  
link,  
listdir,  
listxattr,  
lockf,  
login\_tty,  
lseek,  
lstat,  
major,  
makedev,  
makedirs,  
memfd\_create,  
minor,  
mkdir,  
mkfifo,  
mknod,  
nice,  
open,  
openpty,  
pathconf,  
pidfd\_open,  
pipe,  
pipe2,  
popen,  
posix\_fadvise,  
posix\_fallocate,  
posix\_spawn,  
posix\_spawnnp,  
pread,  
preadv,  
putenv,  
pwrite,  
pwritev,

read,  
readlink,  
readv,  
register\_at\_fork,  
remove,  
removedirs,  
removexattr,  
rename,  
renames,  
replace,  
rmdir,  
scandir,  
sched\_get\_priority\_max,  
sched\_get\_priority\_min,  
sched\_getaffinity,  
sched\_getparam,  
sched\_getscheduler,  
sched\_rr\_get\_interval,  
sched\_setaffinity,  
sched\_setparam,  
sched\_setscheduler,  
sched\_yield,  
sendfile,  
set\_blocking,  
set\_inheritable,  
setegid,  
seteuid,  
setgid,  
setgroups,  
setns,  
setpgid,  
setpgrp,  
setpriority,  
setregid,  
setresgid,  
setresuid,  
setreuid,  
setsid,  
setuid,  
setxattr,  
spawnl,  
spawnle,  
spawnlp,  
spawnlpe,  
spawnv,  
spawnve,  
spawnvp,  
spawnvpe,  
splice,  
stat,  
statvfs,  
strerror,  
symlink,  
sync,  
sysconf,  
system,  
tcgetpgrp,  
tcsetpgrp,  
times,  
truncate,  
ttyname,  
umask,



```
uname,  
unlink,  
unsetenv,  
unshare,  
urandom,  
utime,  
wait,  
wait3,  
wait4,  
waitid,  
waitpid,  
waitstatus_to_exitcode,  
walk,  
WCOREDUMP,  
WEXITSTATUS,  
WIFCONTINUED,  
WIFEXITED,  
WIFSIGNALED,  
WIFSTOPPED,  
write,  
writev,  
WSTOPSIG,  
WTERMSIG  
]
```

## Sentinels / Constants / Objects

```
[  
    altsep,  
    CLD_CONTINUED,  
    CLD_DUMPED,  
    CLD_EXITED,  
    CLD_KILLED,  
    CLD_STOPPED,  
    CLD_TRAPPED,  
    CLONE_FILES,  
    CLONE_FS,  
    CLONE_NEWCGROUP,  
    CLONE_NEWIPC,  
    CLONE_NEWNET,  
    CLONE_NEWNS,  
    CLONE_NEWPID,  
    CLONE_NEWUSER,  
    CLONE_NEWUTS,  
    CLONE_SIGHAND,  
    CLONE_SYSVSEM,  
    CLONE_THREAD,  
    CLONE_VM,  
    confstr_names,  
    curdir,  
    defpath,  
    devnull,  
    EFD_CLOEXEC,  
    EFD_NONBLOCK,  
    EFD_SEMAPHORE,  
    environ,  
    environb,  
    EX_CANTCREAT,  
    EX_CONFIG,  
    EX_DATAERR,  
    EX_IOERR,  
    EX_NOHOST,  
]
```

EX\_NOINPUT,  
EX\_NOPERM,  
EX\_NOUSER,  
EX\_OK,  
EX\_OSERR,  
EX\_OSFILE,  
EX\_PROTOCOL,  
EX\_SOFTWARE,  
EX\_TEMPFAIL,  
EX\_UNAVAILABLE,  
EX\_USAGE,  
extsep,  
F\_LOCK,  
F\_OK,  
F\_TEST,  
F\_TLOCK,  
F\_ULOCK,  
GRND\_NONBLOCK,  
GRND\_RANDOM,  
linesep,  
MFD\_ALLOW\_SEALING,  
MFD\_CLOEXEC,  
MFD\_HUGE\_16GB,  
MFD\_HUGE\_16MB,  
MFD\_HUGE\_1GB,  
MFD\_HUGE\_1MB,  
MFD\_HUGE\_256MB,  
MFD\_HUGE\_2GB,  
MFD\_HUGE\_2MB,  
MFD\_HUGE\_32MB,  
MFD\_HUGE\_512KB,  
MFD\_HUGE\_512MB,  
MFD\_HUGE\_64KB,  
MFD\_HUGE\_8MB,  
MFD\_HUGE\_MASK,  
MFD\_HUGE\_SHIFT,  
MFD\_HUGETLB,  
name,  
NGROUPS\_MAX,  
O\_ACCMODE,  
O\_APPEND,  
O\_ASYNC,  
O\_CLOEXEC,  
O\_CREAT,  
O\_DIRECT,  
O\_DIRECTORY,  
O\_DSYNC,  
O\_EXCL,  
O\_FSYNC,  
O\_LARGEFILE,  
O\_NDELAY,  
O\_NOATIME,  
O\_NOCTTY,  
O\_NOFOLLOW,  
O\_NONBLOCK,  
O\_PATH,  
O\_RDONLY,  
O\_RDWR,  
O\_RSYNC,  
O\_SYNC,  
O\_TMPFILE,  
O\_TRUNC,

O\_WRONLY,  
P\_ALL,  
P\_NOWAIT,  
P\_NOWAITO,  
P\_PGID,  
P\_PID,  
P\_PIDFD,  
P\_WAIT,  
pardir,  
pathconf\_names,  
pathsep,  
POSIX\_FADV\_DONTNEED,  
POSIX\_FADV\_NOREUSE,  
POSIX\_FADV\_NORMAL,  
POSIX\_FADV\_RANDOM,  
POSIX\_FADV\_SEQUENTIAL,  
POSIX\_FADV\_WILLNEED,  
POSIX\_SPAWN\_CLOSE,  
POSIX\_SPAWN\_DUP2,  
POSIX\_SPAWN\_OPEN,  
PRIO\_PGRP,  
PRIO\_PROCESS,  
PRIO\_USER,  
R\_OK,  
RTLD\_DEEPBIND,  
RTLD\_GLOBAL,  
RTLD\_LAZY,  
RTLD\_LOCAL,  
RTLD\_NODELETE,  
RTLD\_NOLOAD,  
RTLD\_NOW,  
RWF\_APPEND,  
RWF\_DSYNC,  
RWF\_HIPRI,  
RWF\_NOWAIT,  
RWF\_SYNC,  
SCHED\_BATCH,  
SCHED\_FIFO,  
SCHED\_IDLE,  
SCHED\_OTHER,  
SCHED\_RESET\_ON\_FORK,  
SCHED\_RR,  
SEEK\_CUR,  
SEEK\_DATA,  
SEEK\_END,  
SEEK\_HOLE,  
SEEK\_SET,  
sep,  
SPLICE\_F\_MORE,  
SPLICE\_F\_MOVE,  
SPLICE\_F\_NONBLOCK,  
ST\_APPEND,  
ST\_MANDLOCK,  
ST\_NOATIME,  
ST\_NODEV,  
ST\_NODIRATIME,  
ST\_NOEXEC,  
ST\_NOSUID,  
ST\_RDONLY,  
ST\_RELATIME,  
ST\_SYNCHRONOUS,  
ST\_WRITE,

```
supports_bytes_environ,  
sysconf_names,  
TMP_MAX,  
W_OK,  
WCONTINUED,  
WEXITED,  
WNOHANG,  
WNOWAIT,  
WSTOPPED,  
WUNTRACED,  
X_OK,  
XATTR_CREATE,  
XATTR_REPLACE,  
XATTR_SIZE_MAX  
]
```

## Import statements

### # Classes

```
from os import DirEntry  
from os import error  
from os import sched_param  
from os import stat_result  
from os import statvfs_result  
from os import terminal_size  
from os import times_result  
from os import uname_result  
from os import waitid_result
```

### # Functions

```
from os import abort  
from os import access  
from os import chdir  
from os import chmod  
from os import chown  
from os import chroot  
from os import close  
from os import closerange  
from os import confstr  
from os import copy_file_range  
from os import cpu_count  
from os import ctermid  
from os import device_encoding  
from os import dup  
from os import dup2  
from os import eventfd  
from os import eventfd_read  
from os import eventfd_write  
from os import execl  
from os import execlle  
from os import execlp  
from os import execlpe  
from os import execv  
from os import execve  
from os import execvp  
from os import execvpe  
from os import fchdir  
from os import fchmod  
from os import fchown  
from os import fdatasync  
from os import fdopen  
from os import fork  
from os import forkpty
```

```
from os import fpathconf
from os import fsdecode
from os import fsencode
from os import fspath
from os import fstat
from os import fstatvfs
from os import fsync
from os import ftruncate
from os import fwalk
from os import get_blocking
from os import get_exec_path
from os import get_inheritable
from os import get_terminal_size
from os import getcwd
from os import getcwdb
from os import getegid
from os import getenv
from os import getenvb
from os import geteuid
from os import getgid
from os import getgrouplist
from os import getgroups
from os import getloadavg
from os import getlogin
from os import getpgid
from os import getpgrp
from os import getpid
from os import getppid
from os import getpriority
from os import getrandom
from os import getresgid
from os import getresuid
from os import getsid
from os import getuid
from os import getxattr
from os import initgroups
from os import isatty
from os import kill
from os import killpg
from os import lchown
from os import link
from os import listdir
from os import listxattr
from os import lockf
from os import login_tty
from os import lseek
from os import lstat
from os import major
from os import makedev
from os import makedirs
from os import memfd_create
from os import minor
from os import mkdir
from os import mkfifo
from os import mknod
from os import nice
from os import open
from os import openpty
from os import pathconf
from os import pidfd_open
from os import pipe
from os import pipe2
```

```
from os import popen
from os import posix_fadvise
from os import posix_fallocate
from os import posix_spawn
from os import posix_spawnnp
from os import pread
from os import preadv
from os import putenv
from os import pwrite
from os import pwritev
from os import read
from os import readlink
from os import readv
from os import register_at_fork
from os import remove
from os import removedirs
from os import removexattr
from os import rename
from os import renames
from os import replace
from os import rmdir
from os import scandir
from os import sched_get_priority_max
from os import sched_get_priority_min
from os import sched_getaffinity
from os import sched_getparam
from os import sched_getscheduler
from os import sched_rr_get_interval
from os import sched_setaffinity
from os import sched_setparam
from os import sched_setscheduler
from os import sched_yield
from os import sendfile
from os import set_blocking
from os import set_inheritable
from os import setegid
from os import seteuid
from os import setgid
from os import setgroups
from os import setns
from os import setpgid
from os import setpgrp
from os import setpriority
from os import setregid
from os import setresgid
from os import setresuid
from os import setreuid
from os import setsid
from os import setuid
from os import setxattr
from os import spawnl
from os import spawnle
from os import spawnlp
from os import spawnlpe
from os import spawnv
from os import spawnve
from os import spawnvp
from os import spawnvpe
from os import splice
from os import stat
from os import statvfs
from os import strerror
```

```
from os import symlink
from os import sync
from os import sysconf
from os import system
from os import tcgetpgrp
from os import tcsetpgrp
from os import times
from os import truncate
from os import ttyname
from os import umask
from os import uname
from os import unlink
from os import unsetenv
from os import unshare
from os import urandom
from os import utime
from os import wait
from os import wait3
from os import wait4
from os import waitid
from os import waitpid
from os import waitstatus_to_exitcode
from os import walk
from os import WCOREDUMP
from os import WEXITSTATUS
from os import WIFCONTINUED
from os import WIFEXITED
from os import WIFSIGNALED
from os import WIFSTOPPED
from os import write
from os import writev
from os import WSTOPSIG
from os import WTERMSIG
```

#### **# Sentinels / Constants / Objects**

```
from os import altsep
from os import CLD_CONTINUED
from os import CLD_DUMPED
from os import CLD_EXITED
from os import CLD_KILLED
from os import CLD_STOPPED
from os import CLD_TRAPPED
from os import CLONE_FILES
from os import CLONE_FS
from os import CLONE_NEWCGROUP
from os import CLONE_NEWIPC
from os import CLONE_NEWNET
from os import CLONE_NEWNS
from os import CLONE_NEWPID
from os import CLONE_NEWUSER
from os import CLONE_NEWUTS
from os import CLONE_SIGHAND
from os import CLONE_SYSVSEM
from os import CLONE_THREAD
from os import CLONE_VM
from os import confstr_names
from os import curdir
from os import defpath
from os import devnull
from os import EFD_CLOEXEC
from os import EFD_NONBLOCK
from os import EFD_SEMAPHORE
from os import environ
```

```
from os import environb
from os import EX_CANTCREAT
from os import EX_CONFIG
from os import EX_DATAERR
from os import EX_IOERR
from os import EX_NOHOST
from os import EX_NOINPUT
from os import EX_NOPERM
from os import EX_NOUSER
from os import EX_OK
from os import EX_OSERR
from os import EX_OSFILE
from os import EX_PROTOCOL
from os import EX_SOFTWARE
from os import EX_TEMPFAIL
from os import EX_UNAVAILABLE
from os import EX_USAGE
from os import extsep
from os import F_LOCK
from os import F_OK
from os import F_TEST
from os import F_TLOCK
from os import F_ULOCK
from os import GRND_NONBLOCK
from os import GRND_RANDOM
from os import linesep
from os import MFD_ALLOW_SEALING
from os import MFD_CLOEXEC
from os import MFD_HUGE_16GB
from os import MFD_HUGE_16MB
from os import MFD_HUGE_1GB
from os import MFD_HUGE_1MB
from os import MFD_HUGE_256MB
from os import MFD_HUGE_2GB
from os import MFD_HUGE_2MB
from os import MFD_HUGE_32MB
from os import MFD_HUGE_512KB
from os import MFD_HUGE_512MB
from os import MFD_HUGE_64KB
from os import MFD_HUGE_8MB
from os import MFD_HUGE_MASK
from os import MFD_HUGE_SHIFT
from os import MFD_HUGETLB
from os import name
from os import NGROUPS_MAX
from os import O_ACCMODE
from os import O_APPEND
from os import O_ASYNC
from os import O_CLOEXEC
from os import O_CREAT
from os import O_DIRECT
from os import O_DIRECTORY
from os import O_DSYNC
from os import O_EXCL
from os import O_FSYNC
from os import O_LARGEFILE
from os import O_NDELAY
from os import O_NOATIME
from os import O_NOCTTY
from os import O_NOFOLLOW
from os import O_NONBLOCK
from os import O_PATH
```



```
from os import O_RDONLY
from os import O_RDWR
from os import O_RSYNC
from os import O_SYNC
from os import O_TMPFILE
from os import O_TRUNC
from os import O_WRONLY
from os import P_ALL
from os import P_NOWAIT
from os import P_NOWAITO
from os import P_PGID
from os import P_PID
from os import P_PIDFD
from os import P_WAIT
from os import pardir
from os import pathconf_names
from os import pathsep
from os import POSIX_FADV_DONTNEED
from os import POSIX_FADV_NOREUSE
from os import POSIX_FADV_NORMAL
from os import POSIX_FADV_RANDOM
from os import POSIX_FADV_SEQUENTIAL
from os import POSIX_FADV_WILLNEED
from os import POSIX_SPAWN_CLOSE
from os import POSIX_SPAWN_DUP2
from os import POSIX_SPAWN_OPEN
from os import PRIO_PGRP
from os import PRIO_PROCESS
from os import PRIO_USER
from os import R_OK
from os import RTLD_DEEPBIND
from os import RTLD_GLOBAL
from os import RTLD_LAZY
from os import RTLD_LOCAL
from os import RTLD_NODELETE
from os import RTLD_NOLOAD
from os import RTLD_NOW
from os import RWF_APPEND
from os import RWF_DSYNC
from os import RWF_HIPRI
from os import RWF_NOWAIT
from os import RWF_SYNC
from os import SCHED_BATCH
from os import SCHED_FIFO
from os import SCHED_IDLE
from os import SCHED_OTHER
from os import SCHED_RESET_ON_FORK
from os import SCHED_RR
from os import SEEK_CUR
from os import SEEK_DATA
from os import SEEK_END
from os import SEEK_HOLE
from os import SEEK_SET
from os import sep
from os import SPLICE_F_MORE
from os import SPLICE_F_MOVE
from os import SPLICE_F_NONBLOCK
from os import ST_APPEND
from os import ST_MANDLOCK
from os import ST_NOATIME
from os import ST_NODEV
from os import ST_NODIRATIME
```

```
from os import ST_NOEXEC
from os import ST_NOSUID
from os import ST_RDONLY
from os import ST_RELATIME
from os import ST_SYNCHRONOUS
from os import ST_WRITE
from os import supports_bytes_environ
from os import sysconf_names
from os import TMP_MAX
from os import W_OK
from os import WCONTINUED
from os import WEXITED
from os import WNOHANG
from os import WNOWAIT
from os import WSTOPPED
from os import WUNTRACED
from os import X_OK
from os import XATTR_CREATE
from os import XATTR_REPLACE
from os import XATTR_SIZE_MAX
```

# ossaudiodev

## Classes

```
[
    error,
    OSSAudioError
]
```

## Functions

```
[
    open,
    openmixer
]
```

## Sentinels / Constants / Objects

```
[
    AFMT_A_LAW,
    AFMT_AC3,
    AFMT_IMA_ADPCM,
    AFMT_MPEG,
    AFMT_MU_LAW,
    AFMT_QUERY,
    AFMT_S16_BE,
    AFMT_S16_LE,
    AFMT_S16_NE,
    AFMT_S8,
    AFMT_U16_BE,
    AFMT_U16_LE,
    AFMT_U8,
    control_labels,
    control_names,
    SNDCTL_COPR_HALT,
    SNDCTL_COPR_LOAD,
    SNDCTL_COPR_RCODE,
    SNDCTL_COPR_RCVMSG,
    SNDCTL_COPR_RDATA,
    SNDCTL_COPR_RESET,
    SNDCTL_COPR_RUN,
    SNDCTL_COPR_SENDMSG,
    SNDCTL_COPR_WCODE,
    SNDCTL_COPR_WDATA,
    SNDCTL_DSP_BIND_CHANNEL,
    SNDCTL_DSP_CHANNELS,
    SNDCTL_DSP_GETBLKSIZE,
    SNDCTL_DSP_GETCAPS,
    SNDCTL_DSP_GETCHANNELMASK,
    SNDCTL_DSP_GETFMTS,
    SNDCTL_DSP_GETIPTR,
    SNDCTL_DSP_GETISPACE,
    SNDCTL_DSP_GETODELAY,
    SNDCTL_DSP_GETOPTR,
    SNDCTL_DSP_GETOSPACE,
    SNDCTL_DSP_GETSPDIF,
    SNDCTL_DSP_GETTRIGGER,
    SNDCTL_DSP_MAPINBUF,
    SNDCTL_DSP_MAPOUTBUF,
    SNDCTL_DSP_NONBLOCK,
    SNDCTL_DSP_POST,
    SNDCTL_DSP_PROFILE,
    SNDCTL_DSP_RESET,
```

SNDCTL\_DSP\_SAMPLESIZE,  
SNDCTL\_DSP\_SETDUPLEX,  
SNDCTL\_DSP\_SETFMT,  
SNDCTL\_DSP\_SETFRAGMENT,  
SNDCTL\_DSP\_SETSPDIF,  
SNDCTL\_DSP\_SETSYNCRO,  
SNDCTL\_DSP\_SETTRIGGER,  
SNDCTL\_DSP\_SPEED,  
SNDCTL\_DSP\_STEREO,  
SNDCTL\_DSP\_SUBDIVIDE,  
SNDCTL\_DSP\_SYNC,  
SNDCTL\_FM\_4OP\_ENABLE,  
SNDCTL\_FM\_LOAD\_INSTR,  
SNDCTL\_MIDI\_INFO,  
SNDCTL\_MIDI\_MPUCMD,  
SNDCTL\_MIDI\_MPUMODE,  
SNDCTL\_MIDI\_PRETIME,  
SNDCTL\_SEQ\_CTRLRATE,  
SNDCTL\_SEQ\_GETINCOUNT,  
SNDCTL\_SEQ\_GETOUTCOUNT,  
SNDCTL\_SEQ\_GETTIME,  
SNDCTL\_SEQ\_NRMIDIS,  
SNDCTL\_SEQ\_NRSYNTHS,  
SNDCTL\_SEQ\_OUTOFBAND,  
SNDCTL\_SEQ\_PANIC,  
SNDCTL\_SEQ\_PERCMODE,  
SNDCTL\_SEQ\_RESET,  
SNDCTL\_SEQ\_RESETSAMPLES,  
SNDCTL\_SEQ\_SYNC,  
SNDCTL\_SEQ\_TESTMIDI,  
SNDCTL\_SEQ\_THRESHOLD,  
SNDCTL\_SYNTH\_CONTROL,  
SNDCTL\_SYNTH\_ID,  
SNDCTL\_SYNTH\_INFO,  
SNDCTL\_SYNTH\_MEMAVL,  
SNDCTL\_SYNTH\_REMOVESAMPLE,  
SNDCTL\_TMR\_CONTINUE,  
SNDCTL\_TMR\_METRONOME,  
SNDCTL\_TMR\_SELECT,  
SNDCTL\_TMR\_SOURCE,  
SNDCTL\_TMR\_START,  
SNDCTL\_TMR\_STOP,  
SNDCTL\_TMR\_TEMPO,  
SNDCTL\_TMR\_TIMEBASE,  
SOUND\_MIXER\_ALTPCM,  
SOUND\_MIXER\_BASS,  
SOUND\_MIXER\_CD,  
SOUND\_MIXER\_DIGITAL1,  
SOUND\_MIXER\_DIGITAL2,  
SOUND\_MIXER\_DIGITAL3,  
SOUND\_MIXER\_IGAIN,  
SOUND\_MIXER\_IMIX,  
SOUND\_MIXER\_LINE,  
SOUND\_MIXER\_LINE1,  
SOUND\_MIXER\_LINE2,  
SOUND\_MIXER\_LINE3,  
SOUND\_MIXER\_MIC,  
SOUND\_MIXER\_MONITOR,  
SOUND\_MIXER\_NRDEVICES,  
SOUND\_MIXER\_OGAIN,  
SOUND\_MIXER\_PCM,  
SOUND\_MIXER\_PHONEIN,

```
SOUND_MIXER_PHONEOUT,  
SOUND_MIXER_RADIO,  
SOUND_MIXER_RECLEV,  
SOUND_MIXER_SPEAKER,  
SOUND_MIXER_SYNTH,  
SOUND_MIXER_TREBLE,  
SOUND_MIXER_VIDEO,  
SOUND_MIXER_VOLUME  
]
```

## Import statements

### # Classes

```
from ossaudiodev import error  
from ossaudiodev import OSSAudioError
```

### # Functions

```
from ossaudiodev import open  
from ossaudiodev import openmixer
```

### # Sentinels / Constants / Objects

```
from ossaudiodev import AFMT_A_LAW  
from ossaudiodev import AFMT_AC3  
from ossaudiodev import AFMT_IMA_ADPCM  
from ossaudiodev import AFMT_MPEG  
from ossaudiodev import AFMT_MU_LAW  
from ossaudiodev import AFMT_QUERY  
from ossaudiodev import AFMT_S16_BE  
from ossaudiodev import AFMT_S16_LE  
from ossaudiodev import AFMT_S16_NE  
from ossaudiodev import AFMT_S8  
from ossaudiodev import AFMT_U16_BE  
from ossaudiodev import AFMT_U16_LE  
from ossaudiodev import AFMT_U8  
from ossaudiodev import control_labels  
from ossaudiodev import control_names  
from ossaudiodev import SNDCTL_COPR_HALT  
from ossaudiodev import SNDCTL_COPR_LOAD  
from ossaudiodev import SNDCTL_COPR_RCODE  
from ossaudiodev import SNDCTL_COPR_RCVMSG  
from ossaudiodev import SNDCTL_COPR_RDATA  
from ossaudiodev import SNDCTL_COPR_RESET  
from ossaudiodev import SNDCTL_COPR_RUN  
from ossaudiodev import SNDCTL_COPR_SENDMSG  
from ossaudiodev import SNDCTL_COPR_WCODE  
from ossaudiodev import SNDCTL_COPR_WDATA  
from ossaudiodev import SNDCTL_DSP_BIND_CHANNEL  
from ossaudiodev import SNDCTL_DSP_CHANNELS  
from ossaudiodev import SNDCTL_DSP_GETBLKSIZE  
from ossaudiodev import SNDCTL_DSP_GETCAPS  
from ossaudiodev import SNDCTL_DSP_GETCHANNELMASK  
from ossaudiodev import SNDCTL_DSP_GETFMTS  
from ossaudiodev import SNDCTL_DSP_GETIPTR  
from ossaudiodev import SNDCTL_DSP_GETISPACE  
from ossaudiodev import SNDCTL_DSP_GETODELAY  
from ossaudiodev import SNDCTL_DSP_GETOPTR  
from ossaudiodev import SNDCTL_DSP_GETOSPACE  
from ossaudiodev import SNDCTL_DSP_GETSPDIF  
from ossaudiodev import SNDCTL_DSP_GETTRIGGER  
from ossaudiodev import SNDCTL_DSP_MAPINBUF  
from ossaudiodev import SNDCTL_DSP_MAPOUTBUF  
from ossaudiodev import SNDCTL_DSP_NONBLOCK  
from ossaudiodev import SNDCTL_DSP_POST  
from ossaudiodev import SNDCTL_DSP_PROFILE
```

```
from ossaudiodev import SNDCTL_DSP_RESET
from ossaudiodev import SNDCTL_DSP_SAMPLESIZE
from ossaudiodev import SNDCTL_DSP_SETDUPLEX
from ossaudiodev import SNDCTL_DSP_SETFMT
from ossaudiodev import SNDCTL_DSP_SETFRAGMENT
from ossaudiodev import SNDCTL_DSP_SETSPDIF
from ossaudiodev import SNDCTL_DSP_SETSYNCRO
from ossaudiodev import SNDCTL_DSP_SETTRIGGER
from ossaudiodev import SNDCTL_DSP_SPEED
from ossaudiodev import SNDCTL_DSP_STEREO
from ossaudiodev import SNDCTL_DSP_SUBDIVIDE
from ossaudiodev import SNDCTL_DSP_SYNC
from ossaudiodev import SNDCTL_FM_4OP_ENABLE
from ossaudiodev import SNDCTL_FM_LOAD_INSTR
from ossaudiodev import SNDCTL_MIDI_INFO
from ossaudiodev import SNDCTL_MIDI_MPUCMD
from ossaudiodev import SNDCTL_MIDI_MPUMODE
from ossaudiodev import SNDCTL_MIDI_PRETIME
from ossaudiodev import SNDCTL_SEQ_CTRLRATE
from ossaudiodev import SNDCTL_SEQ_GETINCOUNT
from ossaudiodev import SNDCTL_SEQ_GETOUTCOUNT
from ossaudiodev import SNDCTL_SEQ_GETTIME
from ossaudiodev import SNDCTL_SEQ_NRMIDIS
from ossaudiodev import SNDCTL_SEQ_NRSYNTHS
from ossaudiodev import SNDCTL_SEQ_OUTOFBAND
from ossaudiodev import SNDCTL_SEQ_PANIC
from ossaudiodev import SNDCTL_SEQ_PERCMODE
from ossaudiodev import SNDCTL_SEQ_RESET
from ossaudiodev import SNDCTL_SEQ_RESETSAMPLES
from ossaudiodev import SNDCTL_SEQ_SYNC
from ossaudiodev import SNDCTL_SEQ_TESTMIDI
from ossaudiodev import SNDCTL_SEQ_THRESHOLD
from ossaudiodev import SNDCTL_SYNTH_CONTROL
from ossaudiodev import SNDCTL_SYNTH_ID
from ossaudiodev import SNDCTL_SYNTH_INFO
from ossaudiodev import SNDCTL_SYNTH_MEMAVL
from ossaudiodev import SNDCTL_SYNTH_REMOVESAMPLE
from ossaudiodev import SNDCTL_TMR_CONTINUE
from ossaudiodev import SNDCTL_TMR_METRONOME
from ossaudiodev import SNDCTL_TMR_SELECT
from ossaudiodev import SNDCTL_TMR_SOURCE
from ossaudiodev import SNDCTL_TMR_START
from ossaudiodev import SNDCTL_TMR_STOP
from ossaudiodev import SNDCTL_TMR_TEMPO
from ossaudiodev import SNDCTL_TMR_TIMEBASE
from ossaudiodev import SOUND_MIXER_ALTPCM
from ossaudiodev import SOUND_MIXER_BASS
from ossaudiodev import SOUND_MIXER_CD
from ossaudiodev import SOUND_MIXER_DIGITAL1
from ossaudiodev import SOUND_MIXER_DIGITAL2
from ossaudiodev import SOUND_MIXER_DIGITAL3
from ossaudiodev import SOUND_MIXER_IGAIN
from ossaudiodev import SOUND_MIXER_IMIX
from ossaudiodev import SOUND_MIXER_LINE
from ossaudiodev import SOUND_MIXER_LINE1
from ossaudiodev import SOUND_MIXER_LINE2
from ossaudiodev import SOUND_MIXER_LINE3
from ossaudiodev import SOUND_MIXER_MIC
from ossaudiodev import SOUND_MIXER_MONITOR
from ossaudiodev import SOUND_MIXER_NRDEVICES
from ossaudiodev import SOUND_MIXER_OGAIN
from ossaudiodev import SOUND_MIXER_PCM
```

```
from ossaudiodev import SOUND_MIXER_PHONEIN
from ossaudiodev import SOUND_MIXER_PHONEOUT
from ossaudiodev import SOUND_MIXER_RADIO
from ossaudiodev import SOUND_MIXER_RECLEV
from ossaudiodev import SOUND_MIXER_SPEAKER
from ossaudiodev import SOUND_MIXER_SYNTH
from ossaudiodev import SOUND_MIXER_TREBLE
from ossaudiodev import SOUND_MIXER_VIDEO
from ossaudiodev import SOUND_MIXER_VOLUME
```

# pathlib

## Classes

```
[
    Path,
    PosixPath,
    PurePath,
    PurePosixPath,
    PureWindowsPath,
    WindowsPath
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from pathlib import Path
from pathlib import PosixPath
from pathlib import PurePath
from pathlib import PurePosixPath
from pathlib import PureWindowsPath
from pathlib import WindowsPath
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```



# pdb

## Classes

```
[  
    Pdb  
]
```

## Functions

```
[  
    help,  
    pm,  
    post_mortem,  
    run,  
    runcall,  
    runcctx,  
    runeval,  
    set_trace  
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from pdb import Pdb
```

### # Functions

```
from pdb import help  
from pdb import pm  
from pdb import post_mortem  
from pdb import run  
from pdb import runcall  
from pdb import runcctx  
from pdb import runeval  
from pdb import set_trace
```

### # Sentinels / Constants / Objects

```
(none)
```

# pickle

## Classes

```
[
    PickleBuffer,
    PickleError,
    Pickler,
    PicklingError,
    Unpickler,
    UnpicklingError
]
```

## Functions

```
[
    dump,
    dumps,
    load,
    loads
]
```

## Sentinels / Constants / Objects

```
[
    ADDITEMS,
    APPEND,
    APPENDS,
    BINBYTES,
    BINBYTES8,
    BINFLOAT,
    BINGET,
    BININT,
    BININT1,
    BININT2,
    BINPERSID,
    BINPUT,
    BINSTRING,
    BINUNICODE,
    BINUNICODE8,
    BUILD,
    BYTEARRAY8,
    DEFAULT_PROTOCOL,
    DICT,
    DUP,
    EMPTY_DICT,
    EMPTY_LIST,
    EMPTY_SET,
    EMPTY_TUPLE,
    EXT1,
    EXT2,
    EXT4,
    FALSE,
    FLOAT,
    FRAME,
    FROZENSET,
    GET,
    GLOBAL,
    HIGHEST_PROTOCOL,
    INST,
    INT,
    LIST,
    LONG,
```

```
LONG1,  
LONG4,  
LONG_BINGET,  
LONG_BINPUT,  
MARK,  
MEMOIZE,  
NEWFALSE,  
NEWOBJ,  
NEWOBJ_EX,  
NEWTRUE,  
NEXT_BUFFER,  
NONE,  
OBJ,  
PERSID,  
POP,  
POP_MARK,  
PROTO,  
PUT,  
READONLY_BUFFER,  
REDUCE,  
SETITEM,  
SETITEMS,  
SHORT_BINBYTES,  
SHORT_BINSTRING,  
SHORT_BINUNICODE,  
STACK_GLOBAL,  
STOP,  
STRING,  
TRUE,  
TUPLE,  
TUPLE1,  
TUPLE2,  
TUPLE3,  
UNICODE  
]
```

## Import statements

### # Classes

```
from pickle import PickleBuffer  
from pickle import PickleError  
from pickle import Pickler  
from pickle import PicklingError  
from pickle import Unpickler  
from pickle import UnpicklingError
```

### # Functions

```
from pickle import dump  
from pickle import dumps  
from pickle import load  
from pickle import loads
```

### # Sentinels / Constants / Objects

```
from pickle import ADDITEMS  
from pickle import APPEND  
from pickle import APPENDS  
from pickle import BINBYTES  
from pickle import BINBYTES8  
from pickle import BINFLOAT  
from pickle import BINGET  
from pickle import BININT  
from pickle import BININT1  
from pickle import BININT2  
from pickle import BINPERSID
```

```
from pickle import BINPUT
from pickle import BINSTRING
from pickle import BINUNICODE
from pickle import BINUNICODE8
from pickle import BUILD
from pickle import BYTEARRAY8
from pickle import DEFAULT_PROTOCOL
from pickle import DICT
from pickle import DUP
from pickle import EMPTY_DICT
from pickle import EMPTY_LIST
from pickle import EMPTY_SET
from pickle import EMPTY_TUPLE
from pickle import EXT1
from pickle import EXT2
from pickle import EXT4
from pickle import FALSE
from pickle import FLOAT
from pickle import FRAME
from pickle import FROZENSET
from pickle import GET
from pickle import GLOBAL
from pickle import HIGHEST_PROTOCOL
from pickle import INST
from pickle import INT
from pickle import LIST
from pickle import LONG
from pickle import LONG1
from pickle import LONG4
from pickle import LONG_BINGET
from pickle import LONG_BINPUT
from pickle import MARK
from pickle import MEMOIZE
from pickle import NEWFALSE
from pickle import NEWOBJ
from pickle import NEWOBJ_EX
from pickle import NEWTRUE
from pickle import NEXT_BUFFER
from pickle import NONE
from pickle import OBJ
from pickle import PERSID
from pickle import POP
from pickle import POP_MARK
from pickle import PROTO
from pickle import PUT
from pickle import READONLY_BUFFER
from pickle import REDUCE
from pickle import SETITEM
from pickle import SETITEMS
from pickle import SHORT_BINBYTES
from pickle import SHORT_BINSTRING
from pickle import SHORT_BINUNICODE
from pickle import STACK_GLOBAL
from pickle import STOP
from pickle import STRING
from pickle import TRUE
from pickle import TUPLE
from pickle import TUPLE1
from pickle import TUPLE2
from pickle import TUPLE3
from pickle import UNICODE
```



# pickletools

## Classes

[ ]

## Functions

```
[
    dis,
    genops,
    optimize
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from pickletools import dis
from pickletools import genops
from pickletools import optimize
```

### # Sentinels / Constants / Objects

(none)

# pipes

## Classes

```
[
    Template
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from pipes import Template
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# pkgutil

## Classes

```
[  
    ModuleInfo  
]
```

## Functions

```
[  
    extend_path,  
    find_loader,  
    get_data,  
    get_importer,  
    get_loader,  
    iter_importers,  
    iter_modules,  
    read_code,  
    walk_packages  
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from pkgutil import ModuleInfo
```

### # Functions

```
from pkgutil import extend_path  
from pkgutil import find_loader  
from pkgutil import get_data  
from pkgutil import get_importer  
from pkgutil import get_loader  
from pkgutil import iter_importers  
from pkgutil import iter_modules  
from pkgutil import read_code  
from pkgutil import walk_packages
```

### # Sentinels / Constants / Objects

```
(none)
```



# platform

## Classes

```
[
    uname_result
]
```

## Functions

```
[
    architecture,
    freedesktop_os_release,
    java_ver,
    libc_ver,
    mac_ver,
    machine,
    node,
    platform,
    processor,
    python_branch,
    python_build,
    python_compiler,
    python_implementation,
    python_revision,
    python_version,
    python_version_tuple,
    release,
    system,
    system_alias,
    uname,
    version,
    win32_edition,
    win32_is_iot,
    win32_ver
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from platform import uname_result
```

### # Functions

```
from platform import architecture
from platform import freedesktop_os_release
from platform import java_ver
from platform import libc_ver
from platform import mac_ver
from platform import machine
from platform import node
from platform import platform
from platform import processor
from platform import python_branch
from platform import python_build
from platform import python_compiler
from platform import python_implementation
from platform import python_revision
from platform import python_version
from platform import python_version_tuple
from platform import release
from platform import system
```

```
from platform import system_alias
from platform import uname
from platform import version
from platform import win32_edition
from platform import win32_is_iot
from platform import win32_ver
# Sentinels / Constants / Objects
(none)
```

# plistlib

## Classes

```
[
    InvalidFileException,
    UID
]
```

## Functions

```
[
    dump,
    dumps,
    load,
    loads
]
```

## Sentinels / Constants / Objects

```
[
    FMT_BINARY,
    FMT_XML
]
```

## Import statements

### # Classes

```
from plistlib import InvalidFileException
from plistlib import UID
```

### # Functions

```
from plistlib import dump
from plistlib import dumps
from plistlib import load
from plistlib import loads
```

### # Sentinels / Constants / Objects

```
from plistlib import FMT_BINARY
from plistlib import FMT_XML
```

# poplib

## Classes

```
[
    error_proto,
    POP3,
    POP3_SSL
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from poplib import error_proto
from poplib import POP3
from poplib import POP3_SSL
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# posix

## Classes

```
[
    DirEntry,
    error,
    sched_param,
    stat_result,
    statvfs_result,
    terminal_size,
    times_result,
    uname_result,
    waitid_result
]
```

## Functions

```
[
    abort,
    access,
    chdir,
    chmod,
    chown,
    chroot,
    close,
    closerange,
    confstr,
    copy_file_range,
    cpu_count,
    ctermid,
    device_encoding,
    dup,
    dup2,
    eventfd,
    eventfd_read,
    eventfd_write,
    execv,
    execve,
    fchdir,
    fchmod,
    fchown,
    fdatsync,
    fork,
    forkpty,
    fpathconf,
    fspath,
    fstat,
    fstatvfs,
    fsync,
    ftruncate,
    get_blocking,
    get_inheritable,
    get_terminal_size,
    getcwd,
    getcwdb,
    getegid,
    geteuid,
    getgid,
    getgrouplist,
    getgroups,
    getloadavg,
```

getlogin,  
getpgid,  
getpgrp,  
getpid,  
getppid,  
getpriority,  
getrandom,  
getresgid,  
getresuid,  
getsid,  
getuid,  
getxattr,  
initgroups,  
isatty,  
kill,  
killpg,  
lchown,  
link,  
listdir,  
listxattr,  
lockf,  
login\_tty,  
lseek,  
lstat,  
major,  
makedev,  
memfd\_create,  
minor,  
mkdir,  
mkfifo,  
mknod,  
nice,  
open,  
openpty,  
pathconf,  
pidfd\_open,  
pipe,  
pipe2,  
posix\_fadvise,  
posix\_fallocate,  
posix\_spawn,  
posix\_spawnnp,  
pread,  
preadv,  
putenv,  
pwrite,  
pwritev,  
read,  
readlink,  
readv,  
register\_at\_fork,  
remove,  
removexattr,  
rename,  
replace,  
rmdir,  
scandir,  
sched\_get\_priority\_max,  
sched\_get\_priority\_min,  
sched\_getaffinity,  
sched\_getparam,  
sched\_getscheduler,

sched\_rr\_get\_interval,  
sched\_setaffinity,  
sched\_setparam,  
sched\_setscheduler,  
sched\_yield,  
sendfile,  
set\_blocking,  
set\_inheritable,  
setegid,  
seteuid,  
setgid,  
setgroups,  
setns,  
setpgid,  
setpgrp,  
setpriority,  
setregid,  
setresgid,  
setresuid,  
setreuid,  
setsid,  
setuid,  
setxattr,  
splice,  
stat,  
statvfs,  
strerror,  
symlink,  
sync,  
sysconf,  
system,  
tcgetpgrp,  
tcsetpgrp,  
times,  
truncate,  
ttyname,  
umask,  
uname,  
unlink,  
unsetenv,  
unshare,  
urandom,  
utime,  
wait,  
wait3,  
wait4,  
waitid,  
waitpid,  
waitstatus\_to\_exitcode,  
WCOREDUMP,  
WEXITSTATUS,  
WIFCONTINUED,  
WIFEXITED,  
WIFSIGNALED,  
WIFSTOPPED,  
write,  
writev,  
WSTOPSIG,  
WTERMSIG

]

[  
CLD\_CONTINUED,  
CLD\_DUMPED,  
CLD\_EXITED,  
CLD\_KILLED,  
CLD\_STOPPED,  
CLD\_TRAPPED,  
CLONE\_FILES,  
CLONE\_FS,  
CLONE\_NEWCGROUP,  
CLONE\_NEWIPC,  
CLONE\_NEWNET,  
CLONE\_NEWNS,  
CLONE\_NEWPID,  
CLONE\_NEWUSER,  
CLONE\_NEWUTS,  
CLONE\_SIGHAND,  
CLONE\_SYSVSEM,  
CLONE\_THREAD,  
CLONE\_VM,  
confstr\_names,  
EFD\_CLOEXEC,  
EFD\_NONBLOCK,  
EFD\_SEMAPHORE,  
environ,  
EX\_CANTCREAT,  
EX\_CONFIG,  
EX\_DATAERR,  
EX\_IOERR,  
EX\_NOHOST,  
EX\_NOINPUT,  
EX\_NOPERM,  
EX\_NOUSER,  
EX\_OK,  
EX\_OSERR,  
EX\_OSFILE,  
EX\_PROTOCOL,  
EX\_SOFTWARE,  
EX\_TEMPFAIL,  
EX\_UNAVAILABLE,  
EX\_USAGE,  
F\_LOCK,  
F\_OK,  
F\_TEST,  
F\_TLOCK,  
F\_ULOCK,  
GRND\_NONBLOCK,  
GRND\_RANDOM,  
MFD\_ALLOW\_SEALING,  
MFD\_CLOEXEC,  
MFD\_HUGE\_16GB,  
MFD\_HUGE\_16MB,  
MFD\_HUGE\_1GB,  
MFD\_HUGE\_1MB,  
MFD\_HUGE\_256MB,  
MFD\_HUGE\_2GB,  
MFD\_HUGE\_2MB,  
MFD\_HUGE\_32MB,  
MFD\_HUGE\_512KB,  
MFD\_HUGE\_512MB,  
MFD\_HUGE\_64KB,  
MFD\_HUGE\_8MB,



MFD\_HUGE\_MASK,  
MFD\_HUGE\_SHIFT,  
MFD\_HUGETLB,  
NGROUPS\_MAX,  
O\_ACCMODE,  
O\_APPEND,  
O\_ASYNC,  
O\_CLOEXEC,  
O\_CREAT,  
O\_DIRECT,  
O\_DIRECTORY,  
O\_DSYNC,  
O\_EXCL,  
O\_FSYNC,  
O\_LARGEFILE,  
O\_NDELAY,  
O\_NOATIME,  
O\_NOCTTY,  
O\_NOFOLLOW,  
O\_NONBLOCK,  
O\_PATH,  
O\_RDONLY,  
O\_RDWR,  
O\_RSYNC,  
O\_SYNC,  
O\_TMPFILE,  
O\_TRUNC,  
O\_WRONLY,  
P\_ALL,  
P\_PGID,  
P\_PID,  
P\_PIDFD,  
pathconf\_names,  
POSIX\_FADV\_DONTNEED,  
POSIX\_FADV\_NOREUSE,  
POSIX\_FADV\_NORMAL,  
POSIX\_FADV\_RANDOM,  
POSIX\_FADV\_SEQUENTIAL,  
POSIX\_FADV\_WILLNEED,  
POSIX\_SPAWN\_CLOSE,  
POSIX\_SPAWN\_DUP2,  
POSIX\_SPAWN\_OPEN,  
PRIO\_PGRP,  
PRIO\_PROCESS,  
PRIO\_USER,  
R\_OK,  
RTLD\_DEEPBIND,  
RTLD\_GLOBAL,  
RTLD\_LAZY,  
RTLD\_LOCAL,  
RTLD\_NODELETE,  
RTLD\_NOLOAD,  
RTLD\_NOW,  
RWF\_APPEND,  
RWF\_DSYNC,  
RWF\_HIPRI,  
RWF\_NOWAIT,  
RWF\_SYNC,  
SCHED\_BATCH,  
SCHED\_FIFO,  
SCHED\_IDLE,  
SCHED\_OTHER,

```
SCHED_RESET_ON_FORK,
SCHED_RR,
SEEK_DATA,
SEEK_HOLE,
SPLICE_F_MORE,
SPLICE_F_MOVE,
SPLICE_F_NONBLOCK,
ST_APPEND,
ST_MANDLOCK,
ST_NOATIME,
ST_NODEV,
ST_NODIRATIME,
ST_NOEXEC,
ST_NOSUID,
ST_RDONLY,
ST_RELATIME,
ST_SYNCHRONOUS,
ST_WRITE,
sysconf_names,
TMP_MAX,
W_OK,
WCONTINUED,
WEXITED,
WNOHANG,
WNOWAIT,
WSTOPPED,
WUNTRACED,
X_OK,
XATTR_CREATE,
XATTR_REPLACE,
XATTR_SIZE_MAX
]
```

## Import statements

### # Classes

```
from posix import DirEntry
from posix import error
from posix import sched_param
from posix import stat_result
from posix import statvfs_result
from posix import terminal_size
from posix import times_result
from posix import uname_result
from posix import waitid_result
```

### # Functions

```
from posix import abort
from posix import access
from posix import chdir
from posix import chmod
from posix import chown
from posix import chroot
from posix import close
from posix import closerange
from posix import confstr
from posix import copy_file_range
from posix import cpu_count
from posix import ctermid
from posix import device_encoding
from posix import dup
from posix import dup2
from posix import eventfd
```

```
from posix import eventfd_read
from posix import eventfd_write
from posix import execv
from posix import execve
from posix import fchdir
from posix import fchmod
from posix import fchown
from posix import fddatasync
from posix import fork
from posix import forkpty
from posix import fpathconf
from posix import fspath
from posix import fstat
from posix import fstatvfs
from posix import fsync
from posix import ftruncate
from posix import get_blocking
from posix import get_inheritable
from posix import get_terminal_size
from posix import getcwd
from posix import getcwdb
from posix import getegid
from posix import geteuid
from posix import getgid
from posix import getgrouplist
from posix import getgroups
from posix import getloadavg
from posix import getlogin
from posix import getpgid
from posix import getpgrp
from posix import getpid
from posix import getppid
from posix import getpriority
from posix import getrandom
from posix import getresgid
from posix import getresuid
from posix import getsid
from posix import getuid
from posix import getxattr
from posix import initgroups
from posix import isatty
from posix import kill
from posix import killpg
from posix import lchown
from posix import link
from posix import listdir
from posix import listxattr
from posix import lockf
from posix import login_tty
from posix import lseek
from posix import lstat
from posix import major
from posix import makedev
from posix import memfd_create
from posix import minor
from posix import mkdir
from posix import mkfifo
from posix import mknod
from posix import nice
from posix import open
from posix import openpty
from posix import pathconf
```

```
from posix import pidfd_open
from posix import pipe
from posix import pipe2
from posix import posix_fadvise
from posix import posix_fallocate
from posix import posix_spawn
from posix import posix_spawnnp
from posix import pread
from posix import preadv
from posix import putenv
from posix import pwrite
from posix import pwritev
from posix import read
from posix import readlink
from posix import readv
from posix import register_at_fork
from posix import remove
from posix import removexattr
from posix import rename
from posix import replace
from posix import rmdir
from posix import scandir
from posix import sched_get_priority_max
from posix import sched_get_priority_min
from posix import sched_getaffinity
from posix import sched_getparam
from posix import sched_getscheduler
from posix import sched_rr_get_interval
from posix import sched_setaffinity
from posix import sched_setparam
from posix import sched_setscheduler
from posix import sched_yield
from posix import sendfile
from posix import set_blocking
from posix import set_inheritable
from posix import setegid
from posix import seteuid
from posix import setgid
from posix import setgroups
from posix import setns
from posix import setpgid
from posix import setpgrp
from posix import setpriority
from posix import setregid
from posix import setresgid
from posix import setresuid
from posix import setreuid
from posix import setsid
from posix import setuid
from posix import setxattr
from posix import splice
from posix import stat
from posix import statvfs
from posix import strerror
from posix import symlink
from posix import sync
from posix import sysconf
from posix import system
from posix import tcgetpgrp
from posix import tcsetpgrp
from posix import times
from posix import truncate
```

```
from posix import ttyname
from posix import umask
from posix import uname
from posix import unlink
from posix import unsetenv
from posix import unshare
from posix import urandom
from posix import utime
from posix import wait
from posix import wait3
from posix import wait4
from posix import waitid
from posix import waitpid
from posix import waitstatus_to_exitcode
from posix import WCOREDUMP
from posix import WEXITSTATUS
from posix import WIFCONTINUED
from posix import WIFEXITED
from posix import WIFSIGNALED
from posix import WIFSTOPPED
from posix import write
from posix import writev
from posix import WSTOPSIG
from posix import WTERMSIG
```

#### **# Sentinels / Constants / Objects**

```
from posix import CLD_CONTINUED
from posix import CLD_DUMPED
from posix import CLD_EXITED
from posix import CLD_KILLED
from posix import CLD_STOPPED
from posix import CLD_TRAPPED
from posix import CLONE_FILES
from posix import CLONE_FS
from posix import CLONE_NEWCGROUP
from posix import CLONE_NEWIPC
from posix import CLONE_NEWNET
from posix import CLONE_NEWNS
from posix import CLONE_NEWPID
from posix import CLONE_NEWUSER
from posix import CLONE_NEWUTS
from posix import CLONE_SIGHAND
from posix import CLONE_SYSVSEM
from posix import CLONE_THREAD
from posix import CLONE_VM
from posix import confstr_names
from posix import EFD_CLOEXEC
from posix import EFD_NONBLOCK
from posix import EFD_SEMAPHORE
from posix import environ
from posix import EX_CANTCREAT
from posix import EX_CONFIG
from posix import EX_DATAERR
from posix import EX_IOERR
from posix import EX_NOHOST
from posix import EX_NOINPUT
from posix import EX_NOPERM
from posix import EX_NOUSER
from posix import EX_OK
from posix import EX_OSERR
from posix import EX_OSFILE
from posix import EX_PROTOCOL
from posix import EX_SOFTWARE
```

```
from posix import EX_TEMPFAIL
from posix import EX_UNAVAILABLE
from posix import EX_USAGE
from posix import F_LOCK
from posix import F_OK
from posix import F_TEST
from posix import F_TLOCK
from posix import F_ULOCK
from posix import GRND_NONBLOCK
from posix import GRND_RANDOM
from posix import MFD_ALLOW_SEALING
from posix import MFD_CLOEXEC
from posix import MFD_HUGE_16GB
from posix import MFD_HUGE_16MB
from posix import MFD_HUGE_1GB
from posix import MFD_HUGE_1MB
from posix import MFD_HUGE_256MB
from posix import MFD_HUGE_2GB
from posix import MFD_HUGE_2MB
from posix import MFD_HUGE_32MB
from posix import MFD_HUGE_512KB
from posix import MFD_HUGE_512MB
from posix import MFD_HUGE_64KB
from posix import MFD_HUGE_8MB
from posix import MFD_HUGE_MASK
from posix import MFD_HUGE_SHIFT
from posix import MFD_HUGETLB
from posix import NGROUPS_MAX
from posix import O_ACCMODE
from posix import O_APPEND
from posix import O_ASYNC
from posix import O_CLOEXEC
from posix import O_CREAT
from posix import O_DIRECT
from posix import O_DIRECTORY
from posix import O_DSYNC
from posix import O_EXCL
from posix import O_FSYNC
from posix import O_LARGEFILE
from posix import O_NDELAY
from posix import O_NOATIME
from posix import O_NOCTTY
from posix import O_NOFOLLOW
from posix import O_NONBLOCK
from posix import O_PATH
from posix import O_RDONLY
from posix import O_RDWR
from posix import O_RSYNC
from posix import O_SYNC
from posix import O_TMPFILE
from posix import O_TRUNC
from posix import O_WRONLY
from posix import P_ALL
from posix import P_PGID
from posix import P_PID
from posix import P_PIDFD
from posix import pathconf_names
from posix import POSIX_FADV_DONTNEED
from posix import POSIX_FADV_NOREUSE
from posix import POSIX_FADV_NORMAL
from posix import POSIX_FADV_RANDOM
from posix import POSIX_FADV_SEQUENTIAL
```

```
from posix import POSIX_FADV_WILLNEED
from posix import POSIX_SPAWN_CLOSE
from posix import POSIX_SPAWN_DUP2
from posix import POSIX_SPAWN_OPEN
from posix import PRIO_PGRP
from posix import PRIO_PROCESS
from posix import PRIO_USER
from posix import R_OK
from posix import RTLD_DEEPBIND
from posix import RTLD_GLOBAL
from posix import RTLD_LAZY
from posix import RTLD_LOCAL
from posix import RTLD_NODELETE
from posix import RTLD_NOLOAD
from posix import RTLD_NOW
from posix import RWF_APPEND
from posix import RWF_DSYNC
from posix import RWF_HIPRI
from posix import RWF_NOWAIT
from posix import RWF_SYNC
from posix import SCHED_BATCH
from posix import SCHED_FIFO
from posix import SCHED_IDLE
from posix import SCHED_OTHER
from posix import SCHED_RESET_ON_FORK
from posix import SCHED_RR
from posix import SEEK_DATA
from posix import SEEK_HOLE
from posix import SPLICE_F_MORE
from posix import SPLICE_F_MOVE
from posix import SPLICE_F_NONBLOCK
from posix import ST_APPEND
from posix import ST_MANDLOCK
from posix import ST_NOATIME
from posix import ST_NODEV
from posix import ST_NODIRATIME
from posix import ST_NOEXEC
from posix import ST_NOSUID
from posix import ST_RDONLY
from posix import ST_RELATIME
from posix import ST_SYNCHRONOUS
from posix import ST_WRITE
from posix import sysconf_names
from posix import TMP_MAX
from posix import W_OK
from posix import WCONTINUED
from posix import WEXITED
from posix import WNOHANG
from posix import WNOWAIT
from posix import WSTOPPED
from posix import WUNTRACED
from posix import X_OK
from posix import XATTR_CREATE
from posix import XATTR_REPLACE
from posix import XATTR_SIZE_MAX
```

# posixpath

## Classes

[ ]

## Functions

```
[
    abspath,
    basename,
    commonpath,
    commonprefix,
    dirname,
    exists,
    expanduser,
    expandvars,
    getatime,
    getctime,
    getmtime,
    getsize,
    isabs,
    isdir,
    isfile,
    isjunction,
    islink,
    ismount,
    join,
    lexists,
    normcase,
    normpath,
    realpath,
    relpath,
    samefile,
    sameopenfile,
    samestat,
    split,
    splitdrive,
    splitext,
    splitroot
]
```

## Sentinels / Constants / Objects

```
[
    ALLOW_MISSING,
    altsep,
    curdir,
    defpath,
    devnull,
    extsep,
    pardir,
    pathsep,
    sep,
    supports_unicode_filenames
]
```

## Import statements

### # Classes

(none)

### # Functions

```
from posixpath import abspath
from posixpath import basename
```



```
from posixpath import commonpath
from posixpath import commonprefix
from posixpath import dirname
from posixpath import exists
from posixpath import expanduser
from posixpath import expandvars
from posixpath import getatime
from posixpath import getctime
from posixpath import getmtime
from posixpath import getsize
from posixpath import isabs
from posixpath import isdir
from posixpath import isfile
from posixpath import isjunction
from posixpath import islink
from posixpath import ismount
from posixpath import join
from posixpath import lexists
from posixpath import normcase
from posixpath import normpath
from posixpath import realpath
from posixpath import relpath
from posixpath import samefile
from posixpath import sameopenfile
from posixpath import samestat
from posixpath import split
from posixpath import splitdrive
from posixpath import splitext
from posixpath import splitroot
```

#### **# Sentinels / Constants / Objects**

```
from posixpath import ALLOW_MISSING
from posixpath import altsep
from posixpath import curdir
from posixpath import defpath
from posixpath import devnull
from posixpath import extsep
from posixpath import pardir
from posixpath import pathsep
from posixpath import sep
from posixpath import supports_unicode_filenames
```

# pprint

## Classes

```
[
    PrettyPrinter
]
```

## Functions

```
[
    isreadable,
    isrecursive,
    pformat,
    pp,
    pprint,
    saferepr
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from pprint import PrettyPrinter
```

### # Functions

```
from pprint import isreadable
from pprint import isrecursive
from pprint import pformat
from pprint import pp
from pprint import pprint
from pprint import saferepr
```

### # Sentinels / Constants / Objects

```
(none)
```

# profile

## Classes

```
[
    Profile
]
```

## Functions

```
[
    run,
    runctx
]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from profile import Profile
```

### # Functions

```
from profile import run
```

```
from profile import runctx
```

### # Sentinels / Constants / Objects

```
(none)
```

# pstats

## Classes

```
[
    FunctionProfile,
    SortKey,
    Stats,
    StatsProfile
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from pstats import FunctionProfile
from pstats import SortKey
from pstats import Stats
from pstats import StatsProfile
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# pty

## Classes

[ ]

## Functions

```
[
    fork,
    openpty,
    spawn
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from pty import fork
from pty import openpty
from pty import spawn
```

### # Sentinels / Constants / Objects

(none)

# pwd

## Classes

```
[  
    struct_passwd  
]
```

## Functions

```
[  
    getpwall,  
    getpwnam,  
    getpwuid  
]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from pwd import struct_passwd
```

### # Functions

```
from pwd import getpwall
```

```
from pwd import getpwnam
```

```
from pwd import getpwuid
```

### # Sentinels / Constants / Objects

```
(none)
```

# py\_compile

## Classes

```
[
    PycInvalidationMode,
    PyCompileError
]
```

## Functions

```
[
    compile,
    main
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from py_compile import PycInvalidationMode
from py_compile import PyCompileError
```

### # Functions

```
from py_compile import compile
from py_compile import main
```

### # Sentinels / Constants / Objects

```
(none)
```

# pyclbr

## Classes

```
[  
    Class,  
    Function  
]
```

## Functions

```
[  
    readmodule,  
    readmodule_ex  
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from pyclbr import Class  
from pyclbr import Function
```

### # Functions

```
from pyclbr import readmodule  
from pyclbr import readmodule_ex
```

### # Sentinels / Constants / Objects

```
(none)
```



# pydoc

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

```
[  
    help  
]
```

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

```
from pydoc import help
```

# pydoc\_data

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# pyexpat

## Classes

```
[
    error,
    ExpatError,
    XMLParserType
]
```

## Functions

```
[
    ErrorString,
    ParserCreate
]
```

## Sentinels / Constants / Objects

```
[
    expat_CAPI,
    EXPAT_VERSION,
    features,
    native_encoding,
    version_info,
    XML_PARAM_ENTITY_PARSING_ALWAYS,
    XML_PARAM_ENTITY_PARSING_NEVER,
    XML_PARAM_ENTITY_PARSING_UNLESS_STANDALONE
]
```

## Import statements

### # Classes

```
from pyexpat import error
from pyexpat import ExpatError
from pyexpat import XMLParserType
```

### # Functions

```
from pyexpat import ErrorString
from pyexpat import ParserCreate
```

### # Sentinels / Constants / Objects

```
from pyexpat import expat_CAPI
from pyexpat import EXPAT_VERSION
from pyexpat import features
from pyexpat import native_encoding
from pyexpat import version_info
from pyexpat import XML_PARAM_ENTITY_PARSING_ALWAYS
from pyexpat import XML_PARAM_ENTITY_PARSING_NEVER
from pyexpat import XML_PARAM_ENTITY_PARSING_UNLESS_STANDALONE
```

# queue

## Classes

```
[  
    Empty,  
    Full,  
    LifoQueue,  
    PriorityQueue,  
    Queue,  
    SimpleQueue  
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from queue import Empty  
from queue import Full  
from queue import LifoQueue  
from queue import PriorityQueue  
from queue import Queue  
from queue import SimpleQueue
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# quopri

## Classes

[ ]

## Functions

```
[
    decode,
    decodestring,
    encode,
    encodestring
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from quopri import decode
from quopri import decodestring
from quopri import encode
from quopri import encodestring
```

### # Sentinels / Constants / Objects

(none)

# random

## Classes

```
[
    Random,
    SystemRandom
]
```

## Functions

```
[
    betavariate,
    binomialvariate,
    choice,
    choices,
    expovariate,
    gammavariate,
    gauss,
    getrandbits,
    getstate,
    lognormvariate,
    normalvariate,
    paretovariate,
    randbytes,
    randint,
    random,
    randrange,
    sample,
    seed,
    setstate,
    shuffle,
    triangular,
    uniform,
    vonmisesvariate,
    weibullvariate
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from random import Random
from random import SystemRandom
```

### # Functions

```
from random import betavariate
from random import binomialvariate
from random import choice
from random import choices
from random import expovariate
from random import gammavariate
from random import gauss
from random import getrandbits
from random import getstate
from random import lognormvariate
from random import normalvariate
from random import paretovariate
from random import randbytes
from random import randint
from random import random
from random import randrange
```

```
from random import sample
from random import seed
from random import setstate
from random import shuffle
from random import triangular
from random import uniform
from random import vonmisesvariate
from random import weibullvariate
# Sentinels / Constants / Objects
(none)
```

# re

## Classes

```
[
    error,
    Match,
    Pattern,
    RegexFlag
]
```

## Functions

```
[
    compile,
    escape,
    findall,
    finditer,
    fullmatch,
    match,
    purge,
    search,
    split,
    sub,
    subn,
    template
]
```

## Sentinels / Constants / Objects

```
[
    A,
    ASCII,
    DOTALL,
    I,
    IGNORECASE,
    L,
    LOCALE,
    M,
    MULTILINE,
    NOFLAG,
    S,
    U,
    UNICODE,
    VERBOSE,
    X
]
```

## Import statements

### # Classes

```
from re import error
from re import Match
from re import Pattern
from re import RegexFlag
```

### # Functions

```
from re import compile
from re import escape
from re import findall
from re import finditer
from re import fullmatch
from re import match
from re import purge
from re import search
```



```
from re import split
from re import sub
from re import subn
from re import template
# Sentinels / Constants / Objects
from re import A
from re import ASCII
from re import DOTALL
from re import I
from re import IGNORECASE
from re import L
from re import LOCALE
from re import M
from re import MULTILINE
from re import NOFLAG
from re import S
from re import U
from re import UNICODE
from re import VERBOSE
from re import X
```

# readline

## Classes

[ ]

## Functions

```
[
    add_history,
    append_history_file,
    clear_history,
    get_begidx,
    get_completer,
    get_completer_delims,
    get_completion_type,
    get_current_history_length,
    get_endidx,
    get_history_item,
    get_history_length,
    get_line_buffer,
    insert_text,
    parse_and_bind,
    read_history_file,
    read_init_file,
    redisplay,
    remove_history_item,
    replace_history_item,
    set_auto_history,
    set_completer,
    set_completer_delims,
    set_completion_display_matches_hook,
    set_history_length,
    set_pre_input_hook,
    set_startup_hook,
    write_history_file
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from readline import add_history
from readline import append_history_file
from readline import clear_history
from readline import get_begidx
from readline import get_completer
from readline import get_completer_delims
from readline import get_completion_type
from readline import get_current_history_length
from readline import get_endidx
from readline import get_history_item
from readline import get_history_length
from readline import get_line_buffer
from readline import insert_text
from readline import parse_and_bind
from readline import read_history_file
from readline import read_init_file
from readline import redisplay
```

```
from readline import remove_history_item
from readline import replace_history_item
from readline import set_auto_history
from readline import set_completer
from readline import set_completer_delims
from readline import set_completion_display_matches_hook
from readline import set_history_length
from readline import set_pre_input_hook
from readline import set_startup_hook
from readline import write_history_file
```

#### **# Sentinels / Constants / Objects**

```
(none)
```

# reprlib

## Classes

```
[  
    Repr  
]
```

## Functions

```
[  
    recursive_repr,  
    repr  
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from reprlib import Repr
```

### # Functions

```
from reprlib import recursive_repr
```

```
from reprlib import repr
```

### # Sentinels / Constants / Objects

```
(none)
```

# resource

## Classes

```
[
    error,
    struct_rusage
]
```

## Functions

```
[
    getpagesize,
    getrlimit,
    getrusage,
    prlimit,
    setrlimit
]
```

## Sentinels / Constants / Objects

```
[
    RLIM_INFINITY,
    RLIMIT_AS,
    RLIMIT_CORE,
    RLIMIT_CPU,
    RLIMIT_DATA,
    RLIMIT_FSIZE,
    RLIMIT_MEMLOCK,
    RLIMIT_MSGQUEUE,
    RLIMIT_NICE,
    RLIMIT_NOFILE,
    RLIMIT_NPROC,
    RLIMIT_OFILE,
    RLIMIT_RSS,
    RLIMIT_RTPRIO,
    RLIMIT_RTTIME,
    RLIMIT_SIGPENDING,
    RLIMIT_STACK,
    RUSAGE_CHILDREN,
    RUSAGE_SELF,
    RUSAGE_THREAD
]
```

## Import statements

### # Classes

```
from resource import error
from resource import struct_rusage
```

### # Functions

```
from resource import getpagesize
from resource import getrlimit
from resource import getrusage
from resource import prlimit
from resource import setrlimit
```

### # Sentinels / Constants / Objects

```
from resource import RLIM_INFINITY
from resource import RLIMIT_AS
from resource import RLIMIT_CORE
from resource import RLIMIT_CPU
from resource import RLIMIT_DATA
from resource import RLIMIT_FSIZE
from resource import RLIMIT_MEMLOCK
from resource import RLIMIT_MSGQUEUE
```

```
from resource import RLIMIT_NICE
from resource import RLIMIT_NOFILE
from resource import RLIMIT_NPROC
from resource import RLIMIT_OFILE
from resource import RLIMIT_RSS
from resource import RLIMIT_RTPRIO
from resource import RLIMIT_RTTIME
from resource import RLIMIT_SIGPENDING
from resource import RLIMIT_STACK
from resource import RUSAGE_CHILDREN
from resource import RUSAGE_SELF
from resource import RUSAGE_THREAD
```

# rlcompleter

## Classes

```
[  
    Completer  
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from rlcompleter import Completer
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# runpy

## Classes

[ ]

## Functions

```
[
    run_module,
    run_path
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from runpy import run_module
```

```
from runpy import run_path
```

### # Sentinels / Constants / Objects

(none)



# sched

## Classes

```
[
    scheduler
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from sched import scheduler
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# secrets

## Classes

```
[
    SystemRandom
]
```

## Functions

```
[
    choice,
    compare_digest,
    randbelow,
    randbits,
    token_bytes,
    token_hex,
    token_urlsafe
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from secrets import SystemRandom
```

### # Functions

```
from secrets import choice
from secrets import compare_digest
from secrets import randbelow
from secrets import randbits
from secrets import token_bytes
from secrets import token_hex
from secrets import token_urlsafe
```

### # Sentinels / Constants / Objects

```
(none)
```

# select

## Classes

```
[
    epoll,
    error
]
```

## Functions

```
[
    poll,
    select
]
```

## Sentinels / Constants / Objects

```
[
    EPOLL_CLOEXEC,
    EPOLLERR,
    EPOLLET,
    EPOLLEXCLUSIVE,
    EPOLLHUP,
    EPOLLIN,
    EPOLLMSG,
    EPOLLONESHOT,
    EPOLLOUT,
    EPOLLPRI,
    EPOLLRDBAND,
    EPOLLRDHUP,
    EPOLLRDNORM,
    EPOLLWRBAND,
    EPOLLWRNORM,
    PIPE_BUF,
    POLLERR,
    POLLHUP,
    POLLIN,
    POLLMSG,
    POLLNVAL,
    POLLOUT,
    POLLPRI,
    POLLRDBAND,
    POLLRDHUP,
    POLLRDNORM,
    POLLWRBAND,
    POLLWRNORM
]
```

## Import statements

### # Classes

```
from select import epoll
from select import error
```

### # Functions

```
from select import poll
from select import select
```

### # Sentinels / Constants / Objects

```
from select import EPOLL_CLOEXEC
from select import EPOLLERR
from select import EPOLLET
from select import EPOLLEXCLUSIVE
from select import EPOLLHUP
from select import EPOLLIN
```

```
from select import EPOLLMSG
from select import EPOLLONESHOT
from select import EPOLLOUT
from select import EPOLLPRI
from select import EPOLLRDBAND
from select import EPOLLRDHUP
from select import EPOLLRDNORM
from select import EPOLLWRBAND
from select import EPOLLWRNORM
from select import PIPE_BUF
from select import POLLERR
from select import POLLHUP
from select import POLLIN
from select import POLLMSG
from select import POLLNVAL
from select import POLLOUT
from select import POLLPRI
from select import POLLRDBAND
from select import POLLRDHUP
from select import POLLRDNORM
from select import POLLWRBAND
from select import POLLWRNORM
```

# selectors

## Classes

```
[
    ABCMeta,
    BaseSelector,
    DefaultSelector,
    EpollSelector,
    Mapping,
    PollSelector,
    SelectorKey,
    SelectSelector
]
```

## Functions

```
[
    abstractmethod,
    namedtuple
]
```

## Sentinels / Constants / Objects

```
[
    EVENT_READ,
    EVENT_WRITE
]
```

## Import statements

### # Classes

```
from selectors import ABCMeta
from selectors import BaseSelector
from selectors import DefaultSelector
from selectors import EpollSelector
from selectors import Mapping
from selectors import PollSelector
from selectors import SelectorKey
from selectors import SelectSelector
```

### # Functions

```
from selectors import abstractmethod
from selectors import namedtuple
```

### # Sentinels / Constants / Objects

```
from selectors import EVENT_READ
from selectors import EVENT_WRITE
```

# shelve

## Classes

```
[
    BsdDbShelf,
    DbfilenameShelf,
    Shelf
]
```

## Functions

```
[
    open
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from shelve import BsdDbShelf
from shelve import DbfilenameShelf
from shelve import Shelf
```

### # Functions

```
from shelve import open
```

### # Sentinels / Constants / Objects

```
(none)
```

# shlex

## Classes

```
[
    shlex
]
```

## Functions

```
[
    join,
    quote,
    split
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from shlex import shlex
```

### # Functions

```
from shlex import join
from shlex import quote
from shlex import split
```

### # Sentinels / Constants / Objects

```
(none)
```

# shutil

## Classes

```
[
    Error,
    ExecError,
    SameFileError,
    SpecialFileError
]
```

## Functions

```
[
    chown,
    copy,
    copy2,
    copyfile,
    copyfileobj,
    copypmode,
    copystat,
    copytree,
    disk_usage,
    get_archive_formats,
    get_terminal_size,
    get_unpack_formats,
    ignore_patterns,
    make_archive,
    move,
    register_archive_format,
    register_unpack_format,
    rmtree,
    unpack_archive,
    unregister_archive_format,
    unregister_unpack_format,
    which
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from shutil import Error
from shutil import ExecError
from shutil import SameFileError
from shutil import SpecialFileError
```

### # Functions

```
from shutil import chown
from shutil import copy
from shutil import copy2
from shutil import copyfile
from shutil import copyfileobj
from shutil import copypmode
from shutil import copystat
from shutil import copytree
from shutil import disk_usage
from shutil import get_archive_formats
from shutil import get_terminal_size
from shutil import get_unpack_formats
from shutil import ignore_patterns
from shutil import make_archive
```



```
from shutil import move
from shutil import register_archive_format
from shutil import register_unpack_format
from shutil import rmtree
from shutil import unpack_archive
from shutil import unregister_archive_format
from shutil import unregister_unpack_format
from shutil import which
# Sentinels / Constants / Objects
(none)
```

# signal

## Classes

```
[  
    Handlers,  
    ItimerError,  
    Sigmask,  
    Signals,  
    struct_siginfo  
]
```

## Functions

```
[  
    alarm,  
    default_int_handler,  
    getitimer,  
    getsignal,  
    pause,  
    pidfd_send_signal,  
    pthread_kill,  
    pthread_sigmask,  
    raise_signal,  
    set_wakeup_fd,  
    setitimer,  
    siginterrupt,  
    signal,  
    sigpending,  
    sigtimedwait,  
    sigwait,  
    sigwaitinfo,  
    strsignal,  
    valid_signals  
]
```

## Sentinels / Constants / Objects

```
[  
    ITIMER_PROF,  
    ITIMER_REAL,  
    ITIMER_VIRTUAL,  
    NSIG,  
    SIG_BLOCK,  
    SIG_DFL,  
    SIG_IGN,  
    SIG_SETMASK,  
    SIG_UNBLOCK,  
    SIGABRT,  
    SIGALRM,  
    SIGBUS,  
    SIGCHLD,  
    SIGCLD,  
    SIGCONT,  
    SIGFPE,  
    SIGHUP,  
    SIGILL,  
    SIGINT,  
    SIGIO,  
    SIGIOT,  
    SIGKILL,  
    SIGPIPE,  
    SIGPOLL,  
]
```

```
SIGPROF,  
SIGPWR,  
SIGQUIT,  
SIGRTMAX,  
SIGRTMIN,  
SIGSEGV,  
SIGSTKFLT,  
SIGSTOP,  
SIGSYS,  
SIGTERM,  
SIGTRAP,  
SIGTSTP,  
SIGTTIN,  
SIGTTOU,  
SIGURG,  
SIGUSR1,  
SIGUSR2,  
SIGVTALRM,  
SIGWINCH,  
SIGXCPU,  
SIGXFSZ
```

```
]
```

## Import statements

### # Classes

```
from signal import Handlers  
from signal import ItimerError  
from signal import Sigmask  
from signal import Signals  
from signal import struct_siginfo
```

### # Functions

```
from signal import alarm  
from signal import default_int_handler  
from signal import getitimer  
from signal import getsignal  
from signal import pause  
from signal import pidfd_send_signal  
from signal import pthread_kill  
from signal import pthread_sigmask  
from signal import raise_signal  
from signal import set_wakeup_fd  
from signal import setitimer  
from signal import siginterrupt  
from signal import signal  
from signal import sigpending  
from signal import sigtimedwait  
from signal import sigwait  
from signal import sigwaitinfo  
from signal import strsignal  
from signal import valid_signals
```

### # Sentinels / Constants / Objects

```
from signal import ITIMER_PROF  
from signal import ITIMER_REAL  
from signal import ITIMER_VIRTUAL  
from signal import NSIG  
from signal import SIG_BLOCK  
from signal import SIG_DFL  
from signal import SIG_IGN  
from signal import SIG_SETMASK  
from signal import SIG_UNBLOCK  
from signal import SIGABRT
```

```
from signal import SIGALRM
from signal import SIGBUS
from signal import SIGCHLD
from signal import SIGCLD
from signal import SIGCONT
from signal import SIGFPE
from signal import SIGHUP
from signal import SIGILL
from signal import SIGINT
from signal import SIGIO
from signal import SIGIOT
from signal import SIGKILL
from signal import SIGPIPE
from signal import SIGPOLL
from signal import SIGPROF
from signal import SIGPWR
from signal import SIGQUIT
from signal import SIGRTMAX
from signal import SIGRTMIN
from signal import SIGSEGV
from signal import SIGSTKFLT
from signal import SIGSTOP
from signal import SIGSYS
from signal import SIGTERM
from signal import SIGTRAP
from signal import SIGTSTP
from signal import SIGTTIN
from signal import SIGTTOU
from signal import SIGURG
from signal import SIGUSR1
from signal import SIGUSR2
from signal import SIGVTALRM
from signal import SIGWINCH
from signal import SIGXCPU
from signal import SIGXFSZ
```

# site

## Classes

[ ]

## Functions

```
[
    abs_paths,
    addpackage,
    addsitedir,
    addsitepackages,
    addusersitepackages,
    check_enableusersite,
    enablerlcompleter,
    execsitecustomize,
    execusercustomize,
    getsitepackages,
    getuserbase,
    getusersitepackages,
    main,
    makepath,
    removeduppaths,
    setcopyright,
    sethelper,
    setquit,
    venv
]
```

## Sentinels / Constants / Objects

```
[
    ENABLE_USER_SITE,
    PREFIXES,
    USER_BASE,
    USER_SITE
]
```

## Import statements

### # Classes

(none)

### # Functions

```
from site import abs_paths
from site import addpackage
from site import addsitedir
from site import addsitepackages
from site import addusersitepackages
from site import check_enableusersite
from site import enablerlcompleter
from site import execsitecustomize
from site import execusercustomize
from site import getsitepackages
from site import getuserbase
from site import getusersitepackages
from site import main
from site import makepath
from site import removeduppaths
from site import setcopyright
from site import sethelper
from site import setquit
from site import venv
```

### # Sentinels / Constants / Objects

```
from site import ENABLE_USER_SITE
from site import PREFIXES
from site import USER_BASE
from site import USER_SITE
```

# smtpplib

## Classes

```
[
    SMTP,
    SMTP_SSL,
    SMTPAuthenticationError,
    SMTPConnectError,
    SMTPDataError,
    SMTPException,
    SMTPHeloError,
    SMTPNotSupportedError,
    SMTPRecipientsRefused,
    SMTPResponseException,
    SMTPSenderRefused,
    SMTPServerDisconnected
]
```

## Functions

```
[
    quoteaddr,
    quotedata
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from smtpplib import SMTP
from smtpplib import SMTP_SSL
from smtpplib import SMTPAuthenticationError
from smtpplib import SMTPConnectError
from smtpplib import SMTPDataError
from smtpplib import SMTPException
from smtpplib import SMTPHeloError
from smtpplib import SMTPNotSupportedError
from smtpplib import SMTPRecipientsRefused
from smtpplib import SMTPResponseException
from smtpplib import SMTPSenderRefused
from smtpplib import SMTPServerDisconnected
```

### # Functions

```
from smtpplib import quoteaddr
from smtpplib import quotedata
```

### # Sentinels / Constants / Objects

```
(none)
```

# sndhdr

## Classes

[ ]

## Functions

```
[  
    what,  
    whathdr  
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from sndhdr import what  
from sndhdr import whathdr
```

### # Sentinels / Constants / Objects

(none)



# socket

## Classes

```
[
    AddressFamily,
    error,
    gaierror,
    herror,
    socket,
    SocketKind,
    SocketType,
    timeout
]
```

## Functions

```
[
    close,
    CMSG_LEN,
    CMSG_SPACE,
    create_connection,
    create_server,
    dup,
    fromfd,
    getaddrinfo,
    getdefaulttimeout,
    getfqdn,
    gethostbyaddr,
    gethostbyname,
    gethostbyname_ex,
    gethostname,
    getnameinfo,
    getprotobyname,
    getservbyname,
    getservbyport,
    has_dualstack_ipv6,
    htonl,
    htons,
    if_indextoname,
    if_nameindex,
    if_nametoindex,
    inet_aton,
    inet_ntoa,
    inet_ntop,
    inet_pton,
    ntohl,
    ntohs,
    recv_fds,
    send_fds,
    setdefaulttimeout,
    sethostname,
    socketpair
]
```

## Sentinels / Constants / Objects

```
[
    AF_ALG,
    AF_APPLETALK,
    AF_ASH,
    AF_ATMPVC,
    AF_ATMSVC,
```

AF\_AX25,  
AF\_BLUETOOTH,  
AF\_BRIDGE,  
AF\_CAN,  
AF\_DECnet,  
AF\_ECONET,  
AF\_INET,  
AF\_INET6,  
AF\_IPX,  
AF\_IRDA,  
AF\_KEY,  
AF\_LLC,  
AF\_NETBEUI,  
AF\_NETLINK,  
AF\_NETROM,  
AF\_PACKET,  
AF\_PPPOX,  
AF\_QIPCRTR,  
AF\_RDS,  
AF\_ROSE,  
AF\_ROUTE,  
AF\_SECURITY,  
AF\_SNA,  
AF\_TIPC,  
AF\_UNIX,  
AF\_UNSPEC,  
AF\_VSOCK,  
AF\_WANPIPE,  
AF\_X25,  
AI\_ADDRCONFIG,  
AI\_ALL,  
AI\_CANONNAME,  
AI\_NUMERICHOST,  
AI\_NUMERICSERV,  
AI\_PASSIVE,  
AI\_V4MAPPED,  
ALG\_OP\_DECRYPT,  
ALG\_OP\_ENCRYPT,  
ALG\_OP\_SIGN,  
ALG\_OP\_VERIFY,  
ALG\_SET\_AEAD\_ASSOCLEN,  
ALG\_SET\_AEAD\_AUTHSIZE,  
ALG\_SET\_IV,  
ALG\_SET\_KEY,  
ALG\_SET\_OP,  
ALG\_SET\_PUBKEY,  
BDADDR\_ANY,  
BDADDR\_LOCAL,  
BTPROTO\_HCI,  
BTPROTO\_L2CAP,  
BTPROTO\_RFCOMM,  
BTPROTO\_SCO,  
CAN\_BCM,  
CAN\_BCM\_CAN\_FD\_FRAME,  
CAN\_BCM\_RX\_ANNOUNCE\_RESUME,  
CAN\_BCM\_RX\_CHANGED,  
CAN\_BCM\_RX\_CHECK\_DLC,  
CAN\_BCM\_RX\_DELETE,  
CAN\_BCM\_RX\_FILTER\_ID,  
CAN\_BCM\_RX\_NO\_AUTOTIMER,  
CAN\_BCM\_RX\_READ,  
CAN\_BCM\_RX\_RTR\_FRAME,

CAN\_BCM\_RX\_SETUP,  
CAN\_BCM\_RX\_STATUS,  
CAN\_BCM\_RX\_TIMEOUT,  
CAN\_BCM\_SETTIMER,  
CAN\_BCM\_STARTTIMER,  
CAN\_BCM\_TX\_ANNOUNCE,  
CAN\_BCM\_TX\_COUNTVT,  
CAN\_BCM\_TX\_CP\_CAN\_ID,  
CAN\_BCM\_TX\_DELETE,  
CAN\_BCM\_TX\_EXPIRED,  
CAN\_BCM\_TX\_READ,  
CAN\_BCM\_TX\_RESET\_MULTI\_IDX,  
CAN\_BCM\_TX\_SEND,  
CAN\_BCM\_TX\_SETUP,  
CAN\_BCM\_TX\_STATUS,  
CAN\_EFF\_FLAG,  
CAN\_EFF\_MASK,  
CAN\_ERR\_FLAG,  
CAN\_ERR\_MASK,  
CAN\_ISOTP,  
CAN\_J1939,  
CAN\_RAW,  
CAN\_RAW\_FD\_FRAMES,  
CAN\_RAW\_FILTER,  
CAN\_RAW\_JOIN\_FILTERS,  
CAN\_RAW\_LOOPBACK,  
CAN\_RAW\_RECV\_OWN\_MSGS,  
CAN\_RTR\_FLAG,  
CAN\_SFF\_MASK,  
CAPI,  
EAI\_ADDRFAMILY,  
EAI\_AGAIN,  
EAI\_BADFLAGS,  
EAI\_FAIL,  
EAI\_FAMILY,  
EAI\_MEMORY,  
EAI\_NODATA,  
EAI\_NONAME,  
EAI\_OVERFLOW,  
EAI\_SERVICE,  
EAI\_SOCKTYPE,  
EAI\_SYSTEM,  
ETH\_P\_ALL,  
ETHERTYPE\_ARP,  
ETHERTYPE\_IP,  
ETHERTYPE\_IPV6,  
ETHERTYPE\_VLAN,  
has\_ipv6,  
HCI\_DATA\_DIR,  
HCI\_FILTER,  
HCI\_TIME\_STAMP,  
INADDR\_ALLHOSTS\_GROUP,  
INADDR\_ANY,  
INADDR\_BROADCAST,  
INADDR\_LOOPBACK,  
INADDR\_MAX\_LOCAL\_GROUP,  
INADDR\_NONE,  
INADDR\_UNSPEC\_GROUP,  
IOCTL\_VM\_SOCKETS\_GET\_LOCAL\_CID,  
IP\_ADD\_MEMBERSHIP,  
IP\_ADD\_SOURCE\_MEMBERSHIP,  
IP\_BIND\_ADDRESS\_NO\_PORT,

IP\_BLOCK\_SOURCE,  
IP\_DEFAULT\_MULTICAST\_LOOP,  
IP\_DEFAULT\_MULTICAST\_TTL,  
IP\_DROP\_MEMBERSHIP,  
IP\_DROP\_SOURCE\_MEMBERSHIP,  
IP\_HDRINCL,  
IP\_MAX\_MEMBERSHIPS,  
IP\_MULTICAST\_IF,  
IP\_MULTICAST\_LOOP,  
IP\_MULTICAST\_TTL,  
IP\_OPTIONS,  
IP\_PKTINFO,  
IP\_RECVOPTS,  
IP\_RECVRETOPTS,  
IP\_RECVTOS,  
IP\_RETOPTS,  
IP\_TOS,  
IP\_TRANSPARENT,  
IP\_TTL,  
IP\_UNBLOCK\_SOURCE,  
IPPORT\_RESERVED,  
IPPORT\_USERRESERVED,  
IPPROTO\_AH,  
IPPROTO\_DSTOPTS,  
IPPROTO\_EGP,  
IPPROTO\_ESP,  
IPPROTO\_FRAGMENT,  
IPPROTO\_GRE,  
IPPROTO\_HOPOPTS,  
IPPROTO\_ICMP,  
IPPROTO\_ICMPV6,  
IPPROTO\_IDP,  
IPPROTO\_IGMP,  
IPPROTO\_IP,  
IPPROTO\_IPIP,  
IPPROTO\_IPV6,  
IPPROTO\_MPTCP,  
IPPROTO\_NONE,  
IPPROTO\_PIM,  
IPPROTO\_PUP,  
IPPROTO\_RAW,  
IPPROTO\_ROUTING,  
IPPROTO\_RSVP,  
IPPROTO\_SCTP,  
IPPROTO\_TCP,  
IPPROTO\_TP,  
IPPROTO\_UDP,  
IPPROTO\_UDPLITE,  
IPV6\_CHECKSUM,  
IPV6\_DONTFRAG,  
IPV6\_DSTOPTS,  
IPV6\_HOPLIMIT,  
IPV6\_HOPOPTS,  
IPV6\_JOIN\_GROUP,  
IPV6\_LEAVE\_GROUP,  
IPV6\_MULTICAST\_HOPS,  
IPV6\_MULTICAST\_IF,  
IPV6\_MULTICAST\_LOOP,  
IPV6\_NEXTHOP,  
IPV6\_PATHMTU,  
IPV6\_PKTINFO,  
IPV6\_RECVDSTOPTS,

IPV6\_RECVHOPLIMIT,  
IPV6\_RECVHOPOPTS,  
IPV6\_RECVPATHMTU,  
IPV6\_RECVPKTINFO,  
IPV6\_RECVRTHDR,  
IPV6\_RECVTCLASS,  
IPV6\_RTHDR,  
IPV6\_RTHDR\_TYPE\_0,  
IPV6\_RTHDRDSTOPTS,  
IPV6\_TCLASS,  
IPV6\_UNICAST\_HOPS,  
IPV6\_V6ONLY,  
J1939\_EE\_INFO\_NONE,  
J1939\_EE\_INFO\_TX\_ABORT,  
J1939\_FILTER\_MAX,  
J1939\_IDLE\_ADDR,  
J1939\_MAX\_UNICAST\_ADDR,  
J1939\_NLA\_BYTES\_ACKED,  
J1939\_NLA\_PAD,  
J1939\_NO\_ADDR,  
J1939\_NO\_NAME,  
J1939\_NO\_PGN,  
J1939\_PGN\_ADDRESS\_CLAIMED,  
J1939\_PGN\_ADDRESS\_COMMANDED,  
J1939\_PGN\_MAX,  
J1939\_PGN\_PDU1\_MAX,  
J1939\_PGN\_REQUEST,  
MSG\_CMSG\_CLOEXEC,  
MSG\_CONFIRM,  
MSG\_CTRUNC,  
MSG\_DONTROUTE,  
MSG\_DONTWAIT,  
MSG\_EOR,  
MSG\_ERRQUEUE,  
MSG\_FASTOPEN,  
MSG\_MORE,  
MSG\_NOSIGNAL,  
MSG\_OOB,  
MSG\_PEEK,  
MSG\_TRUNC,  
MSG\_WAITALL,  
NETLINK\_CRYPTO,  
NETLINK\_DNRTMSG,  
NETLINK\_FIREWALL,  
NETLINK\_IP6\_FW,  
NETLINK\_NFLOG,  
NETLINK\_ROUTE,  
NETLINK\_USERSOCK,  
NETLINK\_XFRM,  
NI\_DGRAM,  
NI\_MAXHOST,  
NI\_MAXSERV,  
NI\_NAMEREQD,  
NI\_NOFQDN,  
NI\_NUMERICHOST,  
NI\_NUMERICSERV,  
PACKET\_BROADCAST,  
PACKET\_FASTROUTE,  
PACKET\_HOST,  
PACKET\_LOOPBACK,  
PACKET\_MULTICAST,  
PACKET\_OTHERHOST,

PACKET\_OUTGOING,  
PF\_CAN,  
PF\_PACKET,  
PF\_RDS,  
SCM\_CREDENTIALS,  
SCM\_J1939\_DEST\_ADDR,  
SCM\_J1939\_DEST\_NAME,  
SCM\_J1939\_ERRQUEUE,  
SCM\_J1939\_PRIO,  
SCM\_RIGHTS,  
SHUT\_RD,  
SHUT\_RDWR,  
SHUT\_WR,  
SO\_ACCEPTCONN,  
SO\_BINDTODEVICE,  
SO\_BROADCAST,  
SO\_DEBUG,  
SO\_DOMAIN,  
SO\_DONTROUTE,  
SO\_ERROR,  
SO\_INCOMING\_CPU,  
SO\_J1939\_ERRQUEUE,  
SO\_J1939\_FILTER,  
SO\_J1939\_PROMISC,  
SO\_J1939\_SEND\_PRIO,  
SO\_KEEPAIVE,  
SO\_LINGER,  
SO\_MARK,  
SO\_OOBINLINE,  
SO\_PASSCRED,  
SO\_PASSEC,  
SO\_PEERCRD,  
SO\_PEERSEC,  
SO\_PRIORITY,  
SO\_PROTOCOL,  
SO\_RCVBUF,  
SO\_RCVLOWAT,  
SO\_RCVTIMEO,  
SO\_REUSEADDR,  
SO\_REUSEPORT,  
SO\_SNDBUF,  
SO\_SNDLOWAT,  
SO\_SNDTIMEO,  
SO\_TYPE,  
SO\_VM\_SOCKETS\_BUFFER\_MAX\_SIZE,  
SO\_VM\_SOCKETS\_BUFFER\_MIN\_SIZE,  
SO\_VM\_SOCKETS\_BUFFER\_SIZE,  
SOCK\_CLOEXEC,  
SOCK\_DGRAM,  
SOCK\_NONBLOCK,  
SOCK\_RAW,  
SOCK\_RDM,  
SOCK\_SEQPACKET,  
SOCK\_STREAM,  
SOL\_ALG,  
SOL\_CAN\_BASE,  
SOL\_CAN\_RAW,  
SOL\_HCI,  
SOL\_IP,  
SOL\_RDS,  
SOL\_SOCKET,  
SOL\_TCP,

SOL\_TIPC,  
SOL\_UDP,  
SOMAXCONN,  
TCP\_CC\_INFO,  
TCP\_CONGESTION,  
TCP\_CORK,  
TCP\_DEFER\_ACCEPT,  
TCP\_FASTOPEN,  
TCP\_FASTOPEN\_CONNECT,  
TCP\_FASTOPEN\_KEY,  
TCP\_FASTOPEN\_NO\_COOKIE,  
TCP\_INFO,  
TCP\_INQ,  
TCP\_KEEPCNT,  
TCP\_KEEPIPLE,  
TCP\_KEEPIPLE,  
TCP\_KEEPIPLE,  
TCP\_LINGER2,  
TCP\_MAXSEG,  
TCP\_MD5SIG,  
TCP\_MD5SIG\_EXT,  
TCP\_NODELAY,  
TCP\_NOTSENT\_LOWAT,  
TCP\_QUEUE\_SEQ,  
TCP\_QUICKACK,  
TCP\_REPAIR,  
TCP\_REPAIR\_OPTIONS,  
TCP\_REPAIR\_QUEUE,  
TCP\_REPAIR\_WINDOW,  
TCP\_SAVE\_SYN,  
TCP\_SAVED\_SYN,  
TCP\_SYNCNT,  
TCP\_THIN\_DUPACK,  
TCP\_THIN\_LINEAR\_TIMEOUTS,  
TCP\_TIMESTAMP,  
TCP\_TX\_DELAY,  
TCP\_ULP,  
TCP\_USER\_TIMEOUT,  
TCP\_WINDOW\_CLAMP,  
TCP\_ZEROCOPY\_RECEIVE,  
TIPC\_ADDR\_ID,  
TIPC\_ADDR\_NAME,  
TIPC\_ADDR\_NAMESEQ,  
TIPC\_CFG\_SRV,  
TIPC\_CLUSTER\_SCOPE,  
TIPC\_CONN\_TIMEOUT,  
TIPC\_CRITICAL\_IMPORTANCE,  
TIPC\_DEST\_DROPPABLE,  
TIPC\_HIGH\_IMPORTANCE,  
TIPC\_IMPORTANCE,  
TIPC\_LOW\_IMPORTANCE,  
TIPC\_MEDIUM\_IMPORTANCE,  
TIPC\_NODE\_SCOPE,  
TIPC\_PUBLISHED,  
TIPC\_SRC\_DROPPABLE,  
TIPC\_SUB\_CANCEL,  
TIPC\_SUB\_PORTS,  
TIPC\_SUB\_SERVICE,  
TIPC\_SUBSCR\_TIMEOUT,  
TIPC\_TOP\_SRV,  
TIPC\_WAIT\_FOREVER,  
TIPC\_WITHDRAWN,  
TIPC\_ZONE\_SCOPE,

```
UDPLITE_RECV_CSCOV,  
UDPLITE_SEND_CSCOV,  
VM_SOCKETS_INVALID_VERSION,  
VMADDR_CID_ANY,  
VMADDR_CID_HOST,  
VMADDR_PORT_ANY  
]
```

## Import statements

### # Classes

```
from socket import AddressFamily  
from socket import error  
from socket import gaierror  
from socket import herror  
from socket import socket  
from socket import SocketKind  
from socket import SocketType  
from socket import timeout
```

### # Functions

```
from socket import close  
from socket import CMSG_LEN  
from socket import CMSG_SPACE  
from socket import create_connection  
from socket import create_server  
from socket import dup  
from socket import fromfd  
from socket import getaddrinfo  
from socket import getdefaulttimeout  
from socket import getfqdn  
from socket import gethostbyaddr  
from socket import gethostbyname  
from socket import gethostbyname_ex  
from socket import gethostname  
from socket import getnameinfo  
from socket import getprotobyname  
from socket import getservbyname  
from socket import getservbyport  
from socket import has_dualstack_ipv6  
from socket import htonl  
from socket import htons  
from socket import if_indextoname  
from socket import if_nameindex  
from socket import if_nametoindex  
from socket import inet_aton  
from socket import inet_ntoa  
from socket import inet_ntop  
from socket import inet_pton  
from socket import ntohl  
from socket import ntohs  
from socket import recv_fds  
from socket import send_fds  
from socket import setdefaulttimeout  
from socket import sethostname  
from socket import socketpair
```

### # Sentinels / Constants / Objects

```
from socket import AF_ALG  
from socket import AF_APPLETALK  
from socket import AF_ASH  
from socket import AF_ATMPVC  
from socket import AF_ATMSVC  
from socket import AF_AX25
```



```
from socket import AF_BLUETOOTH
from socket import AF_BRIDGE
from socket import AF_CAN
from socket import AF_DECnet
from socket import AF_ECONET
from socket import AF_INET
from socket import AF_INET6
from socket import AF_IPX
from socket import AF_IRDA
from socket import AF_KEY
from socket import AF_LLC
from socket import AF_NETBEUI
from socket import AF_NETLINK
from socket import AF_NETROM
from socket import AF_PACKET
from socket import AF_PPPOX
from socket import AF_QIPCRTR
from socket import AF_RDS
from socket import AF_ROSE
from socket import AF_ROUTE
from socket import AF_SECURITY
from socket import AF_SNA
from socket import AF_TIPC
from socket import AF_UNIX
from socket import AF_UNSPEC
from socket import AF_VSOCK
from socket import AF_WANPIPE
from socket import AF_X25
from socket import AI_ADDRCONFIG
from socket import AI_ALL
from socket import AI_CANONNAME
from socket import AI_NUMERICHOST
from socket import AI_NUMERICSERV
from socket import AI_PASSIVE
from socket import AI_V4MAPPED
from socket import ALG_OP_DECRYPT
from socket import ALG_OP_ENCRYPT
from socket import ALG_OP_SIGN
from socket import ALG_OP_VERIFY
from socket import ALG_SET_AEAD_ASSOCLEN
from socket import ALG_SET_AEAD_AUTHSIZE
from socket import ALG_SET_IV
from socket import ALG_SET_KEY
from socket import ALG_SET_OP
from socket import ALG_SET_PUBKEY
from socket import BDADDR_ANY
from socket import BDADDR_LOCAL
from socket import BTPROTO_HCI
from socket import BTPROTO_L2CAP
from socket import BTPROTO_RFCOMM
from socket import BTPROTO_SCO
from socket import CAN_BCM
from socket import CAN_BCM_CAN_FD_FRAME
from socket import CAN_BCM_RX_ANNOUNCE_RESUME
from socket import CAN_BCM_RX_CHANGED
from socket import CAN_BCM_RX_CHECK_DLC
from socket import CAN_BCM_RX_DELETE
from socket import CAN_BCM_RX_FILTER_ID
from socket import CAN_BCM_RX_NO_AUTOTIMER
from socket import CAN_BCM_RX_READ
from socket import CAN_BCM_RX_RTR_FRAME
from socket import CAN_BCM_RX_SETUP
```

```
from socket import CAN_BCM_RX_STATUS
from socket import CAN_BCM_RX_TIMEOUT
from socket import CAN_BCM_SETTIMER
from socket import CAN_BCM_STARTTIMER
from socket import CAN_BCM_TX_ANNOUNCE
from socket import CAN_BCM_TX_COUNT EVT
from socket import CAN_BCM_TX_CP_CAN_ID
from socket import CAN_BCM_TX_DELETE
from socket import CAN_BCM_TX_EXPIRED
from socket import CAN_BCM_TX_READ
from socket import CAN_BCM_TX_RESET_MULTI_IDX
from socket import CAN_BCM_TX_SEND
from socket import CAN_BCM_TX_SETUP
from socket import CAN_BCM_TX_STATUS
from socket import CAN_EFF_FLAG
from socket import CAN_EFF_MASK
from socket import CAN_ERR_FLAG
from socket import CAN_ERR_MASK
from socket import CAN_ISOTP
from socket import CAN_J1939
from socket import CAN_RAW
from socket import CAN_RAW_FD_FRAMES
from socket import CAN_RAW_FILTER
from socket import CAN_RAW_JOIN_FILTERS
from socket import CAN_RAW_LOOPBACK
from socket import CAN_RAW_RECV_OWN_MSGS
from socket import CAN_RTR_FLAG
from socket import CAN_SFF_MASK
from socket import CAPI
from socket import EAI_ADDRFAMILY
from socket import EAI_AGAIN
from socket import EAI_BADFLAGS
from socket import EAI_FAIL
from socket import EAI_FAMILY
from socket import EAI_MEMORY
from socket import EAI_NODATA
from socket import EAI_NONAME
from socket import EAI_OVERFLOW
from socket import EAI_SERVICE
from socket import EAI_SOCKTYPE
from socket import EAI_SYSTEM
from socket import ETH_P_ALL
from socket import ETHERTYPE_ARP
from socket import ETHERTYPE_IP
from socket import ETHERTYPE_IPV6
from socket import ETHERTYPE_VLAN
from socket import has_ipv6
from socket import HCI_DATA_DIR
from socket import HCI_FILTER
from socket import HCI_TIME_STAMP
from socket import INADDR_ALLHOSTS_GROUP
from socket import INADDR_ANY
from socket import INADDR_BROADCAST
from socket import INADDR_LOOPBACK
from socket import INADDR_MAX_LOCAL_GROUP
from socket import INADDR_NONE
from socket import INADDR_UNSPEC_GROUP
from socket import IOCTL_VM_SOCKETS_GET_LOCAL_CID
from socket import IP_ADD_MEMBERSHIP
from socket import IP_ADD_SOURCE_MEMBERSHIP
from socket import IP_BIND_ADDRESS_NO_PORT
from socket import IP_BLOCK_SOURCE
```

```
from socket import IP_DEFAULT_MULTICAST_LOOP
from socket import IP_DEFAULT_MULTICAST_TTL
from socket import IP_DROP_MEMBERSHIP
from socket import IP_DROP_SOURCE_MEMBERSHIP
from socket import IP_HDRINCL
from socket import IP_MAX_MEMBERSHIPS
from socket import IP_MULTICAST_IF
from socket import IP_MULTICAST_LOOP
from socket import IP_MULTICAST_TTL
from socket import IP_OPTIONS
from socket import IP_PKTINFO
from socket import IP_RECVOPTS
from socket import IP_RECVRETOPTS
from socket import IP_RECVTOS
from socket import IP_RETOPTS
from socket import IP_TOS
from socket import IP_TRANSPARENT
from socket import IP_TTL
from socket import IP_UNBLOCK_SOURCE
from socket import IPPORT_RESERVED
from socket import IPPORT_USERRESERVED
from socket import IPPROTO_AH
from socket import IPPROTO_DSTOPTS
from socket import IPPROTO_EGP
from socket import IPPROTO_ESP
from socket import IPPROTO_FRAGMENT
from socket import IPPROTO_GRE
from socket import IPPROTO_HOPOPTS
from socket import IPPROTO_ICMP
from socket import IPPROTO_ICMPV6
from socket import IPPROTO_IDP
from socket import IPPROTO_IGMP
from socket import IPPROTO_IP
from socket import IPPROTO_IPIP
from socket import IPPROTO_IPV6
from socket import IPPROTO_MPTCP
from socket import IPPROTO_NONE
from socket import IPPROTO_PIM
from socket import IPPROTO_PUP
from socket import IPPROTO_RAW
from socket import IPPROTO_ROUTING
from socket import IPPROTO_RSVP
from socket import IPPROTO_SCTP
from socket import IPPROTO_TCP
from socket import IPPROTO_TP
from socket import IPPROTO_UDP
from socket import IPPROTO_UDPLITE
from socket import IPV6_CHECKSUM
from socket import IPV6_DONTFRAG
from socket import IPV6_DSTOPTS
from socket import IPV6_HOPLIMIT
from socket import IPV6_HOPOPTS
from socket import IPV6_JOIN_GROUP
from socket import IPV6_LEAVE_GROUP
from socket import IPV6_MULTICAST_HOPS
from socket import IPV6_MULTICAST_IF
from socket import IPV6_MULTICAST_LOOP
from socket import IPV6_NEXTHOP
from socket import IPV6_PATHMTU
from socket import IPV6_PKTINFO
from socket import IPV6_RECVDSTOPTS
from socket import IPV6_RECVHOPLIMIT
```

```
from socket import IPV6_RECVHOPOPTS
from socket import IPV6_RECVPATHMTU
from socket import IPV6_RECVPKTINFO
from socket import IPV6_RECVRTHDR
from socket import IPV6_RECVTCLASS
from socket import IPV6_RTHDR
from socket import IPV6_RTHDR_TYPE_0
from socket import IPV6_RTHDRDSTOPTS
from socket import IPV6_TCLASS
from socket import IPV6_UNICAST_HOPS
from socket import IPV6_V6ONLY
from socket import J1939_EE_INFO_NONE
from socket import J1939_EE_INFO_TX_ABORT
from socket import J1939_FILTER_MAX
from socket import J1939_IDLE_ADDR
from socket import J1939_MAX_UNICAST_ADDR
from socket import J1939_NLA_BYTES_ACKED
from socket import J1939_NLA_PAD
from socket import J1939_NO_ADDR
from socket import J1939_NO_NAME
from socket import J1939_NO_PGN
from socket import J1939_PGN_ADDRESS_CLAIMED
from socket import J1939_PGN_ADDRESS_COMMANDED
from socket import J1939_PGN_MAX
from socket import J1939_PGN_PDU1_MAX
from socket import J1939_PGN_REQUEST
from socket import MSG_CMSG_CLOEXEC
from socket import MSG_CONFIRM
from socket import MSG_CTRUNC
from socket import MSG_DONTROUTE
from socket import MSG_DONTWAIT
from socket import MSG_EOR
from socket import MSG_ERRQUEUE
from socket import MSG_FASTOPEN
from socket import MSG_MORE
from socket import MSG_NOSIGNAL
from socket import MSG_OOB
from socket import MSG_PEEK
from socket import MSG_TRUNC
from socket import MSG_WAITALL
from socket import NETLINK_CRYPT0
from socket import NETLINK_DNRTMSG
from socket import NETLINK_FIREWALL
from socket import NETLINK_IP6_FW
from socket import NETLINK_NFLOG
from socket import NETLINK_ROUTE
from socket import NETLINK_USERSOCK
from socket import NETLINK_XFRM
from socket import NI_DGRAM
from socket import NI_MAXHOST
from socket import NI_MAXSERV
from socket import NI_NAMEREQD
from socket import NI_NOFQDN
from socket import NI_NUMERICHOST
from socket import NI_NUMERICSERV
from socket import PACKET_BROADCAST
from socket import PACKET_FASTROUTE
from socket import PACKET_HOST
from socket import PACKET_LOOPBACK
from socket import PACKET_MULTICAST
from socket import PACKET_OTHERHOST
from socket import PACKET_OUTGOING
```

```
from socket import PF_CAN
from socket import PF_PACKET
from socket import PF_RDS
from socket import SCM_CREDENTIALS
from socket import SCM_J1939_DEST_ADDR
from socket import SCM_J1939_DEST_NAME
from socket import SCM_J1939_ERRQUEUE
from socket import SCM_J1939_PRIO
from socket import SCM_RIGHTS
from socket import SHUT_RD
from socket import SHUT_RDWR
from socket import SHUT_WR
from socket import SO_ACCEPTCONN
from socket import SO_BINDTODEVICE
from socket import SO_BROADCAST
from socket import SO_DEBUG
from socket import SO_DOMAIN
from socket import SO_DONTROUTE
from socket import SO_ERROR
from socket import SO_INCOMING_CPU
from socket import SO_J1939_ERRQUEUE
from socket import SO_J1939_FILTER
from socket import SO_J1939_PROMISC
from socket import SO_J1939_SEND_PRIO
from socket import SO_KEEPALIVE
from socket import SO_LINGER
from socket import SO_MARK
from socket import SO_OOBINLINE
from socket import SO_PASSCRED
from socket import SO_PASSSEC
from socket import SO_PEERCREC
from socket import SO_PEERSEC
from socket import SO_PRIORITY
from socket import SO_PROTOCOL
from socket import SO_RCVBUF
from socket import SO_RCVLOWAT
from socket import SO_RCVTIMEO
from socket import SO_REUSEADDR
from socket import SO_REUSEPORT
from socket import SO_SNDBUF
from socket import SO_SNDLOWAT
from socket import SO_SNDTIMEO
from socket import SO_TYPE
from socket import SO_VM_SOCKETS_BUFFER_MAX_SIZE
from socket import SO_VM_SOCKETS_BUFFER_MIN_SIZE
from socket import SO_VM_SOCKETS_BUFFER_SIZE
from socket import SOCK_CLOEXEC
from socket import SOCK_DGRAM
from socket import SOCK_NONBLOCK
from socket import SOCK_RAW
from socket import SOCK_RDM
from socket import SOCK_SEQPACKET
from socket import SOCK_STREAM
from socket import SOL_ALG
from socket import SOL_CAN_BASE
from socket import SOL_CAN_RAW
from socket import SOL_HCI
from socket import SOL_IP
from socket import SOL_RDS
from socket import SOL_SOCKET
from socket import SOL_TCP
from socket import SOL_TIPC
```

```
from socket import SOL_UDP
from socket import SOMAXCONN
from socket import TCP_CC_INFO
from socket import TCP_CONGESTION
from socket import TCP_CORK
from socket import TCP_DEFER_ACCEPT
from socket import TCP_FASTOPEN
from socket import TCP_FASTOPEN_CONNECT
from socket import TCP_FASTOPEN_KEY
from socket import TCP_FASTOPEN_NO_COOKIE
from socket import TCP_INFO
from socket import TCP_INQ
from socket import TCP_KEEPCNT
from socket import TCP_KEEPIDLE
from socket import TCP_KEEPINTVL
from socket import TCP_LINGER2
from socket import TCP_MAXSEG
from socket import TCP_MD5SIG
from socket import TCP_MD5SIG_EXT
from socket import TCP_NODELAY
from socket import TCP_NOTSENT_LOWAT
from socket import TCP_QUEUE_SEQ
from socket import TCP_QUICKACK
from socket import TCP_REPAIR
from socket import TCP_REPAIR_OPTIONS
from socket import TCP_REPAIR_QUEUE
from socket import TCP_REPAIR_WINDOW
from socket import TCP_SAVE_SYN
from socket import TCP_SAVED_SYN
from socket import TCP_SYNCNT
from socket import TCP_THIN_DUPACK
from socket import TCP_THIN_LINEAR_TIMEOUTS
from socket import TCP_TIMESTAMP
from socket import TCP_TX_DELAY
from socket import TCP_ULP
from socket import TCP_USER_TIMEOUT
from socket import TCP_WINDOW_CLAMP
from socket import TCP_ZEROCOPY_RECEIVE
from socket import TIPC_ADDR_ID
from socket import TIPC_ADDR_NAME
from socket import TIPC_ADDR_NAMESEQ
from socket import TIPC_CFG_SRV
from socket import TIPC_CLUSTER_SCOPE
from socket import TIPC_CONN_TIMEOUT
from socket import TIPC_CRITICAL_IMPORTANCE
from socket import TIPC_DEST_DROPPABLE
from socket import TIPC_HIGH_IMPORTANCE
from socket import TIPC_IMPORTANCE
from socket import TIPC_LOW_IMPORTANCE
from socket import TIPC_MEDIUM_IMPORTANCE
from socket import TIPC_NODE_SCOPE
from socket import TIPC_PUBLISHED
from socket import TIPC_SRC_DROPPABLE
from socket import TIPC_SUB_CANCEL
from socket import TIPC_SUB_PORTS
from socket import TIPC_SUB_SERVICE
from socket import TIPC_SUBSCR_TIMEOUT
from socket import TIPC_TOP_SRV
from socket import TIPC_WAIT_FOREVER
from socket import TIPC_WITHDRAWN
from socket import TIPC_ZONE_SCOPE
from socket import UDPLITE_RECV_CSCOV
```

```
from socket import UDPLITE_SEND_CSCOV
from socket import VM_SOCKETS_INVALID_VERSION
from socket import VMADDR_CID_ANY
from socket import VMADDR_CID_HOST
from socket import VMADDR_PORT_ANY
```

# socketserver

## Classes

```
[
    BaseRequestHandler,
    BaseServer,
    DatagramRequestHandler,
    ForkingMixIn,
    ForkingTCPServer,
    ForkingUDPServer,
    ForkingUnixDatagramServer,
    ForkingUnixStreamServer,
    StreamRequestHandler,
    TCPServer,
    ThreadingMixIn,
    ThreadingTCPServer,
    ThreadingUDPServer,
    ThreadingUnixDatagramServer,
    ThreadingUnixStreamServer,
    UDPServer,
    UnixDatagramServer,
    UnixStreamServer
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from socketserver import BaseRequestHandler
from socketserver import BaseServer
from socketserver import DatagramRequestHandler
from socketserver import ForkingMixIn
from socketserver import ForkingTCPServer
from socketserver import ForkingUDPServer
from socketserver import ForkingUnixDatagramServer
from socketserver import ForkingUnixStreamServer
from socketserver import StreamRequestHandler
from socketserver import TCPServer
from socketserver import ThreadingMixIn
from socketserver import ThreadingTCPServer
from socketserver import ThreadingUDPServer
from socketserver import ThreadingUnixDatagramServer
from socketserver import ThreadingUnixStreamServer
from socketserver import UDPServer
from socketserver import UnixDatagramServer
from socketserver import UnixStreamServer
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```



# spwd

## Classes

```
[  
    struct_spwd  
]
```

## Functions

```
[  
    getspall,  
    getsppam  
]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from spwd import struct_spwd
```

### # Functions

```
from spwd import getspall
```

```
from spwd import getsppam
```

### # Sentinels / Constants / Objects

```
(none)
```

# sqlite3

## Classes

```
[
    Binary,
    Blob,
    Connection,
    Cursor,
    DatabaseError,
    DataError,
    Date,
    Error,
    IntegrityError,
    InterfaceError,
    InternalError,
    NotSupportedError,
    OperationalError,
    PrepareProtocol,
    ProgrammingError,
    Row,
    Time,
    Timestamp,
    Warning
]
```

## Functions

```
[
    adapt,
    complete_statement,
    connect,
    DateFromTicks,
    enable_callback_tracebacks,
    register_adapter,
    register_converter,
    TimeFromTicks,
    TimestampFromTicks
]
```

## Sentinels / Constants / Objects

```
[
    adapters,
    apilevel,
    converters,
    LEGACY_TRANSACTION_CONTROL,
    paramstyle,
    PARSE_COLNAMES,
    PARSE_DECLTYPES,
    SQLITE_ABORT,
    SQLITE_ABORT_ROLLBACK,
    SQLITE_ALTER_TABLE,
    SQLITE_ANALYZE,
    SQLITE_ATTACH,
    SQLITE_AUTH,
    SQLITE_AUTH_USER,
    SQLITE_BUSY,
    SQLITE_BUSY_RECOVERY,
    SQLITE_BUSY_SNAPSHOT,
    SQLITE_BUSY_TIMEOUT,
    SQLITE_CANTOPEN,
    SQLITE_CANTOPEN_CONVPATH,

```

SQLITE\_CANTOPEN\_DIRTYWAL,  
SQLITE\_CANTOPEN\_FULLPATH,  
SQLITE\_CANTOPEN\_ISDIR,  
SQLITE\_CANTOPEN\_NOTEMPDIR,  
SQLITE\_CANTOPEN\_SYMLINK,  
SQLITE\_CONSTRAINT,  
SQLITE\_CONSTRAINT\_CHECK,  
SQLITE\_CONSTRAINT\_COMMITHOOK,  
SQLITE\_CONSTRAINT\_FOREIGNKEY,  
SQLITE\_CONSTRAINT\_FUNCTION,  
SQLITE\_CONSTRAINT\_NOTNULL,  
SQLITE\_CONSTRAINT\_PINNED,  
SQLITE\_CONSTRAINT\_PRIMARYKEY,  
SQLITE\_CONSTRAINT\_ROWID,  
SQLITE\_CONSTRAINT\_TRIGGER,  
SQLITE\_CONSTRAINT\_UNIQUE,  
SQLITE\_CONSTRAINT\_VTAB,  
SQLITE\_CORRUPT,  
SQLITE\_CORRUPT\_INDEX,  
SQLITE\_CORRUPT\_SEQUENCE,  
SQLITE\_CORRUPT\_VTAB,  
SQLITE\_CREATE\_INDEX,  
SQLITE\_CREATE\_TABLE,  
SQLITE\_CREATE\_TEMP\_INDEX,  
SQLITE\_CREATE\_TEMP\_TABLE,  
SQLITE\_CREATE\_TEMP\_TRIGGER,  
SQLITE\_CREATE\_TEMP\_VIEW,  
SQLITE\_CREATE\_TRIGGER,  
SQLITE\_CREATE\_VIEW,  
SQLITE\_CREATE\_VTABLE,  
SQLITE\_DBCONFIG\_DEFENSIVE,  
SQLITE\_DBCONFIG\_DQS\_DDL,  
SQLITE\_DBCONFIG\_DQS\_DML,  
SQLITE\_DBCONFIG\_ENABLE\_FKEY,  
SQLITE\_DBCONFIG\_ENABLE\_FTS3\_TOKENIZER,  
SQLITE\_DBCONFIG\_ENABLE\_LOAD\_EXTENSION,  
SQLITE\_DBCONFIG\_ENABLE\_QPSG,  
SQLITE\_DBCONFIG\_ENABLE\_TRIGGER,  
SQLITE\_DBCONFIG\_ENABLE\_VIEW,  
SQLITE\_DBCONFIG\_LEGACY\_ALTER\_TABLE,  
SQLITE\_DBCONFIG\_LEGACY\_FILE\_FORMAT,  
SQLITE\_DBCONFIG\_NO\_CKPT\_ON\_CLOSE,  
SQLITE\_DBCONFIG\_RESET\_DATABASE,  
SQLITE\_DBCONFIG\_TRIGGER\_EQP,  
SQLITE\_DBCONFIG\_TRUSTED\_SCHEMA,  
SQLITE\_DBCONFIG\_WRITABLE\_SCHEMA,  
SQLITE\_DELETE,  
SQLITE\_DENY,  
SQLITE\_DETACH,  
SQLITE\_DONE,  
SQLITE\_DROP\_INDEX,  
SQLITE\_DROP\_TABLE,  
SQLITE\_DROP\_TEMP\_INDEX,  
SQLITE\_DROP\_TEMP\_TABLE,  
SQLITE\_DROP\_TEMP\_TRIGGER,  
SQLITE\_DROP\_TEMP\_VIEW,  
SQLITE\_DROP\_TRIGGER,  
SQLITE\_DROP\_VIEW,  
SQLITE\_DROP\_VTABLE,  
SQLITE\_EMPTY,  
SQLITE\_ERROR,  
SQLITE\_ERROR\_MISSING\_COLLSEQ,

SQLITE\_ERROR\_RETRY,  
SQLITE\_ERROR\_SNAPSHOT,  
SQLITE\_FORMAT,  
SQLITE\_FULL,  
SQLITE\_FUNCTION,  
SQLITE\_IGNORE,  
SQLITE\_INSERT,  
SQLITE\_INTERNAL,  
SQLITE\_INTERRUPT,  
SQLITE\_IOERR,  
SQLITE\_IOERR\_ACCESS,  
SQLITE\_IOERR\_AUTH,  
SQLITE\_IOERR\_BEGIN\_ATOMIC,  
SQLITE\_IOERR\_BLOCKED,  
SQLITE\_IOERR\_CHECKRESERVEDLOCK,  
SQLITE\_IOERR\_CLOSE,  
SQLITE\_IOERR\_COMMIT\_ATOMIC,  
SQLITE\_IOERR\_CONVPATH,  
SQLITE\_IOERR\_CORRUPTFS,  
SQLITE\_IOERR\_DATA,  
SQLITE\_IOERR\_DELETE,  
SQLITE\_IOERR\_DELETE\_NOENT,  
SQLITE\_IOERR\_DIR\_CLOSE,  
SQLITE\_IOERR\_DIR\_FSYNC,  
SQLITE\_IOERR\_FSTAT,  
SQLITE\_IOERR\_FSYNC,  
SQLITE\_IOERR\_GETTEMPPATH,  
SQLITE\_IOERR\_LOCK,  
SQLITE\_IOERR\_MMAP,  
SQLITE\_IOERR\_NOMEM,  
SQLITE\_IOERR\_RDLOCK,  
SQLITE\_IOERR\_READ,  
SQLITE\_IOERR\_ROLLBACK\_ATOMIC,  
SQLITE\_IOERR\_SEEK,  
SQLITE\_IOERR\_SHMLOCK,  
SQLITE\_IOERR\_SHMMAP,  
SQLITE\_IOERR\_SHMOPEN,  
SQLITE\_IOERR\_SHMSIZE,  
SQLITE\_IOERR\_SHORT\_READ,  
SQLITE\_IOERR\_TRUNCATE,  
SQLITE\_IOERR\_UNLOCK,  
SQLITE\_IOERR\_VNODE,  
SQLITE\_IOERR\_WRITE,  
SQLITE\_LIMIT\_ATTACHED,  
SQLITE\_LIMIT\_COLUMN,  
SQLITE\_LIMIT\_COMPOUND\_SELECT,  
SQLITE\_LIMIT\_EXPR\_DEPTH,  
SQLITE\_LIMIT\_FUNCTION\_ARG,  
SQLITE\_LIMIT\_LENGTH,  
SQLITE\_LIMIT LIKE\_PATTERN\_LENGTH,  
SQLITE\_LIMIT\_SQL\_LENGTH,  
SQLITE\_LIMIT\_TRIGGER\_DEPTH,  
SQLITE\_LIMIT\_VARIABLE\_NUMBER,  
SQLITE\_LIMIT\_VDBE\_OP,  
SQLITE\_LIMIT\_WORKER\_THREADS,  
SQLITE\_LOCKED,  
SQLITE\_LOCKED\_SHARED\_CACHE,  
SQLITE\_LOCKED\_VTAB,  
SQLITE\_MISMATCH,  
SQLITE\_MISUSE,  
SQLITE\_NOLFS,  
SQLITE\_NOMEM,

```

SQLITE_NOTADB,
SQLITE_NOTFOUND,
SQLITE_NOTICE,
SQLITE_NOTICE_RECOVER_ROLLBACK,
SQLITE_NOTICE_RECOVER_WAL,
SQLITE_OK,
SQLITE_OK_LOAD_PERMANENTLY,
SQLITE_OK_SYMLINK,
SQLITE_PERM,
SQLITE_PRAGMA,
SQLITE_PROTOCOL,
SQLITE_RANGE,
SQLITE_READ,
SQLITE_READONLY,
SQLITE_READONLY_CANTINIT,
SQLITE_READONLY_CANTLOCK,
SQLITE_READONLY_DBMOVED,
SQLITE_READONLY_DIRECTORY,
SQLITE_READONLY_RECOVERY,
SQLITE_READONLY_ROLLBACK,
SQLITE_RECURSIVE,
SQLITE_REINDEX,
SQLITE_ROW,
SQLITE_SAVEPOINT,
SQLITE_SCHEMA,
SQLITE_SELECT,
SQLITE_TOOBIG,
SQLITE_TRANSACTION,
SQLITE_UPDATE,
sqlite_version,
sqlite_version_info,
SQLITE_WARNING,
SQLITE_WARNING_AUTOINDEX,
threadsafety
]

```

## Import statements

### # Classes

```

from sqlite3 import Binary
from sqlite3 import Blob
from sqlite3 import Connection
from sqlite3 import Cursor
from sqlite3 import DatabaseError
from sqlite3 import DataError
from sqlite3 import Date
from sqlite3 import Error
from sqlite3 import IntegrityError
from sqlite3 import InterfaceError
from sqlite3 import InternalError
from sqlite3 import NotSupportedError
from sqlite3 import OperationalError
from sqlite3 import PrepareProtocol
from sqlite3 import ProgrammingError
from sqlite3 import Row
from sqlite3 import Time
from sqlite3 import Timestamp
from sqlite3 import Warning

```

### # Functions

```

from sqlite3 import adapt
from sqlite3 import complete_statement
from sqlite3 import connect

```

```
from sqlite3 import DateFromTicks
from sqlite3 import enable_callback_tracebacks
from sqlite3 import register_adapter
from sqlite3 import register_converter
from sqlite3 import TimeFromTicks
from sqlite3 import TimestampFromTicks
```

### **# Sentinels / Constants / Objects**

```
from sqlite3 import adapters
from sqlite3 import apilevel
from sqlite3 import converters
from sqlite3 import LEGACY_TRANSACTION_CONTROL
from sqlite3 import paramstyle
from sqlite3 import PARSE_COLNAMES
from sqlite3 import PARSE_DECLTYPES
from sqlite3 import SQLITE_ABORT
from sqlite3 import SQLITE_ABORT_ROLLBACK
from sqlite3 import SQLITE_ALTER_TABLE
from sqlite3 import SQLITE_ANALYZE
from sqlite3 import SQLITE_ATTACH
from sqlite3 import SQLITE_AUTH
from sqlite3 import SQLITE_AUTH_USER
from sqlite3 import SQLITE_BUSY
from sqlite3 import SQLITE_BUSY_RECOVERY
from sqlite3 import SQLITE_BUSY_SNAPSHOT
from sqlite3 import SQLITE_BUSY_TIMEOUT
from sqlite3 import SQLITE_CANTOPEN
from sqlite3 import SQLITE_CANTOPEN_CONVPATH
from sqlite3 import SQLITE_CANTOPEN_DIRTYWAL
from sqlite3 import SQLITE_CANTOPEN_FULLPATH
from sqlite3 import SQLITE_CANTOPEN_ISDIR
from sqlite3 import SQLITE_CANTOPEN_NOTEMPDIR
from sqlite3 import SQLITE_CANTOPEN_SYMLINK
from sqlite3 import SQLITE_CONSTRAINT
from sqlite3 import SQLITE_CONSTRAINT_CHECK
from sqlite3 import SQLITE_CONSTRAINT_COMMITHOOK
from sqlite3 import SQLITE_CONSTRAINT_FOREIGNKEY
from sqlite3 import SQLITE_CONSTRAINT_FUNCTION
from sqlite3 import SQLITE_CONSTRAINT_NOTNULL
from sqlite3 import SQLITE_CONSTRAINT_PINNED
from sqlite3 import SQLITE_CONSTRAINT_PRIMARYKEY
from sqlite3 import SQLITE_CONSTRAINT_ROWID
from sqlite3 import SQLITE_CONSTRAINT_TRIGGER
from sqlite3 import SQLITE_CONSTRAINT_UNIQUE
from sqlite3 import SQLITE_CONSTRAINT_VTAB
from sqlite3 import SQLITE_CORRUPT
from sqlite3 import SQLITE_CORRUPT_INDEX
from sqlite3 import SQLITE_CORRUPT_SEQUENCE
from sqlite3 import SQLITE_CORRUPT_VTAB
from sqlite3 import SQLITE_CREATE_INDEX
from sqlite3 import SQLITE_CREATE_TABLE
from sqlite3 import SQLITE_CREATE_TEMP_INDEX
from sqlite3 import SQLITE_CREATE_TEMP_TABLE
from sqlite3 import SQLITE_CREATE_TEMP_TRIGGER
from sqlite3 import SQLITE_CREATE_TEMP_VIEW
from sqlite3 import SQLITE_CREATE_TRIGGER
from sqlite3 import SQLITE_CREATE_VIEW
from sqlite3 import SQLITE_CREATE_VTABLE
from sqlite3 import SQLITE_DBCONFIG_DEFENSIVE
from sqlite3 import SQLITE_DBCONFIG_DQS_DDL
from sqlite3 import SQLITE_DBCONFIG_DQS_DML
from sqlite3 import SQLITE_DBCONFIG_ENABLE_FKEY
from sqlite3 import SQLITE_DBCONFIG_ENABLE_FTS3_TOKENIZER
```

```
from sqlite3 import SQLITE_DBCONFIG_ENABLE_LOAD_EXTENSION
from sqlite3 import SQLITE_DBCONFIG_ENABLE_QPSG
from sqlite3 import SQLITE_DBCONFIG_ENABLE_TRIGGER
from sqlite3 import SQLITE_DBCONFIG_ENABLE_VIEW
from sqlite3 import SQLITE_DBCONFIG_LEGACY_ALTER_TABLE
from sqlite3 import SQLITE_DBCONFIG_LEGACY_FILE_FORMAT
from sqlite3 import SQLITE_DBCONFIG_NO_CKPT_ON_CLOSE
from sqlite3 import SQLITE_DBCONFIG_RESET_DATABASE
from sqlite3 import SQLITE_DBCONFIG_TRIGGER_EQP
from sqlite3 import SQLITE_DBCONFIG_TRUSTED_SCHEMA
from sqlite3 import SQLITE_DBCONFIG_WRITABLE_SCHEMA
from sqlite3 import SQLITE_DELETE
from sqlite3 import SQLITE_DENY
from sqlite3 import SQLITE_DETACH
from sqlite3 import SQLITE_DONE
from sqlite3 import SQLITE_DROP_INDEX
from sqlite3 import SQLITE_DROP_TABLE
from sqlite3 import SQLITE_DROP_TEMP_INDEX
from sqlite3 import SQLITE_DROP_TEMP_TABLE
from sqlite3 import SQLITE_DROP_TEMP_TRIGGER
from sqlite3 import SQLITE_DROP_TEMP_VIEW
from sqlite3 import SQLITE_DROP_TRIGGER
from sqlite3 import SQLITE_DROP_VIEW
from sqlite3 import SQLITE_DROP_VTABLE
from sqlite3 import SQLITE_EMPTY
from sqlite3 import SQLITE_ERROR
from sqlite3 import SQLITE_ERROR_MISSING_COLLSEQ
from sqlite3 import SQLITE_ERROR_RETRY
from sqlite3 import SQLITE_ERROR_SNAPSHOT
from sqlite3 import SQLITE_FORMAT
from sqlite3 import SQLITE_FULL
from sqlite3 import SQLITE_FUNCTION
from sqlite3 import SQLITE_IGNORE
from sqlite3 import SQLITE_INSERT
from sqlite3 import SQLITE_INTERNAL
from sqlite3 import SQLITE_INTERRUPT
from sqlite3 import SQLITE_IOERR
from sqlite3 import SQLITE_IOERR_ACCESS
from sqlite3 import SQLITE_IOERR_AUTH
from sqlite3 import SQLITE_IOERR_BEGIN_ATOMIC
from sqlite3 import SQLITE_IOERR_BLOCKED
from sqlite3 import SQLITE_IOERR_CHECKRESERVEDLOCK
from sqlite3 import SQLITE_IOERR_CLOSE
from sqlite3 import SQLITE_IOERR_COMMIT_ATOMIC
from sqlite3 import SQLITE_IOERR_CONVPATH
from sqlite3 import SQLITE_IOERR_CORRUPTFS
from sqlite3 import SQLITE_IOERR_DATA
from sqlite3 import SQLITE_IOERR_DELETE
from sqlite3 import SQLITE_IOERR_DELETE_NOENT
from sqlite3 import SQLITE_IOERR_DIR_CLOSE
from sqlite3 import SQLITE_IOERR_DIR_FSYNC
from sqlite3 import SQLITE_IOERR_FSTAT
from sqlite3 import SQLITE_IOERR_FSYNC
from sqlite3 import SQLITE_IOERR_GETTEMPPATH
from sqlite3 import SQLITE_IOERR_LOCK
from sqlite3 import SQLITE_IOERR_MMAP
from sqlite3 import SQLITE_IOERR_NOMEM
from sqlite3 import SQLITE_IOERR_RDLOCK
from sqlite3 import SQLITE_IOERR_READ
from sqlite3 import SQLITE_IOERR_ROLLBACK_ATOMIC
from sqlite3 import SQLITE_IOERR_SEEK
from sqlite3 import SQLITE_IOERR_SHMLOCK
```

```
from sqlite3 import SQLITE_IOERR_SHMMAP
from sqlite3 import SQLITE_IOERR_SHMOPEN
from sqlite3 import SQLITE_IOERR_SHMSIZE
from sqlite3 import SQLITE_IOERR_SHORT_READ
from sqlite3 import SQLITE_IOERR_TRUNCATE
from sqlite3 import SQLITE_IOERR_UNLOCK
from sqlite3 import SQLITE_IOERR_VNODE
from sqlite3 import SQLITE_IOERR_WRITE
from sqlite3 import SQLITE_LIMIT_ATTACHED
from sqlite3 import SQLITE_LIMIT_COLUMN
from sqlite3 import SQLITE_LIMIT_COMPOUND_SELECT
from sqlite3 import SQLITE_LIMIT_EXPR_DEPTH
from sqlite3 import SQLITE_LIMIT_FUNCTION_ARG
from sqlite3 import SQLITE_LIMIT_LENGTH
from sqlite3 import SQLITE_LIMIT LIKE_PATTERN_LENGTH
from sqlite3 import SQLITE_LIMIT_SQL_LENGTH
from sqlite3 import SQLITE_LIMIT_TRIGGER_DEPTH
from sqlite3 import SQLITE_LIMIT_VARIABLE_NUMBER
from sqlite3 import SQLITE_LIMIT_VDBE_OP
from sqlite3 import SQLITE_LIMIT_WORKER_THREADS
from sqlite3 import SQLITE_LOCKED
from sqlite3 import SQLITE_LOCKED_SHARED_CACHE
from sqlite3 import SQLITE_LOCKED_VTAB
from sqlite3 import SQLITE_MISMATCH
from sqlite3 import SQLITE_MISUSE
from sqlite3 import SQLITE_NOLFS
from sqlite3 import SQLITE_NOMEM
from sqlite3 import SQLITE_NOTADB
from sqlite3 import SQLITE_NOTFOUND
from sqlite3 import SQLITE_NOTICE
from sqlite3 import SQLITE_NOTICE_RECOVER_ROLLBACK
from sqlite3 import SQLITE_NOTICE_RECOVER_WAL
from sqlite3 import SQLITE_OK
from sqlite3 import SQLITE_OK_LOAD_PERMANENTLY
from sqlite3 import SQLITE_OK_SYMLINK
from sqlite3 import SQLITE_PERM
from sqlite3 import SQLITE_PRAGMA
from sqlite3 import SQLITE_PROTOCOL
from sqlite3 import SQLITE_RANGE
from sqlite3 import SQLITE_READ
from sqlite3 import SQLITE_READONLY
from sqlite3 import SQLITE_READONLY_CANTINIT
from sqlite3 import SQLITE_READONLY_CANTLOCK
from sqlite3 import SQLITE_READONLY_DBMOVED
from sqlite3 import SQLITE_READONLY_DIRECTORY
from sqlite3 import SQLITE_READONLY_RECOVERY
from sqlite3 import SQLITE_READONLY_ROLLBACK
from sqlite3 import SQLITE_RECURSIVE
from sqlite3 import SQLITE_REINDEX
from sqlite3 import SQLITE_ROW
from sqlite3 import SQLITE_SAVEPOINT
from sqlite3 import SQLITE_SCHEMA
from sqlite3 import SQLITE_SELECT
from sqlite3 import SQLITE_TOOBIG
from sqlite3 import SQLITE_TRANSACTION
from sqlite3 import SQLITE_UPDATE
from sqlite3 import sqlite_version
from sqlite3 import sqlite_version_info
from sqlite3 import SQLITE_WARNING
from sqlite3 import SQLITE_WARNING_AUTOINDEX
from sqlite3 import threadsafety
```





# sre\_compile

## Classes

```
[  
    error  
]
```

## Functions

```
[  
    compile,  
    dis,  
    isstring  
]
```

## Sentinels / Constants / Objects

```
[  
    ANY,  
    ANY_ALL,  
    ASSERT,  
    ASSERT_NOT,  
    AT,  
    AT_BEGINNING,  
    AT_BEGINNING_LINE,  
    AT_BEGINNING_STRING,  
    AT_BOUNDARY,  
    AT_END,  
    AT_END_LINE,  
    AT_END_STRING,  
    AT_LOC_BOUNDARY,  
    AT_LOC_NON_BOUNDARY,  
    AT_LOCALE,  
    AT_MULTILINE,  
    AT_NON_BOUNDARY,  
    AT_UNI_BOUNDARY,  
    AT_UNI_NON_BOUNDARY,  
    AT_UNICODE,  
    ATCODES,  
    ATOMIC_GROUP,  
    BIGCHARSET,  
    BRANCH,  
    CATEGORY,  
    CATEGORY_DIGIT,  
    CATEGORY_LINEBREAK,  
    CATEGORY_LOC_NOT_WORD,  
    CATEGORY_LOC_WORD,  
    CATEGORY_NOT_DIGIT,  
    CATEGORY_NOT_LINEBREAK,  
    CATEGORY_NOT_SPACE,  
    CATEGORY_NOT_WORD,  
    CATEGORY_SPACE,  
    CATEGORY_UNI_DIGIT,  
    CATEGORY_UNI_LINEBREAK,  
    CATEGORY_UNI_NOT_DIGIT,  
    CATEGORY_UNI_NOT_LINEBREAK,  
    CATEGORY_UNI_NOT_SPACE,  
    CATEGORY_UNI_NOT_WORD,  
    CATEGORY_UNI_SPACE,  
    CATEGORY_UNI_WORD,  
    CATEGORY_WORD,  
    CH_LOCALE,
```

CH\_UNICODE,  
CHARSET,  
CHCODES,  
FAILURE,  
GROUPREF,  
GROUPREF\_EXISTS,  
GROUPREF\_IGNORE,  
GROUPREF\_LOC\_IGNORE,  
GROUPREF\_UNI\_IGNORE,  
IN,  
IN\_IGNORE,  
IN\_LOC\_IGNORE,  
IN\_UNI\_IGNORE,  
INFO,  
JUMP,  
LITERAL,  
LITERAL\_IGNORE,  
LITERAL\_LOC\_IGNORE,  
LITERAL\_UNI\_IGNORE,  
MAGIC,  
MARK,  
MAX\_REPEAT,  
MAX\_UNTIL,  
MAXCODE,  
MAXGROUPS,  
MAXREPEAT,  
MIN\_REPEAT,  
MIN\_REPEAT\_ONE,  
MIN\_UNTIL,  
NEGATE,  
NOT\_LITERAL,  
NOT\_LITERAL\_IGNORE,  
NOT\_LITERAL\_LOC\_IGNORE,  
NOT\_LITERAL\_UNI\_IGNORE,  
OP\_IGNORE,  
OP\_LOCALE\_IGNORE,  
OP\_UNICODE\_IGNORE,  
OPCODES,  
POSSESSIVE\_REPEAT,  
POSSESSIVE\_REPEAT\_ONE,  
RANGE,  
RANGE\_UNI\_IGNORE,  
REPEAT,  
REPEAT\_ONE,  
SRE\_FLAG\_ASCII,  
SRE\_FLAG\_DEBUG,  
SRE\_FLAG\_DOTALL,  
SRE\_FLAG\_IGNORECASE,  
SRE\_FLAG\_LOCALE,  
SRE\_FLAG\_MULTILINE,  
SRE\_FLAG\_TEMPLATE,  
SRE\_FLAG\_UNICODE,  
SRE\_FLAG\_VERBOSE,  
SRE\_INFO\_CHARSET,  
SRE\_INFO\_LITERAL,  
SRE\_INFO\_PREFIX,  
SUBPATTERN,  
SUCCESS

]

## Import statements

## **# Classes**

```
from sre_compile import error
```

## **# Functions**

```
from sre_compile import compile
```

```
from sre_compile import dis
```

```
from sre_compile import isstring
```

## **# Sentinels / Constants / Objects**

```
from sre_compile import ANY
```

```
from sre_compile import ANY_ALL
```

```
from sre_compile import ASSERT
```

```
from sre_compile import ASSERT_NOT
```

```
from sre_compile import AT
```

```
from sre_compile import AT_BEGINNING
```

```
from sre_compile import AT_BEGINNING_LINE
```

```
from sre_compile import AT_BEGINNING_STRING
```

```
from sre_compile import AT_BOUNDARY
```

```
from sre_compile import AT_END
```

```
from sre_compile import AT_END_LINE
```

```
from sre_compile import AT_END_STRING
```

```
from sre_compile import AT_LOC_BOUNDARY
```

```
from sre_compile import AT_LOC_NON_BOUNDARY
```

```
from sre_compile import AT_LOCALE
```

```
from sre_compile import AT_MULTILINE
```

```
from sre_compile import AT_NON_BOUNDARY
```

```
from sre_compile import AT_UNI_BOUNDARY
```

```
from sre_compile import AT_UNI_NON_BOUNDARY
```

```
from sre_compile import AT_UNICODE
```

```
from sre_compile import ATCODES
```

```
from sre_compile import ATOMIC_GROUP
```

```
from sre_compile import BIGCHARSET
```

```
from sre_compile import BRANCH
```

```
from sre_compile import CATEGORY
```

```
from sre_compile import CATEGORY_DIGIT
```

```
from sre_compile import CATEGORY_LINEBREAK
```

```
from sre_compile import CATEGORY_LOC_NOT_WORD
```

```
from sre_compile import CATEGORY_LOC_WORD
```

```
from sre_compile import CATEGORY_NOT_DIGIT
```

```
from sre_compile import CATEGORY_NOT_LINEBREAK
```

```
from sre_compile import CATEGORY_NOT_SPACE
```

```
from sre_compile import CATEGORY_NOT_WORD
```

```
from sre_compile import CATEGORY_SPACE
```

```
from sre_compile import CATEGORY_UNI_DIGIT
```

```
from sre_compile import CATEGORY_UNI_LINEBREAK
```

```
from sre_compile import CATEGORY_UNI_NOT_DIGIT
```

```
from sre_compile import CATEGORY_UNI_NOT_LINEBREAK
```

```
from sre_compile import CATEGORY_UNI_NOT_SPACE
```

```
from sre_compile import CATEGORY_UNI_NOT_WORD
```

```
from sre_compile import CATEGORY_UNI_SPACE
```

```
from sre_compile import CATEGORY_UNI_WORD
```

```
from sre_compile import CATEGORY_WORD
```

```
from sre_compile import CH_LOCALE
```

```
from sre_compile import CH_UNICODE
```

```
from sre_compile import CHARSET
```

```
from sre_compile import CHCODES
```

```
from sre_compile import FAILURE
```

```
from sre_compile import GROUPREF
```

```
from sre_compile import GROUPREF_EXISTS
```

```
from sre_compile import GROUPREF_IGNORE
```

```
from sre_compile import GROUPREF_LOC_IGNORE
```

```
from sre_compile import GROUPREF_UNI_IGNORE
```

```
from sre_compile import IN
```

```
from sre_compile import IN_IGNORE
```

```
from sre_compile import IN_LOC_IGNORE
from sre_compile import IN_UNI_IGNORE
from sre_compile import INFO
from sre_compile import JUMP
from sre_compile import LITERAL
from sre_compile import LITERAL_IGNORE
from sre_compile import LITERAL_LOC_IGNORE
from sre_compile import LITERAL_UNI_IGNORE
from sre_compile import MAGIC
from sre_compile import MARK
from sre_compile import MAX_REPEAT
from sre_compile import MAX_UNTIL
from sre_compile import MAXCODE
from sre_compile import MAXGROUPS
from sre_compile import MAXREPEAT
from sre_compile import MIN_REPEAT
from sre_compile import MIN_REPEAT_ONE
from sre_compile import MIN_UNTIL
from sre_compile import NEGATE
from sre_compile import NOT_LITERAL
from sre_compile import NOT_LITERAL_IGNORE
from sre_compile import NOT_LITERAL_LOC_IGNORE
from sre_compile import NOT_LITERAL_UNI_IGNORE
from sre_compile import OP_IGNORE
from sre_compile import OP_LOCALE_IGNORE
from sre_compile import OP_UNICODE_IGNORE
from sre_compile import OPCODES
from sre_compile import POSSESSIVE_REPEAT
from sre_compile import POSSESSIVE_REPEAT_ONE
from sre_compile import RANGE
from sre_compile import RANGE_UNI_IGNORE
from sre_compile import REPEAT
from sre_compile import REPEAT_ONE
from sre_compile import SRE_FLAG_ASCII
from sre_compile import SRE_FLAG_DEBUG
from sre_compile import SRE_FLAG_DOTALL
from sre_compile import SRE_FLAG_IGNORECASE
from sre_compile import SRE_FLAG_LOCALE
from sre_compile import SRE_FLAG_MULTILINE
from sre_compile import SRE_FLAG_TEMPLATE
from sre_compile import SRE_FLAG_UNICODE
from sre_compile import SRE_FLAG_VERBOSE
from sre_compile import SRE_INFO_CHARSET
from sre_compile import SRE_INFO_LITERAL
from sre_compile import SRE_INFO_PREFIX
from sre_compile import SUBPATTERN
from sre_compile import SUCCESS
```

# sre\_constants

## Classes

```
[
    error
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[
    ANY,
    ANY_ALL,
    ASSERT,
    ASSERT_NOT,
    AT,
    AT_BEGINNING,
    AT_BEGINNING_LINE,
    AT_BEGINNING_STRING,
    AT_BOUNDARY,
    AT_END,
    AT_END_LINE,
    AT_END_STRING,
    AT_LOC_BOUNDARY,
    AT_LOC_NON_BOUNDARY,
    AT_LOCALE,
    AT_MULTILINE,
    AT_NON_BOUNDARY,
    AT_UNI_BOUNDARY,
    AT_UNI_NON_BOUNDARY,
    AT_UNICODE,
    ATCODES,
    ATOMIC_GROUP,
    BIGCHARSET,
    BRANCH,
    CATEGORY,
    CATEGORY_DIGIT,
    CATEGORY_LINEBREAK,
    CATEGORY_LOC_NOT_WORD,
    CATEGORY_LOC_WORD,
    CATEGORY_NOT_DIGIT,
    CATEGORY_NOT_LINEBREAK,
    CATEGORY_NOT_SPACE,
    CATEGORY_NOT_WORD,
    CATEGORY_SPACE,
    CATEGORY_UNI_DIGIT,
    CATEGORY_UNI_LINEBREAK,
    CATEGORY_UNI_NOT_DIGIT,
    CATEGORY_UNI_NOT_LINEBREAK,
    CATEGORY_UNI_NOT_SPACE,
    CATEGORY_UNI_NOT_WORD,
    CATEGORY_UNI_SPACE,
    CATEGORY_UNI_WORD,
    CATEGORY_WORD,
    CH_LOCALE,
    CH_UNICODE,
    CHARSET,
    CHCODES,
    FAILURE,
```

```

GROUPREF,
GROUPREF_EXISTS,
GROUPREF_IGNORE,
GROUPREF_LOC_IGNORE,
GROUPREF_UNI_IGNORE,
IN,
IN_IGNORE,
IN_LOC_IGNORE,
IN_UNI_IGNORE,
INFO,
JUMP,
LITERAL,
LITERAL_IGNORE,
LITERAL_LOC_IGNORE,
LITERAL_UNI_IGNORE,
MAGIC,
MARK,
MAX_REPEAT,
MAX_UNTIL,
MAXGROUPS,
MAXREPEAT,
MIN_REPEAT,
MIN_REPEAT_ONE,
MIN_UNTIL,
NEGATE,
NOT_LITERAL,
NOT_LITERAL_IGNORE,
NOT_LITERAL_LOC_IGNORE,
NOT_LITERAL_UNI_IGNORE,
OP_IGNORE,
OP_LOCALE_IGNORE,
OP_UNICODE_IGNORE,
OPCODES,
POSSESSIVE_REPEAT,
POSSESSIVE_REPEAT_ONE,
RANGE,
RANGE_UNI_IGNORE,
REPEAT,
REPEAT_ONE,
SRE_FLAG_ASCII,
SRE_FLAG_DEBUG,
SRE_FLAG_DOTALL,
SRE_FLAG_IGNORECASE,
SRE_FLAG_LOCALE,
SRE_FLAG_MULTILINE,
SRE_FLAG_TEMPLATE,
SRE_FLAG_UNICODE,
SRE_FLAG_VERBOSE,
SRE_INFO_CHARSET,
SRE_INFO_LITERAL,
SRE_INFO_PREFIX,
SUBPATTERN,
SUCCESS
]

```

## Import statements

### # Classes

```
from sre_constants import error
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
from sre_constants import ANY
from sre_constants import ANY_ALL
from sre_constants import ASSERT
from sre_constants import ASSERT_NOT
from sre_constants import AT
from sre_constants import AT_BEGINNING
from sre_constants import AT_BEGINNING_LINE
from sre_constants import AT_BEGINNING_STRING
from sre_constants import AT_BOUNDARY
from sre_constants import AT_END
from sre_constants import AT_END_LINE
from sre_constants import AT_END_STRING
from sre_constants import AT_LOC_BOUNDARY
from sre_constants import AT_LOC_NON_BOUNDARY
from sre_constants import AT_LOCALE
from sre_constants import AT_MULTILINE
from sre_constants import AT_NON_BOUNDARY
from sre_constants import AT_UNI_BOUNDARY
from sre_constants import AT_UNI_NON_BOUNDARY
from sre_constants import AT_UNICODE
from sre_constants import ATCODES
from sre_constants import ATOMIC_GROUP
from sre_constants import BIGCHARSET
from sre_constants import BRANCH
from sre_constants import CATEGORY
from sre_constants import CATEGORY_DIGIT
from sre_constants import CATEGORY_LINEBREAK
from sre_constants import CATEGORY_LOC_NOT_WORD
from sre_constants import CATEGORY_LOC_WORD
from sre_constants import CATEGORY_NOT_DIGIT
from sre_constants import CATEGORY_NOT_LINEBREAK
from sre_constants import CATEGORY_NOT_SPACE
from sre_constants import CATEGORY_NOT_WORD
from sre_constants import CATEGORY_SPACE
from sre_constants import CATEGORY_UNI_DIGIT
from sre_constants import CATEGORY_UNI_LINEBREAK
from sre_constants import CATEGORY_UNI_NOT_DIGIT
from sre_constants import CATEGORY_UNI_NOT_LINEBREAK
from sre_constants import CATEGORY_UNI_NOT_SPACE
from sre_constants import CATEGORY_UNI_NOT_WORD
from sre_constants import CATEGORY_UNI_SPACE
from sre_constants import CATEGORY_UNI_WORD
from sre_constants import CATEGORY_WORD
from sre_constants import CH_LOCALE
from sre_constants import CH_UNICODE
from sre_constants import CHARSET
from sre_constants import CHCODES
from sre_constants import FAILURE
from sre_constants import GROUPREF
from sre_constants import GROUPREF_EXISTS
from sre_constants import GROUPREF_IGNORE
from sre_constants import GROUPREF_LOC_IGNORE
from sre_constants import GROUPREF_UNI_IGNORE
from sre_constants import IN
from sre_constants import IN_IGNORE
from sre_constants import IN_LOC_IGNORE
from sre_constants import IN_UNI_IGNORE
from sre_constants import INFO
from sre_constants import JUMP
from sre_constants import LITERAL
from sre_constants import LITERAL_IGNORE
from sre_constants import LITERAL_LOC_IGNORE
```



```
from sre_constants import LITERAL_UNI_IGNORE
from sre_constants import MAGIC
from sre_constants import MARK
from sre_constants import MAX_REPEAT
from sre_constants import MAX_UNTIL
from sre_constants import MAXGROUPS
from sre_constants import MAXREPEAT
from sre_constants import MIN_REPEAT
from sre_constants import MIN_REPEAT_ONE
from sre_constants import MIN_UNTIL
from sre_constants import NEGATE
from sre_constants import NOT_LITERAL
from sre_constants import NOT_LITERAL_IGNORE
from sre_constants import NOT_LITERAL_LOC_IGNORE
from sre_constants import NOT_LITERAL_UNI_IGNORE
from sre_constants import OP_IGNORE
from sre_constants import OP_LOCALE_IGNORE
from sre_constants import OP_UNICODE_IGNORE
from sre_constants import OPCODES
from sre_constants import POSSESSIVE_REPEAT
from sre_constants import POSSESSIVE_REPEAT_ONE
from sre_constants import RANGE
from sre_constants import RANGE_UNI_IGNORE
from sre_constants import REPEAT
from sre_constants import REPEAT_ONE
from sre_constants import SRE_FLAG_ASCII
from sre_constants import SRE_FLAG_DEBUG
from sre_constants import SRE_FLAG_DOTALL
from sre_constants import SRE_FLAG_IGNORECASE
from sre_constants import SRE_FLAG_LOCALE
from sre_constants import SRE_FLAG_MULTILINE
from sre_constants import SRE_FLAG_TEMPLATE
from sre_constants import SRE_FLAG_UNICODE
from sre_constants import SRE_FLAG_VERBOSE
from sre_constants import SRE_INFO_CHARSET
from sre_constants import SRE_INFO_LITERAL
from sre_constants import SRE_INFO_PREFIX
from sre_constants import SUBPATTERN
from sre_constants import SUCCESS
```

# sre\_parse

## Classes

```
[
    error,
    State,
    SubPattern,
    Tokenizer
]
```

## Functions

```
[
    fix_flags,
    parse,
    parse_template
]
```

## Sentinels / Constants / Objects

```
[
    ANY,
    ANY_ALL,
    ASCIILETTERS,
    ASSERT,
    ASSERT_NOT,
    AT,
    AT_BEGINNING,
    AT_BEGINNING_LINE,
    AT_BEGINNING_STRING,
    AT_BOUNDARY,
    AT_END,
    AT_END_LINE,
    AT_END_STRING,
    AT_LOC_BOUNDARY,
    AT_LOC_NON_BOUNDARY,
    AT_LOCALE,
    AT_MULTILINE,
    AT_NON_BOUNDARY,
    AT_UNI_BOUNDARY,
    AT_UNI_NON_BOUNDARY,
    AT_UNICODE,
    ATCODES,
    ATOMIC_GROUP,
    BIGCHARSET,
    BRANCH,
    CATEGORIES,
    CATEGORY,
    CATEGORY_DIGIT,
    CATEGORY_LINEBREAK,
    CATEGORY_LOC_NOT_WORD,
    CATEGORY_LOC_WORD,
    CATEGORY_NOT_DIGIT,
    CATEGORY_NOT_LINEBREAK,
    CATEGORY_NOT_SPACE,
    CATEGORY_NOT_WORD,
    CATEGORY_SPACE,
    CATEGORY_UNI_DIGIT,
    CATEGORY_UNI_LINEBREAK,
    CATEGORY_UNI_NOT_DIGIT,
    CATEGORY_UNI_NOT_LINEBREAK,
    CATEGORY_UNI_NOT_SPACE,
]
```

CATEGORY\_UNI\_NOT\_WORD,  
CATEGORY\_UNI\_SPACE,  
CATEGORY\_UNI\_WORD,  
CATEGORY\_WORD,  
CH\_LOCALE,  
CH\_UNICODE,  
CHARSET,  
CHCODES,  
DIGITS,  
ESCAPES,  
FAILURE,  
FLAGS,  
GLOBAL\_FLAGS,  
GROUPREF,  
GROUPREF\_EXISTS,  
GROUPREF\_IGNORE,  
GROUPREF\_LOC\_IGNORE,  
GROUPREF\_UNI\_IGNORE,  
HEXDIGITS,  
IN,  
IN\_IGNORE,  
IN\_LOC\_IGNORE,  
IN\_UNI\_IGNORE,  
INFO,  
JUMP,  
LITERAL,  
LITERAL\_IGNORE,  
LITERAL\_LOC\_IGNORE,  
LITERAL\_UNI\_IGNORE,  
MAGIC,  
MARK,  
MAX\_REPEAT,  
MAX\_UNTIL,  
MAXGROUPS,  
MAXREPEAT,  
MAXWIDTH,  
MIN\_REPEAT,  
MIN\_REPEAT\_ONE,  
MIN\_UNTIL,  
NEGATE,  
NOT\_LITERAL,  
NOT\_LITERAL\_IGNORE,  
NOT\_LITERAL\_LOC\_IGNORE,  
NOT\_LITERAL\_UNI\_IGNORE,  
OCTDIGITS,  
OP\_IGNORE,  
OP\_LOCALE\_IGNORE,  
OP\_UNICODE\_IGNORE,  
OPCODES,  
POSSESSIVE\_REPEAT,  
POSSESSIVE\_REPEAT\_ONE,  
RANGE,  
RANGE\_UNI\_IGNORE,  
REPEAT,  
REPEAT\_CHARS,  
REPEAT\_ONE,  
SPECIAL\_CHARS,  
SRE\_FLAG\_ASCII,  
SRE\_FLAG\_DEBUG,  
SRE\_FLAG\_DOTALL,  
SRE\_FLAG\_IGNORECASE,  
SRE\_FLAG\_LOCALE,

```

SRE_FLAG_MULTILINE,
SRE_FLAG_TEMPLATE,
SRE_FLAG_UNICODE,
SRE_FLAG_VERBOSE,
SRE_INFO_CHARSET,
SRE_INFO_LITERAL,
SRE_INFO_PREFIX,
SUBPATTERN,
SUCCESS,
TYPE_FLAGS,
WHITESPACE
]

```

## Import statements

### # Classes

```

from sre_parse import error
from sre_parse import State
from sre_parse import SubPattern
from sre_parse import Tokenizer

```

### # Functions

```

from sre_parse import fix_flags
from sre_parse import parse
from sre_parse import parse_template

```

### # Sentinels / Constants / Objects

```

from sre_parse import ANY
from sre_parse import ANY_ALL
from sre_parse import ASCIILETTERS
from sre_parse import ASSERT
from sre_parse import ASSERT_NOT
from sre_parse import AT
from sre_parse import AT_BEGINNING
from sre_parse import AT_BEGINNING_LINE
from sre_parse import AT_BEGINNING_STRING
from sre_parse import AT_BOUNDARY
from sre_parse import AT_END
from sre_parse import AT_END_LINE
from sre_parse import AT_END_STRING
from sre_parse import AT_LOC_BOUNDARY
from sre_parse import AT_LOC_NON_BOUNDARY
from sre_parse import AT_LOCALE
from sre_parse import AT_MULTILINE
from sre_parse import AT_NON_BOUNDARY
from sre_parse import AT_UNI_BOUNDARY
from sre_parse import AT_UNI_NON_BOUNDARY
from sre_parse import AT_UNICODE
from sre_parse import ATCODES
from sre_parse import ATOMIC_GROUP
from sre_parse import BIGCHARSET
from sre_parse import BRANCH
from sre_parse import CATEGORIES
from sre_parse import CATEGORY
from sre_parse import CATEGORY_DIGIT
from sre_parse import CATEGORY_LINEBREAK
from sre_parse import CATEGORY_LOC_NOT_WORD
from sre_parse import CATEGORY_LOC_WORD
from sre_parse import CATEGORY_NOT_DIGIT
from sre_parse import CATEGORY_NOT_LINEBREAK
from sre_parse import CATEGORY_NOT_SPACE
from sre_parse import CATEGORY_NOT_WORD
from sre_parse import CATEGORY_SPACE
from sre_parse import CATEGORY_UNI_DIGIT

```

```
from sre_parse import CATEGORY_UNI_LINEBREAK
from sre_parse import CATEGORY_UNI_NOT_DIGIT
from sre_parse import CATEGORY_UNI_NOT_LINEBREAK
from sre_parse import CATEGORY_UNI_NOT_SPACE
from sre_parse import CATEGORY_UNI_NOT_WORD
from sre_parse import CATEGORY_UNI_SPACE
from sre_parse import CATEGORY_UNI_WORD
from sre_parse import CATEGORY_WORD
from sre_parse import CH_LOCALE
from sre_parse import CH_UNICODE
from sre_parse import CHARSET
from sre_parse import CHCODES
from sre_parse import DIGITS
from sre_parse import ESCAPES
from sre_parse import FAILURE
from sre_parse import FLAGS
from sre_parse import GLOBAL_FLAGS
from sre_parse import GROUPREF
from sre_parse import GROUPREF_EXISTS
from sre_parse import GROUPREF_IGNORE
from sre_parse import GROUPREF_LOC_IGNORE
from sre_parse import GROUPREF_UNI_IGNORE
from sre_parse import HEXDIGITS
from sre_parse import IN
from sre_parse import IN_IGNORE
from sre_parse import IN_LOC_IGNORE
from sre_parse import IN_UNI_IGNORE
from sre_parse import INFO
from sre_parse import JUMP
from sre_parse import LITERAL
from sre_parse import LITERAL_IGNORE
from sre_parse import LITERAL_LOC_IGNORE
from sre_parse import LITERAL_UNI_IGNORE
from sre_parse import MAGIC
from sre_parse import MARK
from sre_parse import MAX_REPEAT
from sre_parse import MAX_UNTIL
from sre_parse import MAXGROUPS
from sre_parse import MAXREPEAT
from sre_parse import MAXWIDTH
from sre_parse import MIN_REPEAT
from sre_parse import MIN_REPEAT_ONE
from sre_parse import MIN_UNTIL
from sre_parse import NEGATE
from sre_parse import NOT_LITERAL
from sre_parse import NOT_LITERAL_IGNORE
from sre_parse import NOT_LITERAL_LOC_IGNORE
from sre_parse import NOT_LITERAL_UNI_IGNORE
from sre_parse import OCTDIGITS
from sre_parse import OP_IGNORE
from sre_parse import OP_LOCALE_IGNORE
from sre_parse import OP_UNICODE_IGNORE
from sre_parse import OPCODES
from sre_parse import POSSESSIVE_REPEAT
from sre_parse import POSSESSIVE_REPEAT_ONE
from sre_parse import RANGE
from sre_parse import RANGE_UNI_IGNORE
from sre_parse import REPEAT
from sre_parse import REPEAT_CHARS
from sre_parse import REPEAT_ONE
from sre_parse import SPECIAL_CHARS
from sre_parse import SRE_FLAG_ASCII
```

```
from sre_parse import SRE_FLAG_DEBUG
from sre_parse import SRE_FLAG_DOTALL
from sre_parse import SRE_FLAG_IGNORECASE
from sre_parse import SRE_FLAG_LOCALE
from sre_parse import SRE_FLAG_MULTILINE
from sre_parse import SRE_FLAG_TEMPLATE
from sre_parse import SRE_FLAG_UNICODE
from sre_parse import SRE_FLAG_VERBOSE
from sre_parse import SRE_INFO_CHARSET
from sre_parse import SRE_INFO_LITERAL
from sre_parse import SRE_INFO_PREFIX
from sre_parse import SUBPATTERN
from sre_parse import SUCCESS
from sre_parse import TYPE_FLAGS
from sre_parse import WHITESPACE
```

# ssl

## Classes

```
[
    AlertDescription,
    CertificateError,
    DefaultVerifyPaths,
    MemoryBIO,
    Options,
    Purpose,
    socket,
    socket_error,
    SSLCertVerificationError,
    SSLContext,
    SSLEOFError,
    SSLError,
    SSLErrorNumber,
    SSLObject,
    SSLSession,
    SSLSocket,
    SSLSyscallError,
    SSLWantReadError,
    SSLWantWriteError,
    SSLZeroReturnError,
    TLSVersion,
    VerifyFlags,
    VerifyMode
]
```

## Functions

```
[
    cert_time_to_seconds,
    create_connection,
    create_default_context,
    DER_cert_to_PEM_cert,
    get_default_verify_paths,
    get_protocol_name,
    get_server_certificate,
    namedtuple,
    PEM_cert_to_DER_cert,
    RAND_add,
    RAND_bytes,
    RAND_status
]
```

## Sentinels / Constants / Objects

```
[
    ALERT_DESCRIPTION_ACCESS_DENIED,
    ALERT_DESCRIPTION_BAD_CERTIFICATE,
    ALERT_DESCRIPTION_BAD_CERTIFICATE_HASH_VALUE,
    ALERT_DESCRIPTION_BAD_CERTIFICATE_STATUS_RESPONSE,
    ALERT_DESCRIPTION_BAD_RECORD_MAC,
    ALERT_DESCRIPTION_CERTIFICATE_EXPIRED,
    ALERT_DESCRIPTION_CERTIFICATE_REVOKED,
    ALERT_DESCRIPTION_CERTIFICATE_UNKNOWN,
    ALERT_DESCRIPTION_CERTIFICATE_UNOBTAINABLE,
    ALERT_DESCRIPTION_CLOSE_NOTIFY,
    ALERT_DESCRIPTION_DECODE_ERROR,
    ALERT_DESCRIPTION_DECOMPRESSION_FAILURE,
    ALERT_DESCRIPTION_DECRYPT_ERROR,
```

ALERT\_DESCRIPTION\_HANDSHAKE\_FAILURE,  
ALERT\_DESCRIPTION\_ILLEGAL\_PARAMETER,  
ALERT\_DESCRIPTION\_INSUFFICIENT\_SECURITY,  
ALERT\_DESCRIPTION\_INTERNAL\_ERROR,  
ALERT\_DESCRIPTION\_NO\_RENEGOTIATION,  
ALERT\_DESCRIPTION\_PROTOCOL\_VERSION,  
ALERT\_DESCRIPTION\_RECORD\_OVERFLOW,  
ALERT\_DESCRIPTION\_UNEXPECTED\_MESSAGE,  
ALERT\_DESCRIPTION\_UNKNOWN\_CA,  
ALERT\_DESCRIPTION\_UNKNOWN\_PSK\_IDENTITY,  
ALERT\_DESCRIPTION\_UNRECOGNIZED\_NAME,  
ALERT\_DESCRIPTION\_UNSUPPORTED\_CERTIFICATE,  
ALERT\_DESCRIPTION\_UNSUPPORTED\_EXTENSION,  
ALERT\_DESCRIPTION\_USER\_CANCELLED,  
CERT\_NONE,  
CERT\_OPTIONAL,  
CERT\_REQUIRED,  
CHANNEL\_BINDING\_TYPES,  
HAS\_ALPN,  
HAS\_ECDH,  
HAS\_NEVER\_CHECK\_COMMON\_NAME,  
HAS\_NPN,  
HAS\_SNI,  
HAS\_SSLv2,  
HAS\_SSLv3,  
HAS\_TLSv1,  
HAS\_TLSv1\_1,  
HAS\_TLSv1\_2,  
HAS\_TLSv1\_3,  
OP\_ALL,  
OP\_CIPHER\_SERVER\_PREFERENCE,  
OP\_ENABLE\_KTLS,  
OP\_ENABLE\_MIDDLEBOX\_COMPAT,  
OP\_IGNORE\_UNEXPECTED\_EOF,  
OP\_LEGACY\_SERVER\_CONNECT,  
OP\_NO\_COMPRESSION,  
OP\_NO\_RENEGOTIATION,  
OP\_NO\_SSLv2,  
OP\_NO\_SSLv3,  
OP\_NO\_TICKET,  
OP\_NO\_TLSv1,  
OP\_NO\_TLSv1\_1,  
OP\_NO\_TLSv1\_2,  
OP\_NO\_TLSv1\_3,  
OP\_SINGLE\_DH\_USE,  
OP\_SINGLE\_ECDH\_USE,  
OPENSSL\_VERSION,  
OPENSSL\_VERSION\_INFO,  
OPENSSL\_VERSION\_NUMBER,  
PEM\_FOOTER,  
PEM\_HEADER,  
PROTOCOL\_SSLv23,  
PROTOCOL\_TLS,  
PROTOCOL\_TLS\_CLIENT,  
PROTOCOL\_TLS\_SERVER,  
PROTOCOL\_TLSv1,  
PROTOCOL\_TLSv1\_1,  
PROTOCOL\_TLSv1\_2,  
SO\_TYPE,  
SOCK\_STREAM,  
SOL\_SOCKET,  
SSL\_ERROR\_EOF,



```

SSL_ERROR_INVALID_ERROR_CODE,
SSL_ERROR_SSL,
SSL_ERROR_SYSCALL,
SSL_ERROR_WANT_CONNECT,
SSL_ERROR_WANT_READ,
SSL_ERROR_WANT_WRITE,
SSL_ERROR_WANT_X509_LOOKUP,
SSL_ERROR_ZERO_RETURN,
VERIFY_ALLOW_PROXY_CERTS,
VERIFY_CRL_CHECK_CHAIN,
VERIFY_CRL_CHECK_LEAF,
VERIFY_DEFAULT,
VERIFY_X509_PARTIAL_CHAIN,
VERIFY_X509_STRICT,
VERIFY_X509_TRUSTED_FIRST
]

```

## Import statements

### # Classes

```

from ssl import AlertDescription
from ssl import CertificateError
from ssl import DefaultVerifyPaths
from ssl import MemoryBIO
from ssl import Options
from ssl import Purpose
from ssl import socket
from ssl import socket_error
from ssl import SSLCertVerificationError
from ssl import SSLContext
from ssl import SSLEOFError
from ssl import SSLError
from ssl import SSLErrorNumber
from ssl import SSLObject
from ssl import SSLSession
from ssl import SSLSocket
from ssl import SSLSyscallError
from ssl import SSLWantReadError
from ssl import SSLWantWriteError
from ssl import SSLZeroReturnError
from ssl import TLSVersion
from ssl import VerifyFlags
from ssl import VerifyMode

```

### # Functions

```

from ssl import cert_time_to_seconds
from ssl import create_connection
from ssl import create_default_context
from ssl import DER_cert_to_PEM_cert
from ssl import get_default_verify_paths
from ssl import get_protocol_name
from ssl import get_server_certificate
from ssl import namedtuple
from ssl import PEM_cert_to_DER_cert
from ssl import RAND_add
from ssl import RAND_bytes
from ssl import RAND_status

```

### # Sentinels / Constants / Objects

```

from ssl import ALERT_DESCRIPTION_ACCESS_DENIED
from ssl import ALERT_DESCRIPTION_BAD_CERTIFICATE
from ssl import ALERT_DESCRIPTION_BAD_CERTIFICATE_HASH_VALUE
from ssl import ALERT_DESCRIPTION_BAD_CERTIFICATE_STATUS_RESPONSE
from ssl import ALERT_DESCRIPTION_BAD_RECORD_MAC

```

```
from ssl import ALERT_DESCRIPTION_CERTIFICATE_EXPIRED
from ssl import ALERT_DESCRIPTION_CERTIFICATE_REVOKED
from ssl import ALERT_DESCRIPTION_CERTIFICATE_UNKNOWN
from ssl import ALERT_DESCRIPTION_CERTIFICATE_UNOBTAINABLE
from ssl import ALERT_DESCRIPTION_CLOSE_NOTIFY
from ssl import ALERT_DESCRIPTION_DECODE_ERROR
from ssl import ALERT_DESCRIPTION_DECOMPRESSION_FAILURE
from ssl import ALERT_DESCRIPTION_DECRYPT_ERROR
from ssl import ALERT_DESCRIPTION_HANDSHAKE_FAILURE
from ssl import ALERT_DESCRIPTION_ILLEGAL_PARAMETER
from ssl import ALERT_DESCRIPTION_INSUFFICIENT_SECURITY
from ssl import ALERT_DESCRIPTION_INTERNAL_ERROR
from ssl import ALERT_DESCRIPTION_NO_RENEGOTIATION
from ssl import ALERT_DESCRIPTION_PROTOCOL_VERSION
from ssl import ALERT_DESCRIPTION_RECORD_OVERFLOW
from ssl import ALERT_DESCRIPTION_UNEXPECTED_MESSAGE
from ssl import ALERT_DESCRIPTION_UNKNOWN_CA
from ssl import ALERT_DESCRIPTION_UNKNOWN_PSK_IDENTITY
from ssl import ALERT_DESCRIPTION_UNRECOGNIZED_NAME
from ssl import ALERT_DESCRIPTION_UNSUPPORTED_CERTIFICATE
from ssl import ALERT_DESCRIPTION_UNSUPPORTED_EXTENSION
from ssl import ALERT_DESCRIPTION_USER_CANCELLED
from ssl import CERT_NONE
from ssl import CERT_OPTIONAL
from ssl import CERT_REQUIRED
from ssl import CHANNEL_BINDING_TYPES
from ssl import HAS_ALPN
from ssl import HAS_ECDH
from ssl import HAS_NEVER_CHECK_COMMON_NAME
from ssl import HAS_NPN
from ssl import HAS_SNI
from ssl import HAS_SSLv2
from ssl import HAS_SSLv3
from ssl import HAS_TLSv1
from ssl import HAS_TLSv1_1
from ssl import HAS_TLSv1_2
from ssl import HAS_TLSv1_3
from ssl import OP_ALL
from ssl import OP_CIPHER_SERVER_PREFERENCE
from ssl import OP_ENABLE_KTLS
from ssl import OP_ENABLE_MIDDLEBOX_COMPAT
from ssl import OP_IGNORE_UNEXPECTED_EOF
from ssl import OP_LEGACY_SERVER_CONNECT
from ssl import OP_NO_COMPRESSION
from ssl import OP_NO_RENEGOTIATION
from ssl import OP_NO_SSLv2
from ssl import OP_NO_SSLv3
from ssl import OP_NO_TICKET
from ssl import OP_NO_TLSv1
from ssl import OP_NO_TLSv1_1
from ssl import OP_NO_TLSv1_2
from ssl import OP_NO_TLSv1_3
from ssl import OP_SINGLE_DH_USE
from ssl import OP_SINGLE_ECDH_USE
from ssl import OPENSSSL_VERSION
from ssl import OPENSSSL_VERSION_INFO
from ssl import OPENSSSL_VERSION_NUMBER
from ssl import PEM_FOOTER
from ssl import PEM_HEADER
from ssl import PROTOCOL_SSLv23
from ssl import PROTOCOL_TLS
from ssl import PROTOCOL_TLS_CLIENT
```

```
from ssl import PROTOCOL_TLS_SERVER
from ssl import PROTOCOL_TLSv1
from ssl import PROTOCOL_TLSv1_1
from ssl import PROTOCOL_TLSv1_2
from ssl import SO_TYPE
from ssl import SOCK_STREAM
from ssl import SOL_SOCKET
from ssl import SSL_ERROR_EOF
from ssl import SSL_ERROR_INVALID_ERROR_CODE
from ssl import SSL_ERROR_SSL
from ssl import SSL_ERROR_SYSCALL
from ssl import SSL_ERROR_WANT_CONNECT
from ssl import SSL_ERROR_WANT_READ
from ssl import SSL_ERROR_WANT_WRITE
from ssl import SSL_ERROR_WANT_X509_LOOKUP
from ssl import SSL_ERROR_ZERO_RETURN
from ssl import VERIFY_ALLOW_PROXY_CERTS
from ssl import VERIFY_CRL_CHECK_CHAIN
from ssl import VERIFY_CRL_CHECK_LEAF
from ssl import VERIFY_DEFAULT
from ssl import VERIFY_X509_PARTIAL_CHAIN
from ssl import VERIFY_X509_STRICT
from ssl import VERIFY_X509_TRUSTED_FIRST
```

# stat

## Classes

[ ]

## Functions

```
[
    filemode,
    S_IFMT,
    S_IMODE,
    S_ISBLK,
    S_ISCHR,
    S_ISDIR,
    S_ISDOOR,
    S_ISFIFO,
    S_ISLNK,
    S_ISPORT,
    S_ISREG,
    S_ISSOCK,
    S_ISWHT
]
```

## Sentinels / Constants / Objects

```
[
    FILE_ATTRIBUTE_ARCHIVE,
    FILE_ATTRIBUTE_COMPRESSED,
    FILE_ATTRIBUTE_DEVICE,
    FILE_ATTRIBUTE_DIRECTORY,
    FILE_ATTRIBUTE_ENCRYPTED,
    FILE_ATTRIBUTE_HIDDEN,
    FILE_ATTRIBUTE_INTEGRITY_STREAM,
    FILE_ATTRIBUTE_NO_SCRUB_DATA,
    FILE_ATTRIBUTE_NORMAL,
    FILE_ATTRIBUTE_NOT_CONTENT_INDEXED,
    FILE_ATTRIBUTE_OFFLINE,
    FILE_ATTRIBUTE_READONLY,
    FILE_ATTRIBUTE_REPARSE_POINT,
    FILE_ATTRIBUTE_SPARSE_FILE,
    FILE_ATTRIBUTE_SYSTEM,
    FILE_ATTRIBUTE_TEMPORARY,
    FILE_ATTRIBUTE_VIRTUAL,
    S_ENFMT,
    S_IEXEC,
    S_IFBLK,
    S_IFCHR,
    S_IFDIR,
    S_IFDOOR,
    S_IFIFO,
    S_IFLNK,
    S_IFPORT,
    S_IFREG,
    S_IFSOCK,
    S_IFWHT,
    S_IREAD,
    S_IRGRP,
    S_IROTH,
    S_IRUSR,
    S_IRWXG,
    S_IRWXO,
    S_IRWXU,
]
```

```

S_ISGID,
S_ISUID,
S_ISVTX,
S_IWGRP,
S_IWOTH,
S_IWRITE,
S_IWUSR,
S_IXGRP,
S_IXOTH,
S_IXUSR,
SF_APPEND,
SF_ARCHIVED,
SF_IMMUTABLE,
SF_NOUNLINK,
SF_SNAPSHOT,
ST_ETIME,
ST_ETIME,
ST_DEV,
ST_GID,
ST_INO,
ST_MODE,
ST_MTIME,
ST_NLINK,
ST_SIZE,
ST_UID,
UF_APPEND,
UF_COMPRESSED,
UF_HIDDEN,
UF_IMMUTABLE,
UF_NODUMP,
UF_NOUNLINK,
UF_OPAQUE
]

```

## Import statements

### # Classes

(none)

### # Functions

```

from stat import filemode
from stat import S_IFMT
from stat import S_IMODE
from stat import S_ISBLK
from stat import S_ISCHR
from stat import S_ISDIR
from stat import S_ISDOOR
from stat import S_ISFIFO
from stat import S_ISLNK
from stat import S_ISPORT
from stat import S_ISREG
from stat import S_ISSOCK
from stat import S_ISWHT

```

### # Sentinels / Constants / Objects

```

from stat import FILE_ATTRIBUTE_ARCHIVE
from stat import FILE_ATTRIBUTE_COMPRESSED
from stat import FILE_ATTRIBUTE_DEVICE
from stat import FILE_ATTRIBUTE_DIRECTORY
from stat import FILE_ATTRIBUTE_ENCRYPTED
from stat import FILE_ATTRIBUTE_HIDDEN
from stat import FILE_ATTRIBUTE_INTEGRITY_STREAM
from stat import FILE_ATTRIBUTE_NO_SCRUB_DATA
from stat import FILE_ATTRIBUTE_NORMAL

```

```
from stat import FILE_ATTRIBUTE_NOT_CONTENT_INDEXED
from stat import FILE_ATTRIBUTE_OFFLINE
from stat import FILE_ATTRIBUTE_READONLY
from stat import FILE_ATTRIBUTE_REPARSE_POINT
from stat import FILE_ATTRIBUTE_SPARSE_FILE
from stat import FILE_ATTRIBUTE_SYSTEM
from stat import FILE_ATTRIBUTE_TEMPORARY
from stat import FILE_ATTRIBUTE_VIRTUAL
from stat import S_ENFMT
from stat import S_IXEXEC
from stat import S_IFBLK
from stat import S_IFCHR
from stat import S_IFDIR
from stat import S_IFDOOR
from stat import S_IFIFO
from stat import S_IFLNK
from stat import S_IFPORT
from stat import S_IFREG
from stat import S_IFSOCK
from stat import S_IFWHT
from stat import S_IREAD
from stat import S_IRGRP
from stat import S_IROTH
from stat import S_IRUSR
from stat import S_IRWXG
from stat import S_IRWXO
from stat import S_IRWXU
from stat import S_ISGID
from stat import S_ISUID
from stat import S_ISVTX
from stat import S_IWGRP
from stat import S_IWOTH
from stat import S_IWRITE
from stat import S_IWUSR
from stat import S_IXGRP
from stat import S_IXOTH
from stat import S_IXUSR
from stat import SF_APPEND
from stat import SF_ARCHIVED
from stat import SF_IMMUTABLE
from stat import SF_NOUNLINK
from stat import SF_SNAPSHOT
from stat import ST_ATIME
from stat import ST_CTIME
from stat import ST_DEV
from stat import ST_GID
from stat import ST_INO
from stat import ST_MODE
from stat import ST_MTIME
from stat import ST_NLINK
from stat import ST_SIZE
from stat import ST_UID
from stat import UF_APPEND
from stat import UF_COMPRESSED
from stat import UF_HIDDEN
from stat import UF_IMMUTABLE
from stat import UF_NODUMP
from stat import UF_NOUNLINK
from stat import UF_OPAQUE
```

# statistics

## Classes

```
[
    NormalDist,
    StatisticsError
]
```

## Functions

```
[
    correlation,
    covariance,
    fmean,
    geometric_mean,
    harmonic_mean,
    linear_regression,
    mean,
    median,
    median_grouped,
    median_high,
    median_low,
    mode,
    multimode,
    pstdev,
    pvariance,
    quantiles,
    stdev,
    variance
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from statistics import NormalDist
from statistics import StatisticsError
```

### # Functions

```
from statistics import correlation
from statistics import covariance
from statistics import fmean
from statistics import geometric_mean
from statistics import harmonic_mean
from statistics import linear_regression
from statistics import mean
from statistics import median
from statistics import median_grouped
from statistics import median_high
from statistics import median_low
from statistics import mode
from statistics import multimode
from statistics import pstdev
from statistics import pvariance
from statistics import quantiles
from statistics import stdev
from statistics import variance
```

### # Sentinels / Constants / Objects

```
(none)
```

# string

## Classes

```
[  
    Formatter,  
    Template  
]
```

## Functions

```
[  
    capwords  
]
```

## Sentinels / Constants / Objects

```
[  
    ascii_letters,  
    ascii_lowercase,  
    ascii_uppercase,  
    digits,  
    hexdigits,  
    octdigits,  
    printable,  
    punctuation,  
    whitespace  
]
```

## Import statements

### # Classes

```
from string import Formatter  
from string import Template
```

### # Functions

```
from string import capwords
```

### # Sentinels / Constants / Objects

```
from string import ascii_letters  
from string import ascii_lowercase  
from string import ascii_uppercase  
from string import digits  
from string import hexdigits  
from string import octdigits  
from string import printable  
from string import punctuation  
from string import whitespace
```



# stringprep

## Classes

[ ]

## Functions

```
[
    in_table_a1,
    in_table_b1,
    in_table_c11,
    in_table_c11_c12,
    in_table_c12,
    in_table_c21,
    in_table_c21_c22,
    in_table_c22,
    in_table_c3,
    in_table_c4,
    in_table_c5,
    in_table_c6,
    in_table_c7,
    in_table_c8,
    in_table_c9,
    in_table_d1,
    in_table_d2,
    map_table_b2,
    map_table_b3
]
```

## Sentinels / Constants / Objects

```
[
    b1_set,
    b3_exceptions,
    c22_specials,
    c6_set,
    c7_set,
    c8_set,
    c9_set,
    unicodedata
]
```

## Import statements

### # Classes

(none)

### # Functions

```
from stringprep import in_table_a1
from stringprep import in_table_b1
from stringprep import in_table_c11
from stringprep import in_table_c11_c12
from stringprep import in_table_c12
from stringprep import in_table_c21
from stringprep import in_table_c21_c22
from stringprep import in_table_c22
from stringprep import in_table_c3
from stringprep import in_table_c4
from stringprep import in_table_c5
from stringprep import in_table_c6
from stringprep import in_table_c7
from stringprep import in_table_c8
from stringprep import in_table_c9
from stringprep import in_table_d1
```

```
from stringprep import in_table_d2
from stringprep import map_table_b2
from stringprep import map_table_b3
# Sentinels / Constants / Objects
from stringprep import b1_set
from stringprep import b3_exceptions
from stringprep import c22_specials
from stringprep import c6_set
from stringprep import c7_set
from stringprep import c8_set
from stringprep import c9_set
from stringprep import unicodedata
```

# struct

## Classes

```
[  
    error,  
    Struct  
]
```

## Functions

```
[  
    calcsize,  
    iter_unpack,  
    pack,  
    pack_into,  
    unpack,  
    unpack_from  
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from struct import error  
from struct import Struct
```

### # Functions

```
from struct import calcsize  
from struct import iter_unpack  
from struct import pack  
from struct import pack_into  
from struct import unpack  
from struct import unpack_from
```

### # Sentinels / Constants / Objects

```
(none)
```

# subprocess

## Classes

```
[
    CalledProcessError,
    CompletedProcess,
    Popen,
    SubprocessError,
    TimeoutExpired
]
```

## Functions

```
[
    call,
    check_call,
    check_output,
    getoutput,
    getstatusoutput,
    run
]
```

## Sentinels / Constants / Objects

```
[
    DEVNULL,
    PIPE,
    STDOUT
]
```

## Import statements

### # Classes

```
from subprocess import CalledProcessError
from subprocess import CompletedProcess
from subprocess import Popen
from subprocess import SubprocessError
from subprocess import TimeoutExpired
```

### # Functions

```
from subprocess import call
from subprocess import check_call
from subprocess import check_output
from subprocess import getoutput
from subprocess import getstatusoutput
from subprocess import run
```

### # Sentinels / Constants / Objects

```
from subprocess import DEVNULL
from subprocess import PIPE
from subprocess import STDOUT
```

# sunau

## Classes

```
[
    Au_read,
    Au_write,
    Error
]
```

## Functions

```
[
    namedtuple,
    open
]
```

## Sentinels / Constants / Objects

```
[
    AUDIO_FILE_ENCODING_ADPCM_G721,
    AUDIO_FILE_ENCODING_ADPCM_G722,
    AUDIO_FILE_ENCODING_ADPCM_G723_3,
    AUDIO_FILE_ENCODING_ADPCM_G723_5,
    AUDIO_FILE_ENCODING_ALAW_8,
    AUDIO_FILE_ENCODING_DOUBLE,
    AUDIO_FILE_ENCODING_FLOAT,
    AUDIO_FILE_ENCODING_LINEAR_16,
    AUDIO_FILE_ENCODING_LINEAR_24,
    AUDIO_FILE_ENCODING_LINEAR_32,
    AUDIO_FILE_ENCODING_LINEAR_8,
    AUDIO_FILE_ENCODING_MULAW_8,
    AUDIO_FILE_MAGIC,
    AUDIO_UNKNOWN_SIZE
]
```

## Import statements

### # Classes

```
from sunau import Au_read
from sunau import Au_write
from sunau import Error
```

### # Functions

```
from sunau import namedtuple
from sunau import open
```

### # Sentinels / Constants / Objects

```
from sunau import AUDIO_FILE_ENCODING_ADPCM_G721
from sunau import AUDIO_FILE_ENCODING_ADPCM_G722
from sunau import AUDIO_FILE_ENCODING_ADPCM_G723_3
from sunau import AUDIO_FILE_ENCODING_ADPCM_G723_5
from sunau import AUDIO_FILE_ENCODING_ALAW_8
from sunau import AUDIO_FILE_ENCODING_DOUBLE
from sunau import AUDIO_FILE_ENCODING_FLOAT
from sunau import AUDIO_FILE_ENCODING_LINEAR_16
from sunau import AUDIO_FILE_ENCODING_LINEAR_24
from sunau import AUDIO_FILE_ENCODING_LINEAR_32
from sunau import AUDIO_FILE_ENCODING_LINEAR_8
from sunau import AUDIO_FILE_ENCODING_MULAW_8
from sunau import AUDIO_FILE_MAGIC
from sunau import AUDIO_UNKNOWN_SIZE
```

# symtable

## Classes

```
[
    Class,
    Function,
    Symbol,
    SymbolTable
]
```

## Functions

```
[
    symtable
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from symtable import Class
from symtable import Function
from symtable import Symbol
from symtable import SymbolTable
```

### # Functions

```
from symtable import symtable
```

### # Sentinels / Constants / Objects

```
(none)
```

# sys

## Classes

```
[
    last_type
]
```

## Functions

```
[
    activate_stack_trampoline,
    addaudithook,
    audit,
    breakpointhook,
    call_tracing,
    deactivate_stack_trampoline,
    exc_info,
    excepthook,
    exception,
    exit,
    get_asyncgen_hooks,
    get_coroutine_origin_tracking_depth,
    get_int_max_str_digits,
    getallocatedblocks,
    getdefaultencoding,
    getdlopenflags,
    getfilesystemencodeerrors,
    getfilesystemencoding,
    getprofile,
    getrecursionlimit,
    getrefcount,
    getsizeof,
    getswitchinterval,
    gettrace,
    getunicodeinternedsize,
    intern,
    is_finalizing,
    is_stack_trampoline_active,
    set_asyncgen_hooks,
    set_coroutine_origin_tracking_depth,
    set_int_max_str_digits,
    setdlopenflags,
    setprofile,
    setrecursionlimit,
    setswitchinterval,
    settrace,
    unraisablehook
]
```

## Sentinels / Constants / Objects

```
[
    abiflags,
    api_version,
    argv,
    base_exec_prefix,
    base_prefix,
    builtin_module_names,
    byteorder,
    copyright,
    displayhook,
    dont_write_bytecode,
```

```
exec_prefix,  
executable,  
flags,  
float_info,  
float_repr_style,  
hash_info,  
hexversion,  
implementation,  
int_info,  
last_traceback,  
last_value,  
maxsize,  
maxunicode,  
meta_path,  
modules,  
orig_argv,  
path,  
path_hooks,  
path_importer_cache,  
platform,  
platlibdir,  
prefix,  
ps1,  
ps2,  
ps3,  
pycache_prefix,  
stderr,  
stdin,  
stdlib_module_names,  
stdout,  
thread_info,  
version,  
version_info,  
warnoptions  
]
```

## Import statements

### # Classes

```
from sys import last_type
```

### # Functions

```
from sys import activate_stack_trampoline  
from sys import addaudithook  
from sys import audit  
from sys import breakpointhook  
from sys import call_tracing  
from sys import deactivate_stack_trampoline  
from sys import exc_info  
from sys import excepthook  
from sys import exception  
from sys import exit  
from sys import get_asyncgen_hooks  
from sys import get_coroutine_origin_tracking_depth  
from sys import get_int_max_str_digits  
from sys import getallocatedblocks  
from sys import getdefaultencoding  
from sys import getdlopenflags  
from sys import getfilesystemencodeerrors  
from sys import getfilesystemencoding  
from sys import getprofile  
from sys import getrecursionlimit  
from sys import getrefcount
```



```
from sys import getsizeof
from sys import getswitchinterval
from sys import gettrace
from sys import getunicodeinternedsize
from sys import intern
from sys import is_finalizing
from sys import is_stack_trampoline_active
from sys import set_asyncgen_hooks
from sys import set_coroutine_origin_tracking_depth
from sys import set_int_max_str_digits
from sys import setdlopenflags
from sys import setprofile
from sys import setrecursionlimit
from sys import setswitchinterval
from sys import settrace
from sys import unraisablehook
```

### **# Sentinels / Constants / Objects**

```
from sys import abiflags
from sys import api_version
from sys import argv
from sys import base_exec_prefix
from sys import base_prefix
from sys import builtin_module_names
from sys import byteorder
from sys import copyright
from sys import displayhook
from sys import dont_write_bytecode
from sys import exec_prefix
from sys import executable
from sys import flags
from sys import float_info
from sys import float_repr_style
from sys import hash_info
from sys import hexversion
from sys import implementation
from sys import int_info
from sys import last_traceback
from sys import last_value
from sys import maxsize
from sys import maxunicode
from sys import meta_path
from sys import modules
from sys import orig_argv
from sys import path
from sys import path_hooks
from sys import path_importer_cache
from sys import platform
from sys import platlibdir
from sys import prefix
from sys import ps1
from sys import ps2
from sys import ps3
from sys import pycache_prefix
from sys import stderr
from sys import stdin
from sys import stdlib_module_names
from sys import stdout
from sys import thread_info
from sys import version
from sys import version_info
from sys import warnoptions
```



# sysconfig

## Classes

[ ]

## Functions

```
[
    get_config_h_filename,
    get_config_var,
    get_config_vars,
    get_makefile_filename,
    get_path,
    get_path_names,
    get_paths,
    get_platform,
    get_python_version,
    get_scheme_names,
    parse_config_h
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from sysconfig import get_config_h_filename
from sysconfig import get_config_var
from sysconfig import get_config_vars
from sysconfig import get_makefile_filename
from sysconfig import get_path
from sysconfig import get_path_names
from sysconfig import get_paths
from sysconfig import get_platform
from sysconfig import get_python_version
from sysconfig import get_scheme_names
from sysconfig import parse_config_h
```

### # Sentinels / Constants / Objects

(none)

# syslog

## Classes

[ ]

## Functions

```
[
    closelog,
    LOG_MASK,
    LOG_UPTO,
    openlog,
    setlogmask,
    syslog
]
```

## Sentinels / Constants / Objects

```
[
    LOG_ALERT,
    LOG_AUTH,
    LOG_AUTHPRIV,
    LOG_CONS,
    LOG_CRIT,
    LOG_CRON,
    LOG_DAEMON,
    LOG_DEBUG,
    LOG_EMERG,
    LOG_ERR,
    LOG_INFO,
    LOG_KERN,
    LOG_LOCAL0,
    LOG_LOCAL1,
    LOG_LOCAL2,
    LOG_LOCAL3,
    LOG_LOCAL4,
    LOG_LOCAL5,
    LOG_LOCAL6,
    LOG_LOCAL7,
    LOG_LPR,
    LOG_MAIL,
    LOG_NDELAY,
    LOG_NEWS,
    LOG_NOTICE,
    LOG_NOWAIT,
    LOG_ODELAY,
    LOG_PERROR,
    LOG_PID,
    LOG_SYSLOG,
    LOG_USER,
    LOG_UUCP,
    LOG_WARNING
]
```

## Import statements

### # Classes

(none)

### # Functions

```
from syslog import closelog
from syslog import LOG_MASK
from syslog import LOG_UPTO
from syslog import openlog
```

```
from syslog import setlogmask
from syslog import syslog
# Sentinels / Constants / Objects
from syslog import LOG_ALERT
from syslog import LOG_AUTH
from syslog import LOG_AUTHPRIV
from syslog import LOG_CONS
from syslog import LOG_CRIT
from syslog import LOG_CRON
from syslog import LOG_DAEMON
from syslog import LOG_DEBUG
from syslog import LOG_EMERG
from syslog import LOG_ERR
from syslog import LOG_INFO
from syslog import LOG_KERN
from syslog import LOG_LOCAL0
from syslog import LOG_LOCAL1
from syslog import LOG_LOCAL2
from syslog import LOG_LOCAL3
from syslog import LOG_LOCAL4
from syslog import LOG_LOCAL5
from syslog import LOG_LOCAL6
from syslog import LOG_LOCAL7
from syslog import LOG_LPR
from syslog import LOG_MAIL
from syslog import LOG_NDELAY
from syslog import LOG_NEWS
from syslog import LOG_NOTICE
from syslog import LOG_NOWAIT
from syslog import LOG_ODELAY
from syslog import LOG_PERROR
from syslog import LOG_PID
from syslog import LOG_SYSLOG
from syslog import LOG_USER
from syslog import LOG_UUCP
from syslog import LOG_WARNING
```

# tabnanny

## Classes

```
[  
    NannyNag  
]
```

## Functions

```
[  
    check,  
    process_tokens  
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from tabnanny import NannyNag
```

### # Functions

```
from tabnanny import check
```

```
from tabnanny import process_tokens
```

### # Sentinels / Constants / Objects

```
(none)
```

# tarfile

## Classes

```
[
    AbsoluteLinkError,
    AbsolutePathError,
    CompressionError,
    ExtractError,
    FilterError,
    HeaderError,
    LinkOutsideDestinationError,
    OutsideDestinationError,
    ReadError,
    SpecialFileError,
    StreamError,
    TarError,
    TarFile,
    TarInfo
]
```

## Functions

```
[
    data_filter,
    fully_trusted_filter,
    is_tarfile,
    open,
    tar_filter
]
```

## Sentinels / Constants / Objects

```
[
    DEFAULT_FORMAT,
    ENCODING,
    GNU_FORMAT,
    PAX_FORMAT,
    USTAR_FORMAT
]
```

## Import statements

### # Classes

```
from tarfile import AbsoluteLinkError
from tarfile import AbsolutePathError
from tarfile import CompressionError
from tarfile import ExtractError
from tarfile import FilterError
from tarfile import HeaderError
from tarfile import LinkOutsideDestinationError
from tarfile import OutsideDestinationError
from tarfile import ReadError
from tarfile import SpecialFileError
from tarfile import StreamError
from tarfile import TarError
from tarfile import TarFile
from tarfile import TarInfo
```

### # Functions

```
from tarfile import data_filter
from tarfile import fully_trusted_filter
from tarfile import is_tarfile
from tarfile import open
from tarfile import tar_filter
```

### **# Sentinels / Constants / Objects**

```
from tarfile import DEFAULT_FORMAT
from tarfile import ENCODING
from tarfile import GNU_FORMAT
from tarfile import PAX_FORMAT
from tarfile import USTAR_FORMAT
```



# telnetlib

## Classes

```
[
    Telnet
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from telnetlib import Telnet
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# tempfile

## Classes

```
[
    SpooledTemporaryFile,
    TemporaryDirectory
]
```

## Functions

```
[
    gettempdir,
    gettempdirb,
    gettempprefix,
    gettempprefixb,
    mkdtemp,
    mkstemp,
    mktemp,
    NamedTemporaryFile,
    TemporaryFile
]
```

## Sentinels / Constants / Objects

```
[
    tempdir,
    TMP_MAX
]
```

## Import statements

### # Classes

```
from tempfile import SpooledTemporaryFile
from tempfile import TemporaryDirectory
```

### # Functions

```
from tempfile import gettempdir
from tempfile import gettempdirb
from tempfile import gettempprefix
from tempfile import gettempprefixb
from tempfile import mkdtemp
from tempfile import mkstemp
from tempfile import mktemp
from tempfile import NamedTemporaryFile
from tempfile import TemporaryFile
```

### # Sentinels / Constants / Objects

```
from tempfile import tempdir
from tempfile import TMP_MAX
```

# termios

## Classes

```
[  
    error  
]
```

## Functions

```
[  
    tcdrain,  
    tcflow,  
    tcflush,  
    tcgetattr,  
    tcgetwinsize,  
    tcsendbreak,  
    tcsetattr,  
    tcsetwinsize  
]
```

## Sentinels / Constants / Objects

```
[  
    B0,  
    B1000000,  
    B110,  
    B115200,  
    B1152000,  
    B1200,  
    B134,  
    B150,  
    B1500000,  
    B1800,  
    B19200,  
    B200,  
    B2000000,  
    B230400,  
    B2400,  
    B2500000,  
    B300,  
    B3000000,  
    B3500000,  
    B38400,  
    B4000000,  
    B460800,  
    B4800,  
    B50,  
    B500000,  
    B57600,  
    B576000,  
    B600,  
    B75,  
    B921600,  
    B9600,  
    BRKINT,  
    BS0,  
    BS1,  
    BSDLY,  
    CBAUD,  
    CBAUDEX,  
    CDSUSP,  
    CEOF,
```

CEOL,  
CEOT,  
CERASE,  
CFLUSH,  
CIBAUD,  
CINTR,  
CKILL,  
CLNEXT,  
CLOCAL,  
CQUIT,  
CR0,  
CR1,  
CR2,  
CR3,  
CRDLY,  
CREAD,  
CRPRNT,  
CRTSCTS,  
CS5,  
CS6,  
CS7,  
CS8,  
CSIZE,  
CSTART,  
CSTOP,  
CSTOPB,  
CSUSP,  
CWERASE,  
ECHO,  
ECHOCTL,  
ECHOE,  
ECHOK,  
ECHOKE,  
ECHONL,  
ECHOPRT,  
EXTA,  
EXTB,  
FF0,  
FF1,  
FFDLY,  
FIOASYNC,  
FIOCLEX,  
FIONBIO,  
FIONCLEX,  
FIONREAD,  
FLUSHO,  
HUPCL,  
ICANON,  
ICRNL,  
IEXTEN,  
IGNBRK,  
IGNCR,  
IGNPAR,  
IMAXBEL,  
INLCR,  
INPCK,  
IOCSIZE\_MASK,  
IOCSIZE\_SHIFT,  
ISIG,  
ISTRIP,  
IUCLC,  
IXANY,

IXOFF,  
IXON,  
N\_MOUSE,  
N\_PPP,  
N\_SLIP,  
N\_STRIP,  
N\_TTY,  
NCC,  
NCCS,  
NL0,  
NL1,  
NLDLY,  
NOFLSH,  
OCRNL,  
OFDEL,  
OFILL,  
OLCUC,  
ONLCR,  
ONLRET,  
ONOCR,  
OPOST,  
PARENB,  
PARMRK,  
PARODD,  
PENDIN,  
TAB0,  
TAB1,  
TAB2,  
TAB3,  
TABDLY,  
TCFLSH,  
TCGETA,  
TCGETS,  
TCIFLUSH,  
TCIOFF,  
TCIOFLUSH,  
TCION,  
TCOFLUSH,  
TCOOFF,  
TCOON,  
TCSADRAIN,  
TCSAFLUSH,  
TCSANOW,  
TCSBRK,  
TCSBRKP,  
TCSETA,  
TCSETAF,  
TCSETAW,  
TCSETS,  
TCSETSF,  
TCSETSW,  
TCXONC,  
TIOCCONS,  
TIOCEXCL,  
TIOCGETD,  
TIOCGICOUNT,  
TIOCGLOCKTRMIOS,  
TIOCGPGRP,  
TIOCGSERIAL,  
TIOCGSOFTCAR,  
TIOCGWINSZ,  
TIOCINQ,

TIOCCLINUX ,  
TIOCM\_CAR ,  
TIOCM\_CD ,  
TIOCM\_CTS ,  
TIOCM\_DSR ,  
TIOCM\_DTR ,  
TIOCM\_LE ,  
TIOCM\_RI ,  
TIOCM\_RNG ,  
TIOCM\_RTS ,  
TIOCM\_SR ,  
TIOCM\_ST ,  
TIOCMBIC ,  
TIOCMBIS ,  
TIOCMGET ,  
TIOCMWAIT ,  
TIOCMSET ,  
TIOCNOTTY ,  
TIOCNXCL ,  
TIOCOUTQ ,  
TIOCPKT ,  
TIOCPKT\_DATA ,  
TIOCPKT\_DOSTOP ,  
TIOCPKT\_FLUSHREAD ,  
TIOCPKT\_FLUSHWRITE ,  
TIOCPKT\_NOSTOP ,  
TIOCPKT\_START ,  
TIOCPKT\_STOP ,  
TIOCSCTTY ,  
TIOCSEER\_TEMT ,  
TIOCSEERCONFIG ,  
TIOCSEERGETLSR ,  
TIOCSEERGETMULTI ,  
TIOCSEERGSTRUCT ,  
TIOCSERGWILD ,  
TIOCSEERSETMULTI ,  
TIOCSEERSWILD ,  
TIOCSETD ,  
TIOCSLCKTRMIOS ,  
TIOCSPPGRP ,  
TIOCSSERIAL ,  
TIOCSSOFTCAR ,  
TIOCSTI ,  
TIOCSWINSZ ,  
TOSTOP ,  
VDISCARD ,  
VEOF ,  
VEOL ,  
VEOL2 ,  
VERASE ,  
VINTR ,  
VKILL ,  
VLNEXT ,  
VMIN ,  
VQUIT ,  
VREPRINT ,  
VSTART ,  
VSTOP ,  
VSUSP ,  
VSWTC ,  
VSWTCH ,  
VT0 ,

```
VT1,  
VTDLY,  
VTIME,  
VWERASE,  
XCASE,  
XTABS  
]
```

## Import statements

### # Classes

```
from termios import error
```

### # Functions

```
from termios import tcdrain  
from termios import tcflow  
from termios import tcflush  
from termios import tcgetattr  
from termios import tcgetwinsize  
from termios import tcsendbreak  
from termios import tcsetattr  
from termios import tcsetwinsize
```

### # Sentinels / Constants / Objects

```
from termios import B0  
from termios import B1000000  
from termios import B110  
from termios import B115200  
from termios import B1152000  
from termios import B1200  
from termios import B134  
from termios import B150  
from termios import B1500000  
from termios import B1800  
from termios import B19200  
from termios import B200  
from termios import B2000000  
from termios import B230400  
from termios import B2400  
from termios import B2500000  
from termios import B300  
from termios import B3000000  
from termios import B3500000  
from termios import B38400  
from termios import B4000000  
from termios import B460800  
from termios import B4800  
from termios import B50  
from termios import B500000  
from termios import B57600  
from termios import B576000  
from termios import B600  
from termios import B75  
from termios import B921600  
from termios import B9600  
from termios import BRKINT  
from termios import BS0  
from termios import BS1  
from termios import BSDLY  
from termios import CBAUD  
from termios import CBAUDEX  
from termios import CDSUSP  
from termios import CEOF  
from termios import CEOL
```

```
from termios import CEOT
from termios import CERASE
from termios import CFLUSH
from termios import CIBAUD
from termios import CINTR
from termios import CKILL
from termios import CLNEXT
from termios import CLOCAL
from termios import CQUIT
from termios import CR0
from termios import CR1
from termios import CR2
from termios import CR3
from termios import CRDLY
from termios import CREAD
from termios import CRPRNT
from termios import CRTSCTS
from termios import CS5
from termios import CS6
from termios import CS7
from termios import CS8
from termios import CSIZE
from termios import CSTART
from termios import CSTOP
from termios import CSTOPB
from termios import CSUSP
from termios import CWERASE
from termios import ECHO
from termios import ECHOCTL
from termios import ECHOE
from termios import ECHOK
from termios import ECHOE
from termios import ECHONL
from termios import ECHOPRT
from termios import EXTA
from termios import EXTB
from termios import FF0
from termios import FF1
from termios import FFDLY
from termios import FIOASYNC
from termios import FIOCLEX
from termios import FIONBIO
from termios import FIONCLEX
from termios import FIONREAD
from termios import FLUSHO
from termios import HUPCL
from termios import ICANON
from termios import ICRNL
from termios import IEXTEN
from termios import IGNBRK
from termios import IGNCR
from termios import IGNPAR
from termios import IMAXBEL
from termios import INLCR
from termios import INPCK
from termios import IOCSIZE_MASK
from termios import IOCSIZE_SHIFT
from termios import ISIG
from termios import ISTRIP
from termios import IUCLC
from termios import IXANY
from termios import IXOFF
```



```
from termios import IXON
from termios import N_MOUSE
from termios import N_PPP
from termios import N_SLIP
from termios import N_STRIP
from termios import N_TTY
from termios import NCC
from termios import NCCS
from termios import NL0
from termios import NL1
from termios import NLDLY
from termios import NOFLSH
from termios import OCRNL
from termios import OFDEL
from termios import OFILL
from termios import OLCUC
from termios import ONLCR
from termios import ONLRET
from termios import ONOCR
from termios import OPOST
from termios import PARENB
from termios import PARMRK
from termios import PARODD
from termios import PENDIN
from termios import TAB0
from termios import TAB1
from termios import TAB2
from termios import TAB3
from termios import TABDLY
from termios import TCFLSH
from termios import TCGETA
from termios import TCGETS
from termios import TCIFLUSH
from termios import TCIOFF
from termios import TCIOFLUSH
from termios import TCION
from termios import TCOFLUSH
from termios import TCOOFF
from termios import TCOON
from termios import TCSADRAIN
from termios import TCSAFLUSH
from termios import TCSANOW
from termios import TCSBRK
from termios import TCSBRKP
from termios import TCSETA
from termios import TCSETAF
from termios import TCSETAW
from termios import TCSETS
from termios import TCSETSF
from termios import TCSETSW
from termios import TCXONC
from termios import TIOCCONS
from termios import TIOCEXCL
from termios import TIOCGETD
from termios import TIOCGICOUNT
from termios import TIOCGLOCKTRMIOS
from termios import TIOCGPGRP
from termios import TIOCGSERIAL
from termios import TIOCGSOFTCAR
from termios import TIOCGWINSZ
from termios import TIOCINQ
from termios import TIOCLINUX
```

```
from termios import TIOCM_CAR
from termios import TIOCM_CD
from termios import TIOCM_CTS
from termios import TIOCM_DSR
from termios import TIOCM_DTR
from termios import TIOCM_LE
from termios import TIOCM_RI
from termios import TIOCM_RNG
from termios import TIOCM_RTS
from termios import TIOCM_SR
from termios import TIOCM_ST
from termios import TIOCMBIC
from termios import TIOCMBIS
from termios import TIOCMGET
from termios import TIOCMWAIT
from termios import TIOCMSET
from termios import TIOCNOTTY
from termios import TIOCNXCL
from termios import TIOCOUTQ
from termios import TIOCPKT
from termios import TIOCPKT_DATA
from termios import TIOCPKT_DOSTOP
from termios import TIOCPKT_FLUSHREAD
from termios import TIOCPKT_FLUSHWRITE
from termios import TIOCPKT_NOSTOP
from termios import TIOCPKT_START
from termios import TIOCPKT_STOP
from termios import TIOCSCTTY
from termios import TIOCSER_TEMT
from termios import TIOCSERCONFIG
from termios import TIOCSERGETLSR
from termios import TIOCSERGETMULTI
from termios import TIOCSERGSTRUCT
from termios import TIOCSERGWILD
from termios import TIOCSERSETMULTI
from termios import TIOCSERSWILD
from termios import TIOCSETD
from termios import TIOCSLCKTRMIOS
from termios import TIOCSPPGRP
from termios import TIOCSSEIAL
from termios import TIOCSSOFTCAR
from termios import TIOCSTI
from termios import TIOCSWINSZ
from termios import TOSTOP
from termios import VDISCARD
from termios import VEOF
from termios import VEOL
from termios import VEOL2
from termios import VERASE
from termios import VINTR
from termios import VKILL
from termios import VLNEXT
from termios import VMIN
from termios import VQUIT
from termios import VREPRINT
from termios import VSTART
from termios import VSTOP
from termios import VSUSP
from termios import VSWTC
from termios import VSWTCH
from termios import VT0
from termios import VT1
```

```
from termios import VTDLY
from termios import VTIME
from termios import VWERASE
from termios import XCASE
from termios import XTABS
```

# textwrap

## Classes

```
[
    TextWrapper
]
```

## Functions

```
[
    dedent,
    fill,
    indent,
    shorten,
    wrap
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from textwrap import TextWrapper
```

### # Functions

```
from textwrap import dedent
from textwrap import fill
from textwrap import indent
from textwrap import shorten
from textwrap import wrap
```

### # Sentinels / Constants / Objects

```
(none)
```

# this

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

```
[  
    c,  
    d,  
    i,  
    s  
]
```

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

```
from this import c  
from this import d  
from this import i  
from this import s
```

# threading

## Classes

```
[
    Barrier,
    BoundedSemaphore,
    BrokenBarrierError,
    Condition,
    Event,
    ExceptHookArgs,
    local,
    Semaphore,
    Thread,
    ThreadError,
    Timer
]
```

## Functions

```
[
    active_count,
    current_thread,
    enumerate,
    excepthook,
    get_ident,
    get_native_id,
    getprofile,
    gettrace,
    Lock,
    main_thread,
    RLock,
    setprofile,
    setprofile_all_threads,
    settrace,
    settrace_all_threads,
    stack_size
]
```

## Sentinels / Constants / Objects

```
[
    TIMEOUT_MAX
]
```

## Import statements

### # Classes

```
from threading import Barrier
from threading import BoundedSemaphore
from threading import BrokenBarrierError
from threading import Condition
from threading import Event
from threading import ExceptHookArgs
from threading import local
from threading import Semaphore
from threading import Thread
from threading import ThreadError
from threading import Timer
```

### # Functions

```
from threading import active_count
from threading import current_thread
from threading import enumerate
from threading import excepthook
```

```
from threading import get_ident
from threading import get_native_id
from threading import getprofile
from threading import gettrace
from threading import Lock
from threading import main_thread
from threading import RLock
from threading import setprofile
from threading import setprofile_all_threads
from threading import settrace
from threading import settrace_all_threads
from threading import stack_size
# Sentinels / Constants / Objects
from threading import TIMEOUT_MAX
```

# time

## Classes

```
[
    struct_time
]
```

## Functions

```
[
    asctime,
    clock_getres,
    clock_gettime,
    clock_gettime_ns,
    clock_settime,
    clock_settime_ns,
    ctime,
    get_clock_info,
    gmtime,
    localtime,
    mktime,
    monotonic,
    monotonic_ns,
    perf_counter,
    perf_counter_ns,
    process_time,
    process_time_ns,
    pthread_getcpuclockid,
    sleep,
    strftime,
    strptime,
    thread_time,
    thread_time_ns,
    time,
    time_ns,
    tzset
]
```

## Sentinels / Constants / Objects

```
[
    altzone,
    CLOCK_BOOTTIME,
    CLOCK_MONOTONIC,
    CLOCK_MONOTONIC_RAW,
    CLOCK_PROCESS_CPUTIME_ID,
    CLOCK_REALTIME,
    CLOCK_TAI,
    CLOCK_THREAD_CPUTIME_ID,
    daylight,
    timezone,
    tzname
]
```

## Import statements

### # Classes

```
from time import struct_time
```

### # Functions

```
from time import asctime
from time import clock_getres
from time import clock_gettime
from time import clock_gettime_ns
```



```
from time import clock_gettime
from time import clock_gettime_ns
from time import ctime
from time import get_clock_info
from time import gmtime
from time import localtime
from time import mktime
from time import monotonic
from time import monotonic_ns
from time import perf_counter
from time import perf_counter_ns
from time import process_time
from time import process_time_ns
from time import pthread_getcpuclockid
from time import sleep
from time import strftime
from time import strptime
from time import thread_time
from time import thread_time_ns
from time import time
from time import time_ns
from time import tzset
# Sentinels / Constants / Objects
from time import altzone
from time import CLOCK_BOOTTIME
from time import CLOCK_MONOTONIC
from time import CLOCK_MONOTONIC_RAW
from time import CLOCK_PROCESS_CPUTIME_ID
from time import CLOCK_REALTIME
from time import CLOCK_TAI
from time import CLOCK_THREAD_CPUTIME_ID
from time import daylight
from time import timezone
from time import tzname
```

# timeit

## Classes

```
[
    Timer
]
```

## Functions

```
[
    default_timer,
    repeat,
    timeit
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from timeit import Timer
```

### # Functions

```
from timeit import default_timer
```

```
from timeit import repeat
```

```
from timeit import timeit
```

### # Sentinels / Constants / Objects

```
(none)
```

# tkinter

## Classes

```
[
    BaseWidget,
    BitmapImage,
    BooleanVar,
    Button,
    CallWrapper,
    Canvas,
    Checkbutton,
    DoubleVar,
    Entry,
    Event,
    EventType,
    Frame,
    getdouble,
    getint,
    Grid,
    Image,
    IntVar,
    Label,
    LabelFrame,
    Listbox,
    Menu,
    Menubutton,
    Message,
    Misc,
    OptionMenu,
    Pack,
    PanedWindow,
    PhotoImage,
    Place,
    Radiobutton,
    Scale,
    Scrollbar,
    Spinbox,
    StringVar,
    TclError,
    Text,
    Tk,
    Toplevel,
    Variable,
    Widget,
    Wm,
    XView,
    YView
]
```

## Functions

```
[
    getboolean,
    image_names,
    image_types,
    mainloop,
    NoDefaultRoot,
    Tcl
]
```

## Sentinels / Constants / Objects

[  
ACTIVE,  
ALL,  
ANCHOR,  
ARC,  
BASELINE,  
BEVEL,  
BOTH,  
BOTTOM,  
BROWSE,  
BUTT,  
CASCADE,  
CENTER,  
CHAR,  
CHECKBUTTON,  
CHORD,  
COMMAND,  
CURRENT,  
DISABLED,  
DOTBOX,  
E,  
END,  
EW,  
EXCEPTION,  
EXTENDED,  
FALSE,  
FIRST,  
FLAT,  
GROOVE,  
HIDDEN,  
HORIZONTAL,  
INSERT,  
INSIDE,  
LAST,  
LEFT,  
MITER,  
MOVETO,  
MULTIPLE,  
N,  
NE,  
NO,  
NONE,  
NORMAL,  
NS,  
NSEW,  
NUMERIC,  
NW,  
OFF,  
ON,  
OUTSIDE,  
PAGES,  
PIESLICE,  
PROJECTING,  
RADIOBUTTON,  
RAISED,  
READABLE,  
RIDGE,  
RIGHT,  
ROUND,  
S,  
SCROLL,  
SE,

```
SEL,  
SEL_FIRST,  
SEL_LAST,  
SEPARATOR,  
SINGLE,  
SOLID,  
SUNKEN,  
SW,  
TclVersion,  
TkVersion,  
TOP,  
TRUE,  
UNDERLINE,  
UNITS,  
VERTICAL,  
W,  
WORD,  
WRITABLE,  
X,  
Y,  
YES  
]
```

## Import statements

### # Classes

```
from tkinter import BaseWidget  
from tkinter import BitmapImage  
from tkinter import BooleanVar  
from tkinter import Button  
from tkinter import CallWrapper  
from tkinter import Canvas  
from tkinter import Checkbutton  
from tkinter import DoubleVar  
from tkinter import Entry  
from tkinter import Event  
from tkinter import EventType  
from tkinter import Frame  
from tkinter import getdouble  
from tkinter import getint  
from tkinter import Grid  
from tkinter import Image  
from tkinter import IntVar  
from tkinter import Label  
from tkinter import LabelFrame  
from tkinter import Listbox  
from tkinter import Menu  
from tkinter import Menubutton  
from tkinter import Message  
from tkinter import Misc  
from tkinter import OptionMenu  
from tkinter import Pack  
from tkinter import PanedWindow  
from tkinter import PhotoImage  
from tkinter import Place  
from tkinter import Radiobutton  
from tkinter import Scale  
from tkinter import Scrollbar  
from tkinter import Spinbox  
from tkinter import StringVar  
from tkinter import TclError  
from tkinter import Text
```

```
from tkinter import Tk
from tkinter import Toplevel
from tkinter import Variable
from tkinter import Widget
from tkinter import Wm
from tkinter import XView
from tkinter import YView
# Functions
from tkinter import getboolean
from tkinter import image_names
from tkinter import image_types
from tkinter import mainloop
from tkinter import NoDefaultRoot
from tkinter import Tcl
# Sentinels / Constants / Objects
from tkinter import ACTIVE
from tkinter import ALL
from tkinter import ANCHOR
from tkinter import ARC
from tkinter import BASELINE
from tkinter import BEVEL
from tkinter import BOTH
from tkinter import BOTTOM
from tkinter import BROWSE
from tkinter import BUTT
from tkinter import CASCADE
from tkinter import CENTER
from tkinter import CHAR
from tkinter import CHECKBUTTON
from tkinter import CHORD
from tkinter import COMMAND
from tkinter import CURRENT
from tkinter import DISABLED
from tkinter import DOTBOX
from tkinter import E
from tkinter import END
from tkinter import EW
from tkinter import EXCEPTION
from tkinter import EXTENDED
from tkinter import FALSE
from tkinter import FIRST
from tkinter import FLAT
from tkinter import GROOVE
from tkinter import HIDDEN
from tkinter import HORIZONTAL
from tkinter import INSERT
from tkinter import INSIDE
from tkinter import LAST
from tkinter import LEFT
from tkinter import MITER
from tkinter import MOVETO
from tkinter import MULTIPLE
from tkinter import N
from tkinter import NE
from tkinter import NO
from tkinter import NONE
from tkinter import NORMAL
from tkinter import NS
from tkinter import NSEW
from tkinter import NUMERIC
from tkinter import NW
from tkinter import OFF
```

```
from tkinter import ON
from tkinter import OUTSIDE
from tkinter import PAGES
from tkinter import PIESLICE
from tkinter import PROJECTING
from tkinter import RADIOBUTTON
from tkinter import RAISED
from tkinter import READABLE
from tkinter import RIDGE
from tkinter import RIGHT
from tkinter import ROUND
from tkinter import S
from tkinter import SCROLL
from tkinter import SE
from tkinter import SEL
from tkinter import SEL_FIRST
from tkinter import SEL_LAST
from tkinter import SEPARATOR
from tkinter import SINGLE
from tkinter import SOLID
from tkinter import SUNKEN
from tkinter import SW
from tkinter import TclVersion
from tkinter import TkVersion
from tkinter import TOP
from tkinter import TRUE
from tkinter import UNDERLINE
from tkinter import UNITS
from tkinter import VERTICAL
from tkinter import W
from tkinter import WORD
from tkinter import WRITABLE
from tkinter import X
from tkinter import Y
from tkinter import YES
```

# token

## Classes

[ ]

## Functions

```
[
    ISEOF,
    ISNONTERMINAL,
    ISTERMINAL
]
```

## Sentinels / Constants / Objects

```
[
    AMPER,
    AMPEREQUAL,
    ASYNC,
    AT,
    ATEQUAL,
    AWAIT,
    CIRCUMFLEX,
    CIRCUMFLEXEQUAL,
    COLON,
    COLONEQUAL,
    COMMA,
    COMMENT,
    DEDENT,
    DOT,
    DOUBLESASH,
    DOUBLESASHEQUAL,
    DOUBLESTAR,
    DOUBLESTAREQUAL,
    ELLIPSIS,
    ENCODING,
    ENDMARKER,
    EQEQUAL,
    EQUAL,
    ERRORTOKEN,
    EXACT_TOKEN_TYPES,
    EXCLAMATION,
    FSTRING_END,
    FSTRING_MIDDLE,
    FSTRING_START,
    GREATER,
    GREATEREQUAL,
    INDENT,
    LBRACE,
    LEFTSHIFT,
    LEFTSHIFTEQUAL,
    LESS,
    LESSEQUAL,
    LPAR,
    LSQB,
    MINEQUAL,
    MINUS,
    N_TOKENS,
    NAME,
    NEWLINE,
    NL,
    NOTEQUAL,
```



```

NT_OFFSET,
NUMBER,
OP,
PERCENT,
PERCENTEQUAL,
PLUS,
PLUSEQUAL,
RARROW,
RBRACE,
RIGHTSHIFT,
RIGHTSHIFTEQUAL,
RPAR,
RSQB,
SEMI,
SLASH,
SLASHEQUAL,
SOFT_KEYWORD,
STAR,
STAREQUAL,
STRING,
TILDE,
tok_name,
TYPE_COMMENT,
TYPE_IGNORE,
VBAR,
VBAREQUAL
]

```

## Import statements

### # Classes

(none)

### # Functions

```

from token import ISEOF
from token import ISNONTERMINAL
from token import ISTERMINAL

```

### # Sentinels / Constants / Objects

```

from token import AMPER
from token import AMPEREQUAL
from token import ASYNC
from token import AT
from token import ATEQUAL
from token import AWAIT
from token import CIRCUMFLEX
from token import CIRCUMFLEXEQUAL
from token import COLON
from token import COLONEQUAL
from token import COMMA
from token import COMMENT
from token import DEDENT
from token import DOT
from token import DOUBLESASH
from token import DOUBLESASHEQUAL
from token import DOUBLESTAR
from token import DOUBLESTAREQUAL
from token import ELLIPSIS
from token import ENCODING
from token import ENDMARKER
from token import EQEQUAL
from token import EQUAL
from token import ERRORTOKEN
from token import EXACT_TOKEN_TYPES

```

```
from token import EXCLAMATION
from token import FSTRING_END
from token import FSTRING_MIDDLE
from token import FSTRING_START
from token import GREATER
from token import GREATEREQUAL
from token import INDENT
from token import LBRACE
from token import LEFTSHIFT
from token import LEFTSHIFTEQUAL
from token import LESS
from token import LESSEQUAL
from token import LPAR
from token import LSQB
from token import MINEQUAL
from token import MINUS
from token import N_TOKENS
from token import NAME
from token import NEWLINE
from token import NL
from token import NOTEQUAL
from token import NT_OFFSET
from token import NUMBER
from token import OP
from token import PERCENT
from token import PERCENTEQUAL
from token import PLUS
from token import PLUSEQUAL
from token import RARROW
from token import RBRACE
from token import RIGHTSHIFT
from token import RIGHTSHIFTEQUAL
from token import RPAR
from token import RSQB
from token import SEMI
from token import SLASH
from token import SLASHEQUAL
from token import SOFT_KEYWORD
from token import STAR
from token import STAREQUAL
from token import STRING
from token import TILDE
from token import tok_name
from token import TYPE_COMMENT
from token import TYPE_IGNORE
from token import VBAR
from token import VBAREQUAL
```

# tokenize

## Classes

```
[
    TokenInfo
]
```

## Functions

```
[
    detect_encoding,
    generate_tokens,
    ISEOF,
    ISNONTERMINAL,
    ISTERMINAL,
    tokenize,
    untokenize
]
```

## Sentinels / Constants / Objects

```
[
    AMPER,
    AMPEREQUAL,
    ASYNC,
    AT,
    ATEQUAL,
    AWAIT,
    CIRCUMFLEX,
    CIRCUMFLEXEQUAL,
    COLON,
    COLONEQUAL,
    COMMA,
    COMMENT,
    DEDENT,
    DOT,
    DOUBLESASH,
    DOUBLESASHEQUAL,
    DOUBLESTAR,
    DOUBLESTAREQUAL,
    ELLIPSIS,
    ENCODING,
    ENDMARKER,
    EQEQUAL,
    EQUAL,
    ERRORTOKEN,
    EXACT_TOKEN_TYPES,
    EXCLAMATION,
    FSTRING_END,
    FSTRING_MIDDLE,
    FSTRING_START,
    GREATER,
    GREATEREQUAL,
    INDENT,
    LBRACE,
    LEFTSHIFT,
    LEFTSHIFTEQUAL,
    LESS,
    LESSEQUAL,
    LPAR,
    LSQB,
    MINEQUAL,
```

```

MINUS,
N_TOKENS,
NAME,
NEWLINE,
NL,
NOTEQUAL,
NT_OFFSET,
NUMBER,
OP,
PERCENT,
PERCENTEQUAL,
PLUS,
PLUSEQUAL,
RARROW,
RBRACE,
RIGHTSHIFT,
RIGHTSHIFTEQUAL,
RPAR,
RSQB,
SEMI,
SLASH,
SLASHEQUAL,
SOFT_KEYWORD,
STAR,
STAREQUAL,
STRING,
TILDE,
tok_name,
TYPE_COMMENT,
TYPE_IGNORE,
VBAR,
VBAREQUAL
]

```

## Import statements

### # Classes

```
from tokenize import TokenInfo
```

### # Functions

```
from tokenize import detect_encoding
```

```
from tokenize import generate_tokens
```

```
from tokenize import ISEOF
```

```
from tokenize import ISNONTERMINAL
```

```
from tokenize import ISTERMINAL
```

```
from tokenize import tokenize
```

```
from tokenize import untokenize
```

### # Sentinels / Constants / Objects

```
from tokenize import AMPER
```

```
from tokenize import AMPEREQUAL
```

```
from tokenize import ASYNC
```

```
from tokenize import AT
```

```
from tokenize import ATEQUAL
```

```
from tokenize import AWAIT
```

```
from tokenize import CIRCUMFLEX
```

```
from tokenize import CIRCUMFLEXEQUAL
```

```
from tokenize import COLON
```

```
from tokenize import COLONEQUAL
```

```
from tokenize import COMMA
```

```
from tokenize import COMMENT
```

```
from tokenize import DEDENT
```

```
from tokenize import DOT
```

```
from tokenize import DOUBLESASH
```

```
from tokenize import DOUBLESLSHEQUAL
from tokenize import DOUBLESTAR
from tokenize import DOUBLESTAREQUAL
from tokenize import ELLIPSIS
from tokenize import ENCODING
from tokenize import ENDMARKER
from tokenize import EQEQUAL
from tokenize import EQUAL
from tokenize import ERRORTOKEN
from tokenize import EXACT_TOKEN_TYPES
from tokenize import EXCLAMATION
from tokenize import FSTRING_END
from tokenize import FSTRING_MIDDLE
from tokenize import FSTRING_START
from tokenize import GREATER
from tokenize import GREATEREQUAL
from tokenize import INDENT
from tokenize import LBRACE
from tokenize import LEFTSHIFT
from tokenize import LEFTSHIFTEQUAL
from tokenize import LESS
from tokenize import LESSEQUAL
from tokenize import LPAR
from tokenize import LSQB
from tokenize import MINEQUAL
from tokenize import MINUS
from tokenize import N_TOKENS
from tokenize import NAME
from tokenize import NEWLINE
from tokenize import NL
from tokenize import NOTEQUAL
from tokenize import NT_OFFSET
from tokenize import NUMBER
from tokenize import OP
from tokenize import PERCENT
from tokenize import PERCENTEQUAL
from tokenize import PLUS
from tokenize import PLUSEQUAL
from tokenize import RARROW
from tokenize import RBRACE
from tokenize import RIGHTSHIFT
from tokenize import RIGHTSHIFTEQUAL
from tokenize import RPAR
from tokenize import RSQB
from tokenize import SEMI
from tokenize import SLASH
from tokenize import SLASHEQUAL
from tokenize import SOFT_KEYWORD
from tokenize import STAR
from tokenize import STAREQUAL
from tokenize import STRING
from tokenize import TILDE
from tokenize import tok_name
from tokenize import TYPE_COMMENT
from tokenize import TYPE_IGNORE
from tokenize import VBAR
from tokenize import VBAREQUAL
```

# tomllib

## Classes

```
[
    TOMLDecodeError
]
```

## Functions

```
[
    load,
    loads
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from tomllib import TOMLDecodeError
```

### # Functions

```
from tomllib import load
```

```
from tomllib import loads
```

### # Sentinels / Constants / Objects

```
(none)
```

# trace

## Classes

```
[
    CoverageResults,
    Trace
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from trace import CoverageResults
from trace import Trace
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# traceback

## Classes

```
[
    FrameSummary,
    StackSummary,
    TracebackException
]
```

## Functions

```
[
    clear_frames,
    extract_stack,
    extract_tb,
    format_exc,
    format_exception,
    format_exception_only,
    format_list,
    format_stack,
    format_tb,
    print_exc,
    print_exception,
    print_last,
    print_stack,
    print_tb,
    walk_stack,
    walk_tb
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from traceback import FrameSummary
from traceback import StackSummary
from traceback import TracebackException
```

### # Functions

```
from traceback import clear_frames
from traceback import extract_stack
from traceback import extract_tb
from traceback import format_exc
from traceback import format_exception
from traceback import format_exception_only
from traceback import format_list
from traceback import format_stack
from traceback import format_tb
from traceback import print_exc
from traceback import print_exception
from traceback import print_last
from traceback import print_stack
from traceback import print_tb
from traceback import walk_stack
from traceback import walk_tb
```

### # Sentinels / Constants / Objects

```
(none)
```



# tracemalloc

## Classes

```
[
    BaseFilter,
    DomainFilter,
    Filter,
    Frame,
    Iterable,
    Sequence,
    Snapshot,
    Statistic,
    StatisticDiff,
    Trace,
    Traceback
]
```

## Functions

```
[
    clear_traces,
    get_object_traceback,
    get_traceback_limit,
    get_traced_memory,
    get_tracemalloc_memory,
    is_tracing,
    reset_peak,
    start,
    stop,
    take_snapshot,
    total_ordering
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from tracemalloc import BaseFilter
from tracemalloc import DomainFilter
from tracemalloc import Filter
from tracemalloc import Frame
from tracemalloc import Iterable
from tracemalloc import Sequence
from tracemalloc import Snapshot
from tracemalloc import Statistic
from tracemalloc import StatisticDiff
from tracemalloc import Trace
from tracemalloc import Traceback
```

### # Functions

```
from tracemalloc import clear_traces
from tracemalloc import get_object_traceback
from tracemalloc import get_traceback_limit
from tracemalloc import get_traced_memory
from tracemalloc import get_tracemalloc_memory
from tracemalloc import is_tracing
from tracemalloc import reset_peak
from tracemalloc import start
from tracemalloc import stop
from tracemalloc import take_snapshot
from tracemalloc import total_ordering
```

## # Sentinels / Constants / Objects

(none)

# tty

## Classes

[ ]

## Functions

```
[
    cfmakecbreak,
    cfmakeraw,
    setcbreak,
    setraw
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from tty import cfmakecbreak
from tty import cfmakeraw
from tty import setcbreak
from tty import setraw
```

### # Sentinels / Constants / Objects

(none)

# turtle

## Classes

```
[  
    Pen,  
    RawPen,  
    RawTurtle,  
    ScrolledCanvas,  
    Shape,  
    Terminator,  
    Turtle,  
    TurtleScreen,  
    Vec2D  
]
```

## Functions

```
[  
    addshape,  
    back,  
    backward,  
    begin_fill,  
    begin_poly,  
    bgcolor,  
    bgpic,  
    bk,  
    bye,  
    circle,  
    clear,  
    clearscreen,  
    clearstamp,  
    clearstamps,  
    clone,  
    color,  
    colormode,  
    degrees,  
    delay,  
    distance,  
    done,  
    dot,  
    down,  
    end_fill,  
    end_poly,  
    exitonclick,  
    fd,  
    fillcolor,  
    filling,  
    forward,  
    get_poly,  
    get_shapepoly,  
    getcanvas,  
    getpen,  
    getscreen,  
    getshapes,  
    getturtle,  
    goto,  
    heading,  
    hideturtle,  
    home,  
    ht,  
    isdown,  
]
```

isvisible,  
left,  
listen,  
lt,  
mainloop,  
mode,  
numinput,  
onclick,  
ondrag,  
onkey,  
onkeypress,  
onkeyrelease,  
onrelease,  
onscreenclick,  
ontimer,  
pd,  
pen,  
pencolor,  
pendown,  
pensize,  
penup,  
pos,  
position,  
pu,  
radians,  
register\_shape,  
reset,  
resetscreen,  
resizemode,  
right,  
rt,  
Screen,  
screensize,  
seth,  
setheading,  
setpos,  
setposition,  
settiltangle,  
setundobuffer,  
setup,  
setworldcoordinates,  
setx,  
sety,  
shape,  
shapeseize,  
shapetransform,  
shearfactor,  
showturtle,  
speed,  
st,  
stamp,  
teleport,  
textinput,  
tilt,  
tiltangle,  
title,  
towards,  
tracer,  
turtles,  
turtlesize,  
undo,  
undobufferentries,

```
up,  
update,  
width,  
window_height,  
window_width,  
write,  
write_docstringdict,  
xcor,  
ycor  
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from turtle import Pen  
from turtle import RawPen  
from turtle import RawTurtle  
from turtle import ScrolledCanvas  
from turtle import Shape  
from turtle import Terminator  
from turtle import Turtle  
from turtle import TurtleScreen  
from turtle import Vec2D
```

### # Functions

```
from turtle import addshape  
from turtle import back  
from turtle import backward  
from turtle import begin_fill  
from turtle import begin_poly  
from turtle import bgcolor  
from turtle import bgpic  
from turtle import bk  
from turtle import bye  
from turtle import circle  
from turtle import clear  
from turtle import clearscreen  
from turtle import clearstamp  
from turtle import clearstamps  
from turtle import clone  
from turtle import color  
from turtle import colormode  
from turtle import degrees  
from turtle import delay  
from turtle import distance  
from turtle import done  
from turtle import dot  
from turtle import down  
from turtle import end_fill  
from turtle import end_poly  
from turtle import exitonclick  
from turtle import fd  
from turtle import fillcolor  
from turtle import filling  
from turtle import forward  
from turtle import get_poly  
from turtle import get_shapepoly  
from turtle import getcanvas  
from turtle import getpen  
from turtle import getscreen
```

```
from turtle import getshapes
from turtle import getturtle
from turtle import goto
from turtle import heading
from turtle import hideturtle
from turtle import home
from turtle import ht
from turtle import isdown
from turtle import isvisible
from turtle import left
from turtle import listen
from turtle import lt
from turtle import mainloop
from turtle import mode
from turtle import numinput
from turtle import onclick
from turtle import ondrag
from turtle import onkey
from turtle import onkeypress
from turtle import onkeyrelease
from turtle import onrelease
from turtle import onclick
from turtle import ontimer
from turtle import pd
from turtle import pen
from turtle import pencolor
from turtle import pendown
from turtle import pensize
from turtle import penup
from turtle import pos
from turtle import position
from turtle import pu
from turtle import radians
from turtle import register_shape
from turtle import reset
from turtle import resetscreen
from turtle import resizemode
from turtle import right
from turtle import rt
from turtle import Screen
from turtle import screensize
from turtle import seth
from turtle import setheading
from turtle import setpos
from turtle import setposition
from turtle import settiltangle
from turtle import setundobuffer
from turtle import setup
from turtle import setworldcoordinates
from turtle import setx
from turtle import sety
from turtle import shape
from turtle import shapesize
from turtle import shapetransform
from turtle import shearfactor
from turtle import showturtle
from turtle import speed
from turtle import st
from turtle import stamp
from turtle import teleport
from turtle import textinput
from turtle import tilt
```

```
from turtle import tiltangle
from turtle import title
from turtle import towards
from turtle import tracer
from turtle import turtles
from turtle import turtlesize
from turtle import undo
from turtle import undobufferentries
from turtle import up
from turtle import update
from turtle import width
from turtle import window_height
from turtle import window_width
from turtle import write
from turtle import write_docstringdict
from turtle import xcor
from turtle import ycor
# Sentinels / Constants / Objects
(none)
```



# types

## Classes

```
[
    AsyncGeneratorType,
    BuiltinFunctionType,
    BuiltinMethodType,
    CellType,
    ClassMethodDescriptorType,
    CodeType,
    CoroutineType,
    DynamicClassAttribute,
    EllipsisType,
    FrameType,
    FunctionType,
    GeneratorType,
    GenericAlias,
    GetSetDescriptorType,
    LambdaType,
    MappingProxyType,
    MemberDescriptorType,
    MethodDescriptorType,
    MethodType,
    MethodWrapperType,
    ModuleType,
    NoneType,
    NotImplementedType,
    SimpleNamespace,
    TracebackType,
    UnionType,
    WrapperDescriptorType
]
```

## Functions

```
[
    coroutine,
    get_original_bases,
    new_class,
    prepare_class,
    resolve_bases
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from types import AsyncGeneratorType
from types import BuiltinFunctionType
from types import BuiltinMethodType
from types import CellType
from types import ClassMethodDescriptorType
from types import CodeType
from types import CoroutineType
from types import DynamicClassAttribute
from types import EllipsisType
from types import FrameType
from types import FunctionType
from types import GeneratorType
from types import GenericAlias
```

```
from types import GetSetDescriptorType
from types import LambdaType
from types import MappingProxyType
from types import MemberDescriptorType
from types import MethodDescriptorType
from types import MethodType
from types import MethodWrapperType
from types import ModuleType
from types import NoneType
from types import NotImplementedType
from types import SimpleNamespace
from types import TracebackType
from types import UnionType
from types import WrapperDescriptorType
```

#### **# Functions**

```
from types import coroutine
from types import get_original_bases
from types import new_class
from types import prepare_class
from types import resolve_bases
```

#### **# Sentinels / Constants / Objects**

```
(none)
```

# typing

## Classes

```
[
    Annotated,
    Any,
    BinaryIO,
    ForwardRef,
    Generic,
    IO,
    NewType,
    ParamSpec,
    ParamSpecArgs,
    ParamSpecKwargs,
    Protocol,
    SupportsAbs,
    SupportsBytes,
    SupportsComplex,
    SupportsFloat,
    SupportsIndex,
    SupportsInt,
    SupportsRound,
    Text,
    TextIO,
    TypeAliasType,
    TypeVar,
    TypeVarTuple
]
```

## Functions

```
[
    assert_never,
    assert_type,
    cast,
    clear_overloads,
    dataclass_transform,
    final,
    get_args,
    get_origin,
    get_overloads,
    get_type_hints,
    is_typeddict,
    NamedTuple,
    no_type_check,
    no_type_check_decorator,
    overload,
    override,
    reveal_type,
    runtime_checkable,
    TypedDict
]
```

## Sentinels / Constants / Objects

```
[
    AbstractSet,
    AnyStr,
    AsyncContextManager,
    AsyncGenerator,
    AsyncIterable,
    AsyncIterator,
```

```
Awaitable,  
ByteString,  
Callable,  
ChainMap,  
ClassVar,  
Collection,  
Concatenate,  
Container,  
ContextManager,  
Coroutine,  
Counter,  
DefaultDict,  
Deque,  
Dict,  
Final,  
FrozenSet,  
Generator,  
Hashable,  
ItemsView,  
Iterable,  
Iterator,  
KeysView,  
List,  
Literal,  
LiteralString,  
Mapping,  
MapView,  
Match,  
MutableMapping,  
MutableSequence,  
MutableSet,  
Never,  
NoReturn,  
NotRequired,  
Optional,  
OrderedDict,  
Pattern,  
Required,  
Reversible,  
Self,  
Sequence,  
Set,  
Sized,  
Tuple,  
Type,  
TYPE_CHECKING,  
TypeAlias,  
TypeGuard,  
Union,  
Unpack,  
ValuesView  
]
```

## Import statements

### # Classes

```
from typing import Annotated  
from typing import Any  
from typing import BinaryIO  
from typing import ForwardRef  
from typing import Generic  
from typing import IO
```

```
from typing import NewType
from typing import ParamSpec
from typing import ParamSpecArgs
from typing import ParamSpecKwargs
from typing import Protocol
from typing import SupportsAbs
from typing import SupportsBytes
from typing import SupportsComplex
from typing import SupportsFloat
from typing import SupportsIndex
from typing import SupportsInt
from typing import SupportsRound
from typing import Text
from typing import TextIO
from typing import TypeAliasType
from typing import TypeVar
from typing import TypeVarTuple
```

### **# Functions**

```
from typing import assert_never
from typing import assert_type
from typing import cast
from typing import clear_overloads
from typing import dataclass_transform
from typing import final
from typing import get_args
from typing import get_origin
from typing import get_overloads
from typing import get_type_hints
from typing import is_typeddict
from typing import NamedTuple
from typing import no_type_check
from typing import no_type_check_decorator
from typing import overload
from typing import override
from typing import reveal_type
from typing import runtime_checkable
from typing import TypedDict
```

### **# Sentinels / Constants / Objects**

```
from typing import AbstractSet
from typing import AnyStr
from typing import AsyncContextManager
from typing import AsyncGenerator
from typing import AsyncIterable
from typing import AsyncIterator
from typing import Awaitable
from typing import ByteString
from typing import Callable
from typing import ChainMap
from typing import ClassVar
from typing import Collection
from typing import Concatenate
from typing import Container
from typing import ContextManager
from typing import Coroutine
from typing import Counter
from typing import DefaultDict
from typing import Deque
from typing import Dict
from typing import Final
from typing import FrozenSet
from typing import Generator
from typing import Hashable
```

```
from typing import ItemsView
from typing import Iterable
from typing import Iterator
from typing import KeysView
from typing import List
from typing import Literal
from typing import LiteralString
from typing import Mapping
from typing import MappingView
from typing import Match
from typing import MutableMapping
from typing import MutableSequence
from typing import MutableSet
from typing import Never
from typing import NoReturn
from typing import NotRequired
from typing import Optional
from typing import OrderedDict
from typing import Pattern
from typing import Required
from typing import Reversible
from typing import Self
from typing import Sequence
from typing import Set
from typing import Sized
from typing import Tuple
from typing import Type
from typing import TYPE_CHECKING
from typing import TypeAlias
from typing import TypeGuard
from typing import Union
from typing import Unpack
from typing import ValuesView
```

# unicodedata

## Classes

```
[  
    UCD  
]
```

## Functions

```
[  
    bidirectional,  
    category,  
    combining,  
    decimal,  
    decomposition,  
    digit,  
    east_asian_width,  
    is_normalized,  
    lookup,  
    mirrored,  
    name,  
    normalize,  
    numeric  
]
```

## Sentinels / Constants / Objects

```
[  
    ucd_3_2_0,  
    unidata_version  
]
```

## Import statements

### # Classes

```
from unicodedata import UCD
```

### # Functions

```
from unicodedata import bidirectional  
from unicodedata import category  
from unicodedata import combining  
from unicodedata import decimal  
from unicodedata import decomposition  
from unicodedata import digit  
from unicodedata import east_asian_width  
from unicodedata import is_normalized  
from unicodedata import lookup  
from unicodedata import mirrored  
from unicodedata import name  
from unicodedata import normalize  
from unicodedata import numeric
```

### # Sentinels / Constants / Objects

```
from unicodedata import ucd_3_2_0  
from unicodedata import unidata_version
```

# unittest

## Classes

```
[
    FunctionTestCase,
    IsolatedAsyncioTestCase,
    main,
    SkipTest,
    TestCase,
    TestLoader,
    TestResult,
    TestSuite,
    TextTestResult,
    TextTestRunner
]
```

## Functions

```
[
    addModuleCleanup,
    doModuleCleanups,
    enterModuleContext,
    expectedFailure,
    findTestCases,
    getTestCaseNames,
    installHandler,
    makeSuite,
    registerResult,
    removeHandler,
    removeResult,
    skip,
    skipIf,
    skipUnless
]
```

## Sentinels / Constants / Objects

```
[
    defaultTestLoader
]
```

## Import statements

### # Classes

```
from unittest import FunctionTestCase
from unittest import IsolatedAsyncioTestCase
from unittest import main
from unittest import SkipTest
from unittest import TestCase
from unittest import TestLoader
from unittest import TestResult
from unittest import TestSuite
from unittest import TextTestResult
from unittest import TextTestRunner
```

### # Functions

```
from unittest import addModuleCleanup
from unittest import doModuleCleanups
from unittest import enterModuleContext
from unittest import expectedFailure
from unittest import findTestCases
from unittest import getTestCaseNames
from unittest import installHandler
from unittest import makeSuite
```



```
from unittest import registerResult
from unittest import removeHandler
from unittest import removeResult
from unittest import skip
from unittest import skipIf
from unittest import skipUnless
# Sentinels / Constants / Objects
from unittest import defaultTestLoader
```

# urllib

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# uu

## Classes

```
[
    Error
]
```

## Functions

```
[
    decode,
    encode
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from uu import Error
```

### # Functions

```
from uu import decode
```

```
from uu import encode
```

### # Sentinels / Constants / Objects

```
(none)
```

# uuid

## Classes

```
[
    bytes_,
    Enum,
    int_,
    SafeUUID,
    UUID
]
```

## Functions

```
[
    getnode,
    main,
    uuid1,
    uuid3,
    uuid4,
    uuid5
]
```

## Sentinels / Constants / Objects

```
[
    NAMESPACE_DNS,
    NAMESPACE_OID,
    NAMESPACE_URL,
    NAMESPACE_X500,
    RESERVED_FUTURE,
    RESERVED_MICROSOFT,
    RESERVED_NCS,
    RFC_4122
]
```

## Import statements

### # Classes

```
from uuid import bytes_
from uuid import Enum
from uuid import int_
from uuid import SafeUUID
from uuid import UUID
```

### # Functions

```
from uuid import getnode
from uuid import main
from uuid import uuid1
from uuid import uuid3
from uuid import uuid4
from uuid import uuid5
```

### # Sentinels / Constants / Objects

```
from uuid import NAMESPACE_DNS
from uuid import NAMESPACE_OID
from uuid import NAMESPACE_URL
from uuid import NAMESPACE_X500
from uuid import RESERVED_FUTURE
from uuid import RESERVED_MICROSOFT
from uuid import RESERVED_NCS
from uuid import RFC_4122
```

# venv

## Classes

```
[
    EnvBuilder
]
```

## Functions

```
[
    create,
    main
]
```

## Sentinels / Constants / Objects

```
[
    CORE_VENV_DEPS,
    logger
]
```

## Import statements

### # Classes

```
from venv import EnvBuilder
```

### # Functions

```
from venv import create
```

```
from venv import main
```

### # Sentinels / Constants / Objects

```
from venv import CORE_VENV_DEPS
```

```
from venv import logger
```

# warnings

## Classes

```
[  
    catch_warnings  
]
```

## Functions

```
[  
    filterwarnings,  
    formatwarning,  
    resetwarnings,  
    showwarning,  
    simplefilter,  
    warn,  
    warn_explicit  
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from warnings import catch_warnings
```

### # Functions

```
from warnings import filterwarnings
```

```
from warnings import formatwarning
```

```
from warnings import resetwarnings
```

```
from warnings import showwarning
```

```
from warnings import simplefilter
```

```
from warnings import warn
```

```
from warnings import warn_explicit
```

### # Sentinels / Constants / Objects

```
(none)
```

# wave

## Classes

```
[
    Error,
    Wave_read,
    Wave_write
]
```

## Functions

```
[
    open
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from wave import Error
from wave import Wave_read
from wave import Wave_write
```

### # Functions

```
from wave import open
```

### # Sentinels / Constants / Objects

```
(none)
```

# weakref

## Classes

```
[
    CallableProxyType,
    finalize,
    ProxyType,
    ref,
    ReferenceType,
    WeakKeyDictionary,
    WeakMethod,
    WeakSet,
    WeakValueDictionary
]
```

## Functions

```
[
    getweakrefcount,
    getweakrefs,
    proxy
]
```

## Sentinels / Constants / Objects

```
[
    ProxyTypes
]
```

## Import statements

### # Classes

```
from weakref import CallableProxyType
from weakref import finalize
from weakref import ProxyType
from weakref import ref
from weakref import ReferenceType
from weakref import WeakKeyDictionary
from weakref import WeakMethod
from weakref import WeakSet
from weakref import WeakValueDictionary
```

### # Functions

```
from weakref import getweakrefcount
from weakref import getweakrefs
from weakref import proxy
```

### # Sentinels / Constants / Objects

```
from weakref import ProxyTypes
```



# webbrowser

## Classes

```
[
    Error
]
```

## Functions

```
[
    get,
    open,
    open_new,
    open_new_tab,
    register
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from webbrowser import Error
```

### # Functions

```
from webbrowser import get
from webbrowser import open
from webbrowser import open_new
from webbrowser import open_new_tab
from webbrowser import register
```

### # Sentinels / Constants / Objects

```
(none)
```

# wsgiref

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# xdrlib

## Classes

```
[
    ConversionError,
    Error,
    Packer,
    Unpacker
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from xdrlib import ConversionError
from xdrlib import Error
from xdrlib import Packer
from xdrlib import Unpacker
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# xml

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# xmlrpc

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# zipapp

## Classes

```
[
    ZipAppError
]
```

## Functions

```
[
    create_archive,
    get_interpreter
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from zipapp import ZipAppError
```

### # Functions

```
from zipapp import create_archive
```

```
from zipapp import get_interpreter
```

### # Sentinels / Constants / Objects

```
(none)
```

# zipfile

## Classes

```
[
    BadZipFile,
    BadZipfile,
    error,
    LargeZipFile,
    Path,
    PyZipFile,
    ZipFile,
    ZipInfo
]
```

## Functions

```
[
    is_zipfile
]
```

## Sentinels / Constants / Objects

```
[
    ZIP_BZIP2,
    ZIP_DEFLATED,
    ZIP_LZMA,
    ZIP_STORED
]
```

## Import statements

### # Classes

```
from zipfile import BadZipFile
from zipfile import BadZipfile
from zipfile import error
from zipfile import LargeZipFile
from zipfile import Path
from zipfile import PyZipFile
from zipfile import ZipFile
from zipfile import ZipInfo
```

### # Functions

```
from zipfile import is_zipfile
```

### # Sentinels / Constants / Objects

```
from zipfile import ZIP_BZIP2
from zipfile import ZIP_DEFLATED
from zipfile import ZIP_LZMA
from zipfile import ZIP_STORED
```

# zipimport

## Classes

```
[
    zipimporter,
    ZipImportError
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from zipimport import zipimporter
from zipimport import ZipImportError
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```



# zlib

## Classes

```
[  
    error  
]
```

## Functions

```
[  
    adler32,  
    compress,  
    compressobj,  
    crc32,  
    decompress,  
    decompressobj  
]
```

## Sentinels / Constants / Objects

```
[  
    DEF_BUF_SIZE,  
    DEF_MEM_LEVEL,  
    DEFLATED,  
    MAX_WBITS,  
    Z_BEST_COMPRESSION,  
    Z_BEST_SPEED,  
    Z_BLOCK,  
    Z_DEFAULT_COMPRESSION,  
    Z_DEFAULT_STRATEGY,  
    Z_FILTERED,  
    Z_FINISH,  
    Z_FIXED,  
    Z_FULL_FLUSH,  
    Z_HUFFMAN_ONLY,  
    Z_NO_COMPRESSION,  
    Z_NO_FLUSH,  
    Z_PARTIAL_FLUSH,  
    Z_RLE,  
    Z_SYNC_FLUSH,  
    Z_TREES,  
    ZLIB_RUNTIME_VERSION,  
    ZLIB_VERSION  
]
```

## Import statements

### # Classes

```
from zlib import error
```

### # Functions

```
from zlib import adler32  
from zlib import compress  
from zlib import compressobj  
from zlib import crc32  
from zlib import decompress  
from zlib import decompressobj
```

### # Sentinels / Constants / Objects

```
from zlib import DEF_BUF_SIZE  
from zlib import DEF_MEM_LEVEL  
from zlib import DEFLATED  
from zlib import MAX_WBITS  
from zlib import Z_BEST_COMPRESSION  
from zlib import Z_BEST_SPEED
```

```
from zlib import Z_BLOCK
from zlib import Z_DEFAULT_COMPRESSION
from zlib import Z_DEFAULT_STRATEGY
from zlib import Z_FILTERED
from zlib import Z_FINISH
from zlib import Z_FIXED
from zlib import Z_FULL_FLUSH
from zlib import Z_HUFFMAN_ONLY
from zlib import Z_NO_COMPRESSION
from zlib import Z_NO_FLUSH
from zlib import Z_PARTIAL_FLUSH
from zlib import Z_RLE
from zlib import Z_SYNC_FLUSH
from zlib import Z_TREES
from zlib import ZLIB_RUNTIME_VERSION
from zlib import ZLIB_VERSION
```

# zoneinfo

## Classes

```
[
    InvalidTZPathWarning,
    ZoneInfo,
    ZoneInfoNotFoundError
]
```

## Functions

```
[
    available_timezones,
    reset_tzpath
]
```

## Sentinels / Constants / Objects

```
[
    TZPATH
]
```

## Import statements

### # Classes

```
from zoneinfo import InvalidTZPathWarning
from zoneinfo import ZoneInfo
from zoneinfo import ZoneInfoNotFoundError
```

### # Functions

```
from zoneinfo import available_timezones
from zoneinfo import reset_tzpath
```

### # Sentinels / Constants / Objects

```
from zoneinfo import TZPATH
```

# asyncio.base\_events

## Classes

```
[
    BaseEventLoop,
    Server
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from asyncio.base_events import BaseEventLoop
from asyncio.base_events import Server
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# asyncio.base\_futures

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# asyncio.base\_subprocess

## Classes

```
[
    BaseSubprocessTransport,
    ReadSubprocessPipeProto,
    WriteSubprocessPipeProto
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[
    logger
]
```

## Import statements

### # Classes

```
from asyncio.base_subprocess import BaseSubprocessTransport
from asyncio.base_subprocess import ReadSubprocessPipeProto
from asyncio.base_subprocess import WriteSubprocessPipeProto
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
from asyncio.base_subprocess import logger
```

# asyncio.base\_tasks

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# asyncio.constants

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

```
[
    ACCEPT_RETRY_DELAY,
    DEBUG_STACK_DEPTH,
    FLOW_CONTROL_HIGH_WATER_SSL_READ,
    FLOW_CONTROL_HIGH_WATER_SSL_WRITE,
    LOG_THRESHOLD_FOR_CONNLOST_WRITES,
    SENDFILE_FALLBACK_READBUFFER_SIZE,
    SSL_HANDSHAKE_TIMEOUT,
    SSL_SHUTDOWN_TIMEOUT,
    THREAD_JOIN_TIMEOUT
]
```

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

```
from asyncio.constants import ACCEPT_RETRY_DELAY
from asyncio.constants import DEBUG_STACK_DEPTH
from asyncio.constants import FLOW_CONTROL_HIGH_WATER_SSL_READ
from asyncio.constants import FLOW_CONTROL_HIGH_WATER_SSL_WRITE
from asyncio.constants import LOG_THRESHOLD_FOR_CONNLOST_WRITES
from asyncio.constants import SENDFILE_FALLBACK_READBUFFER_SIZE
from asyncio.constants import SSL_HANDSHAKE_TIMEOUT
from asyncio.constants import SSL_SHUTDOWN_TIMEOUT
from asyncio.constants import THREAD_JOIN_TIMEOUT
```



# asyncio.coroutines

## Classes

[ ]

## Functions

```
[
    iscoroutine,
    iscoroutinefunction
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from asyncio.coroutines import iscoroutine
from asyncio.coroutines import iscoroutinefunction
```

### # Sentinels / Constants / Objects

(none)

# asyncio.events

## Classes

```
[
    AbstractEventLoop,
    AbstractEventLoopPolicy,
    AbstractServer,
    Handle,
    TimerHandle
]
```

## Functions

```
[
    get_child_watcher,
    get_event_loop,
    get_event_loop_policy,
    get_running_loop,
    new_event_loop,
    set_child_watcher,
    set_event_loop,
    set_event_loop_policy
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from asyncio.events import AbstractEventLoop
from asyncio.events import AbstractEventLoopPolicy
from asyncio.events import AbstractServer
from asyncio.events import Handle
from asyncio.events import TimerHandle
```

### # Functions

```
from asyncio.events import get_child_watcher
from asyncio.events import get_event_loop
from asyncio.events import get_event_loop_policy
from asyncio.events import get_running_loop
from asyncio.events import new_event_loop
from asyncio.events import set_child_watcher
from asyncio.events import set_event_loop
from asyncio.events import set_event_loop_policy
```

### # Sentinels / Constants / Objects

```
(none)
```

# asyncio.exceptions

## Classes

```
[
    BrokenBarrierError,
    CancelledError,
    IncompleteReadError,
    InvalidStateError,
    LimitOverrunError,
    SendfileNotAvailableError,
    TimeoutError
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from asyncio.exceptions import BrokenBarrierError
from asyncio.exceptions import CancelledError
from asyncio.exceptions import IncompleteReadError
from asyncio.exceptions import InvalidStateError
from asyncio.exceptions import LimitOverrunError
from asyncio.exceptions import SendfileNotAvailableError
from asyncio.exceptions import TimeoutError
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# asyncio.format\_helpers

## Classes

[ ]

## Functions

```
[  
    extract_stack  
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from asyncio.format_helpers import extract_stack
```

### # Sentinels / Constants / Objects

(none)

# asyncio.futures

## Classes

```
[
    Future
]
```

## Functions

```
[
    isfuture,
    wrap_future
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from asyncio.futures import Future
```

### # Functions

```
from asyncio.futures import isfuture
```

```
from asyncio.futures import wrap_future
```

### # Sentinels / Constants / Objects

```
(none)
```

# asyncio.locks

## Classes

```
[
    Barrier,
    BoundedSemaphore,
    Condition,
    Event,
    Lock,
    Semaphore
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from asyncio.locks import Barrier
from asyncio.locks import BoundedSemaphore
from asyncio.locks import Condition
from asyncio.locks import Event
from asyncio.locks import Lock
from asyncio.locks import Semaphore
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# asyncio.log

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

```
[  
    logger  
]
```

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

```
from asyncio.log import logger
```

# asyncio.mixins

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)



# asyncio.proactor\_events

## Classes

```
[
    BaseProactorEventLoop
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from asyncio.proactor_events import BaseProactorEventLoop
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# asyncio.protocols

## Classes

```
[
    BaseProtocol,
    BufferedProtocol,
    DatagramProtocol,
    Protocol,
    SubprocessProtocol
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from asyncio.protocols import BaseProtocol
from asyncio.protocols import BufferedProtocol
from asyncio.protocols import DatagramProtocol
from asyncio.protocols import Protocol
from asyncio.protocols import SubprocessProtocol
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# asyncio.queues

## Classes

```
[
    LifoQueue,
    PriorityQueue,
    Queue,
    QueueEmpty,
    QueueFull
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from asyncio.queues import LifoQueue
from asyncio.queues import PriorityQueue
from asyncio.queues import Queue
from asyncio.queues import QueueEmpty
from asyncio.queues import QueueFull
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# asyncio.runners

## Classes

```
[
    Runner
]
```

## Functions

```
[
    run
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from asyncio.runners import Runner
```

### # Functions

```
from asyncio.runners import run
```

### # Sentinels / Constants / Objects

```
(none)
```

# asyncio.selector\_events

## Classes

```
[
    BaseSelectorEventLoop
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from asyncio.selector_events import BaseSelectorEventLoop
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# asyncio.sslproto

## Classes

```
[
    AppProtocolState,
    SSLProtocol,
    SSLProtocolState
]
```

## Functions

```
[
    add_flowcontrol_defaults
]
```

## Sentinels / Constants / Objects

```
[
    logger,
    SSLAgainErrors
]
```

## Import statements

### # Classes

```
from asyncio.sslproto import AppProtocolState
from asyncio.sslproto import SSLProtocol
from asyncio.sslproto import SSLProtocolState
```

### # Functions

```
from asyncio.sslproto import add_flowcontrol_defaults
```

### # Sentinels / Constants / Objects

```
from asyncio.sslproto import logger
from asyncio.sslproto import SSLAgainErrors
```

# asyncio.staggered

## Classes

[ ]

## Functions

```
[
    staggered_race
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from asyncio.staggered import staggered_race
```

### # Sentinels / Constants / Objects

(none)

# asyncio.streams

## Classes

```
[
    StreamReader,
    StreamReaderProtocol,
    StreamWriter
]
```

## Functions

```
[
    open_connection,
    open_unix_connection,
    start_server,
    start_unix_server
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from asyncio.streams import StreamReader
from asyncio.streams import StreamReaderProtocol
from asyncio.streams import StreamWriter
```

### # Functions

```
from asyncio.streams import open_connection
from asyncio.streams import open_unix_connection
from asyncio.streams import start_server
from asyncio.streams import start_unix_server
```

### # Sentinels / Constants / Objects

```
(none)
```



# asyncio.subprocess

## Classes

[ ]

## Functions

```
[
    create_subprocess_exec,
    create_subprocess_shell
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from asyncio.subprocess import create_subprocess_exec
from asyncio.subprocess import create_subprocess_shell
```

### # Sentinels / Constants / Objects

(none)

# asyncio.taskgroups

## Classes

```
[
    TaskGroup
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from asyncio.taskgroups import TaskGroup
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# asyncio.tasks

## Classes

```
[
    Task
]
```

## Functions

```
[
    all_tasks,
    as_completed,
    create_eager_task_factory,
    create_task,
    current_task,
    eager_task_factory,
    ensure_future,
    gather,
    run_coroutine_threadsafe,
    shield,
    sleep,
    wait,
    wait_for
]
```

## Sentinels / Constants / Objects

```
[
    ALL_COMPLETED,
    FIRST_COMPLETED,
    FIRST_EXCEPTION
]
```

## Import statements

### # Classes

```
from asyncio.tasks import Task
```

### # Functions

```
from asyncio.tasks import all_tasks
from asyncio.tasks import as_completed
from asyncio.tasks import create_eager_task_factory
from asyncio.tasks import create_task
from asyncio.tasks import current_task
from asyncio.tasks import eager_task_factory
from asyncio.tasks import ensure_future
from asyncio.tasks import gather
from asyncio.tasks import run_coroutine_threadsafe
from asyncio.tasks import shield
from asyncio.tasks import sleep
from asyncio.tasks import wait
from asyncio.tasks import wait_for
```

### # Sentinels / Constants / Objects

```
from asyncio.tasks import ALL_COMPLETED
from asyncio.tasks import FIRST_COMPLETED
from asyncio.tasks import FIRST_EXCEPTION
```

# asyncio.threads

## Classes

[ ]

## Functions

```
[  
    to_thread  
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from asyncio.threads import to_thread
```

### # Sentinels / Constants / Objects

(none)

# asyncio.timeouts

## Classes

```
[
    Timeout
]
```

## Functions

```
[
    timeout,
    timeout_at
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from asyncio.timeouts import Timeout
```

### # Functions

```
from asyncio.timeouts import timeout
```

```
from asyncio.timeouts import timeout_at
```

### # Sentinels / Constants / Objects

```
(none)
```

# asyncio.transports

## Classes

```
[
    BaseTransport,
    DatagramTransport,
    ReadTransport,
    SubprocessTransport,
    Transport,
    WriteTransport
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from asyncio.transports import BaseTransport
from asyncio.transports import DatagramTransport
from asyncio.transports import ReadTransport
from asyncio.transports import SubprocessTransport
from asyncio.transports import Transport
from asyncio.transports import WriteTransport
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# asyncio.trsock

## Classes

```
[
    TransportSocket
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from asyncio.trsock import TransportSocket
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# asyncio.unix\_events

## Classes

```
[
    AbstractChildWatcher,
    DefaultEventLoopPolicy,
    FastChildWatcher,
    MultiLoopChildWatcher,
    PidfdChildWatcher,
    SafeChildWatcher,
    SelectorEventLoop,
    ThreadedChildWatcher
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from asyncio.unix_events import AbstractChildWatcher
from asyncio.unix_events import DefaultEventLoopPolicy
from asyncio.unix_events import FastChildWatcher
from asyncio.unix_events import MultiLoopChildWatcher
from asyncio.unix_events import PidfdChildWatcher
from asyncio.unix_events import SafeChildWatcher
from asyncio.unix_events import SelectorEventLoop
from asyncio.unix_events import ThreadedChildWatcher
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```



# asyncio.windows\_events

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# asyncio.windows\_utils

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# collections.abc

## Classes

```
[
    AsyncGenerator,
    AsyncIterable,
    AsyncIterator,
    Awaitable,
    Buffer,
    ByteString,
    Callable,
    Collection,
    Container,
    Coroutine,
    Generator,
    Hashable,
    ItemsView,
    Iterable,
    Iterator,
    KeysView,
    Mapping,
    MappingView,
    MutableMapping,
    MutableSequence,
    MutableSet,
    Reversible,
    Sequence,
    Set,
    Sized,
    ValuesView
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from collections.abc import AsyncGenerator
from collections.abc import AsyncIterable
from collections.abc import AsyncIterator
from collections.abc import Awaitable
from collections.abc import Buffer
from collections.abc import ByteString
from collections.abc import Callable
from collections.abc import Collection
from collections.abc import Container
from collections.abc import Coroutine
from collections.abc import Generator
from collections.abc import Hashable
from collections.abc import ItemsView
from collections.abc import Iterable
from collections.abc import Iterator
from collections.abc import KeysView
from collections.abc import Mapping
from collections.abc import MappingView
from collections.abc import MutableMapping
from collections.abc import MutableSequence
```

```
from collections.abc import MutableSet
from collections.abc import Reversible
from collections.abc import Sequence
from collections.abc import Set
from collections.abc import Sized
from collections.abc import ValuesView
```

### **# Functions**

(none)

### **# Sentinels / Constants / Objects**

(none)

# concurrent.futures

## Classes

```
[
    BrokenExecutor,
    CancelledError,
    Executor,
    Future,
    InvalidStateError,
    ProcessPoolExecutor,
    ThreadPoolExecutor,
    TimeoutError
]
```

## Functions

```
[
    as_completed,
    wait
]
```

## Sentinels / Constants / Objects

```
[
    ALL_COMPLETED,
    FIRST_COMPLETED,
    FIRST_EXCEPTION
]
```

## Import statements

### # Classes

```
from concurrent.futures import BrokenExecutor
from concurrent.futures import CancelledError
from concurrent.futures import Executor
from concurrent.futures import Future
from concurrent.futures import InvalidStateError
from concurrent.futures import ProcessPoolExecutor
from concurrent.futures import ThreadPoolExecutor
from concurrent.futures import TimeoutError
```

### # Functions

```
from concurrent.futures import as_completed
from concurrent.futures import wait
```

### # Sentinels / Constants / Objects

```
from concurrent.futures import ALL_COMPLETED
from concurrent.futures import FIRST_COMPLETED
from concurrent.futures import FIRST_EXCEPTION
```

# ctypes.util

## Classes

[]

## Functions

```
[
    find_library,
    test
]
```

## Sentinels / Constants / Objects

[]

## Import statements

### # Classes

(none)

### # Functions

```
from ctypes.util import find_library
from ctypes.util import test
```

### # Sentinels / Constants / Objects

(none)

# ctypes.wintypes

## Classes

```
[
    ATOM,
    BOOL,
    BOOLEAN,
    BYTE,
    CHAR,
    COLORREF,
    DOUBLE,
    DWORD,
    FILETIME,
    FLOAT,
    HACCEL,
    HANDLE,
    HBITMAP,
    HBRUSH,
    HCOLORSPACE,
    HDC,
    HDESK,
    HDWP,
    HENHMETAFILE,
    HFONT,
    HGDIOBJ,
    HGLOBAL,
    HHOOK,
    HICON,
    HINSTANCE,
    HKEY,
    HKL,
    HLOCAL,
    HMENU,
    HMETAFILE,
    HMODULE,
    HMONITOR,
    HPALETTE,
    HPEN,
    HRGN,
    HRSRC,
    HSTR,
    HTASK,
    HWINSTA,
    HWND,
    INT,
    LANGID,
    LARGE_INTEGER,
    LCID,
    LCTYPE,
    LGRPID,
    LONG,
    LPARAM,
    LPBOOL,
    LPBYTE,
    LPCOLESTR,
    LPCOLORREF,
    LPCSTR,
    LPCVOID,
    LPCWSTR,
    LPDWORD,
```

LPFILETIME,  
LPHANDLE,  
LPHKL,  
LPINT,  
LPLONG,  
LPMSG,  
LPOLESTR,  
LPPOINT,  
LPRECT,  
LPRECTL,  
LPSC\_HANDLE,  
LPsize,  
LPSIZEL,  
LPSTR,  
LPUINT,  
LPVOID,  
LPWIN32\_FIND\_DATAA,  
LPWIN32\_FIND\_DATAW,  
LPWORD,  
LPWSTR,  
MSG,  
OLESTR,  
PBOOL,  
PBOOLEAN,  
PBYTE,  
PCHAR,  
PDWORD,  
PFILETIME,  
PFLOAT,  
PHANDLE,  
PHKEY,  
PINT,  
PLARGE\_INTEGER,  
PLCID,  
PLONG,  
PMSG,  
POINT,  
POINTL,  
PPOINT,  
PPOINTL,  
PRECT,  
PRECTL,  
PSHORT,  
PSIZE,  
PSIZEL,  
PSMALL\_RECT,  
PUINT,  
PULARGE\_INTEGER,  
PULONG,  
PUSHORT,  
PWCHAR,  
PWIN32\_FIND\_DATAA,  
PWIN32\_FIND\_DATAW,  
PWORD,  
RECT,  
RECTL,  
SC\_HANDLE,  
SERVICE\_STATUS\_HANDLE,  
SHORT,  
SIZE,  
SIZEL,  
SMALL\_RECT,



```

tagMSG,
tagPOINT,
tagRECT,
tagSIZE,
UINT,
ULARGE_INTEGER,
ULONG,
USHORT,
VARIANT_BOOL,
WCHAR,
WIN32_FIND_DATAA,
WIN32_FIND_DATAW,
WORD,
WPARAM
]

```

## Functions

```

[
    RGB
]

```

## Sentinels / Constants / Objects

```

[
    MAX_PATH
]

```

## Import statements

### # Classes

```

from ctypes.wintypes import ATOM
from ctypes.wintypes import BOOL
from ctypes.wintypes import BOOLEAN
from ctypes.wintypes import BYTE
from ctypes.wintypes import CHAR
from ctypes.wintypes import COLORREF
from ctypes.wintypes import DOUBLE
from ctypes.wintypes import DWORD
from ctypes.wintypes import FILETIME
from ctypes.wintypes import FLOAT
from ctypes.wintypes import HACCEL
from ctypes.wintypes import HANDLE
from ctypes.wintypes import HBITMAP
from ctypes.wintypes import HBRUSH
from ctypes.wintypes import HCOLORSPACE
from ctypes.wintypes import HDC
from ctypes.wintypes import HDESK
from ctypes.wintypes import HDWP
from ctypes.wintypes import HENHMETAFILE
from ctypes.wintypes import HFONT
from ctypes.wintypes import HGDIOBJ
from ctypes.wintypes import HGLOBAL
from ctypes.wintypes import HHOOK
from ctypes.wintypes import HICON
from ctypes.wintypes import HINSTANCE
from ctypes.wintypes import HKEY
from ctypes.wintypes import HKL
from ctypes.wintypes import HLOCAL
from ctypes.wintypes import HMENU
from ctypes.wintypes import HMETAFILE
from ctypes.wintypes import HMODULE
from ctypes.wintypes import HMONITOR
from ctypes.wintypes import HPALETTE

```

```
from ctypes.wintypes import HPEN
from ctypes.wintypes import HRGN
from ctypes.wintypes import HRSRC
from ctypes.wintypes import HSTR
from ctypes.wintypes import HTASK
from ctypes.wintypes import HWINSTA
from ctypes.wintypes import HWND
from ctypes.wintypes import INT
from ctypes.wintypes import LANGID
from ctypes.wintypes import LARGE_INTEGER
from ctypes.wintypes import LCID
from ctypes.wintypes import LCTYPE
from ctypes.wintypes import LGRPID
from ctypes.wintypes import LONG
from ctypes.wintypes import LPARAM
from ctypes.wintypes import LPBOOL
from ctypes.wintypes import LPBYTE
from ctypes.wintypes import LPCOLESTR
from ctypes.wintypes import LPCOLORREF
from ctypes.wintypes import LPCSTR
from ctypes.wintypes import LPCVOID
from ctypes.wintypes import LPCWSTR
from ctypes.wintypes import LPDWORD
from ctypes.wintypes import LPFILETIME
from ctypes.wintypes import LPHANDLE
from ctypes.wintypes import LPHKL
from ctypes.wintypes import LPINT
from ctypes.wintypes import LPLONG
from ctypes.wintypes import LPMSG
from ctypes.wintypes import LPOLESTR
from ctypes.wintypes import LPPOINT
from ctypes.wintypes import LPRECT
from ctypes.wintypes import LPRECTL
from ctypes.wintypes import LPSC_HANDLE
from ctypes.wintypes import LP_SIZE
from ctypes.wintypes import LP_SIZE_L
from ctypes.wintypes import LPSTR
from ctypes.wintypes import LPUINT
from ctypes.wintypes import LPVOID
from ctypes.wintypes import LPWIN32_FIND_DATAA
from ctypes.wintypes import LPWIN32_FIND_DATAW
from ctypes.wintypes import LPWORD
from ctypes.wintypes import LPWSTR
from ctypes.wintypes import MSG
from ctypes.wintypes import OLESTR
from ctypes.wintypes import PBOOL
from ctypes.wintypes import PBOOLEAN
from ctypes.wintypes import PBYTE
from ctypes.wintypes import PCHAR
from ctypes.wintypes import PDWORD
from ctypes.wintypes import PFILETIME
from ctypes.wintypes import PFLOAT
from ctypes.wintypes import PHANDLE
from ctypes.wintypes import PHKEY
from ctypes.wintypes import PINT
from ctypes.wintypes import PLARGE_INTEGER
from ctypes.wintypes import PLCID
from ctypes.wintypes import PLONG
from ctypes.wintypes import PMSG
from ctypes.wintypes import POINT
from ctypes.wintypes import POINTL
from ctypes.wintypes import PPOINT
```

```
from ctypes.wintypes import PPOINTL
from ctypes.wintypes import PRECT
from ctypes.wintypes import PRECTL
from ctypes.wintypes import PSHORT
from ctypes.wintypes import PSIZE
from ctypes.wintypes import PSIZEL
from ctypes.wintypes import PSMALL_RECT
from ctypes.wintypes import PUINT
from ctypes.wintypes import PULARGE_INTEGER
from ctypes.wintypes import PULONG
from ctypes.wintypes import PUSHORT
from ctypes.wintypes import PWCHAR
from ctypes.wintypes import PWIN32_FIND_DATAA
from ctypes.wintypes import PWIN32_FIND_DATAW
from ctypes.wintypes import PWORD
from ctypes.wintypes import RECT
from ctypes.wintypes import RECTL
from ctypes.wintypes import SC_HANDLE
from ctypes.wintypes import SERVICE_STATUS_HANDLE
from ctypes.wintypes import SHORT
from ctypes.wintypes import SIZE
from ctypes.wintypes import SIZEL
from ctypes.wintypes import SMALL_RECT
from ctypes.wintypes import tagMSG
from ctypes.wintypes import tagPOINT
from ctypes.wintypes import tagRECT
from ctypes.wintypes import tagSIZE
from ctypes.wintypes import UINT
from ctypes.wintypes import ULARGE_INTEGER
from ctypes.wintypes import ULONG
from ctypes.wintypes import USHORT
from ctypes.wintypes import VARIANT_BOOL
from ctypes.wintypes import WCHAR
from ctypes.wintypes import WIN32_FIND_DATAA
from ctypes.wintypes import WIN32_FIND_DATAW
from ctypes.wintypes import WORD
from ctypes.wintypes import WPARAM
```

#### **# Functions**

```
from ctypes.wintypes import RGB
```

#### **# Sentinels / Constants / Objects**

```
from ctypes.wintypes import MAX_PATH
```

# curses.ascii

## Classes

[ ]

## Functions

```
[
    alt,
    ascii,
    ctrl,
    isalnum,
    isalpha,
    isascii,
    isblank,
    iscntrl,
    isctrl,
    isdigit,
    isgraph,
    islower,
    ismeta,
    isprint,
    ispunct,
    isspace,
    isupper,
    isxdigit,
    unctrl
]
```

## Sentinels / Constants / Objects

```
[
    ACK,
    BEL,
    BS,
    CAN,
    controlnames,
    CR,
    DC1,
    DC2,
    DC3,
    DC4,
    DEL,
    DLE,
    EM,
    ENQ,
    EOT,
    ESC,
    ETB,
    ETX,
    FF,
    FS,
    GS,
    HT,
    LF,
    NAK,
    NL,
    NUL,
    RS,
    SI,
    SO,
    SOH,
```

```
SP,  
STX,  
SUB,  
SYN,  
TAB,  
US,  
VT  
]
```

## Import statements

### # Classes

```
(none)
```

### # Functions

```
from curses.ascii import alt  
from curses.ascii import ascii  
from curses.ascii import ctrl  
from curses.ascii import isalnum  
from curses.ascii import isalpha  
from curses.ascii import isascii  
from curses.ascii import isblank  
from curses.ascii import iscntrl  
from curses.ascii import isctrl  
from curses.ascii import isdigit  
from curses.ascii import isgraph  
from curses.ascii import islower  
from curses.ascii import ismeta  
from curses.ascii import isprint  
from curses.ascii import ispunct  
from curses.ascii import isspace  
from curses.ascii import isupper  
from curses.ascii import isxdigit  
from curses.ascii import unctrl
```

### # Sentinels / Constants / Objects

```
from curses.ascii import ACK  
from curses.ascii import BEL  
from curses.ascii import BS  
from curses.ascii import CAN  
from curses.ascii import controlnames  
from curses.ascii import CR  
from curses.ascii import DC1  
from curses.ascii import DC2  
from curses.ascii import DC3  
from curses.ascii import DC4  
from curses.ascii import DEL  
from curses.ascii import DLE  
from curses.ascii import EM  
from curses.ascii import ENQ  
from curses.ascii import EOT  
from curses.ascii import ESC  
from curses.ascii import ETB  
from curses.ascii import ETX  
from curses.ascii import FF  
from curses.ascii import FS  
from curses.ascii import GS  
from curses.ascii import HT  
from curses.ascii import LF  
from curses.ascii import NAK  
from curses.ascii import NL  
from curses.ascii import NUL  
from curses.ascii import RS  
from curses.ascii import SI
```

```
from curses.ascii import SO
from curses.ascii import SOH
from curses.ascii import SP
from curses.ascii import STX
from curses.ascii import SUB
from curses.ascii import SYN
from curses.ascii import TAB
from curses.ascii import US
from curses.ascii import VT
```

# curses.has\_key

## Classes

[ ]

## Functions

```
[
    has_key
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from curses.has_key import has_key
```

### # Sentinels / Constants / Objects

(none)

# curses.panel

## Classes

```
[  
    error,  
    panel  
]
```

## Functions

```
[  
    bottom_panel,  
    new_panel,  
    top_panel,  
    update_panels  
]
```

## Sentinels / Constants / Objects

```
[  
    version  
]
```

## Import statements

### # Classes

```
from curses.panel import error  
from curses.panel import panel
```

### # Functions

```
from curses.panel import bottom_panel  
from curses.panel import new_panel  
from curses.panel import top_panel  
from curses.panel import update_panels
```

### # Sentinels / Constants / Objects

```
from curses.panel import version
```



# curses.textpad

## Classes

```
[
    Textbox
]
```

## Functions

```
[
    rectangle
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from curses.textpad import Textbox
```

### # Functions

```
from curses.textpad import rectangle
```

### # Sentinels / Constants / Objects

```
(none)
```

# dbm.dumb

## Classes

```
[  
    error  
]
```

## Functions

```
[  
    open  
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from dbm.dumb import error
```

### # Functions

```
from dbm.dumb import open
```

### # Sentinels / Constants / Objects

```
(none)
```

# dbm.gnu

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# dbm.ndbm

## Classes

```
[  
    error  
]
```

## Functions

```
[  
    open  
]
```

## Sentinels / Constants / Objects

```
[  
    library  
]
```

## Import statements

### # Classes

```
from dbm.ndbm import error
```

### # Functions

```
from dbm.ndbm import open
```

### # Sentinels / Constants / Objects

```
from dbm.ndbm import library
```

# email.base64mime

## Classes

[ ]

## Functions

```
[
    body_decode,
    body_encode,
    decode,
    decodestring,
    header_encode,
    header_length
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from email.base64mime import body_decode
from email.base64mime import body_encode
from email.base64mime import decode
from email.base64mime import decodestring
from email.base64mime import header_encode
from email.base64mime import header_length
```

### # Sentinels / Constants / Objects

(none)

# email.charset

## Classes

```
[
    Charset
]
```

## Functions

```
[
    add_alias,
    add_charset,
    add_codec
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from email.charset import Charset
```

### # Functions

```
from email.charset import add_alias
from email.charset import add_charset
from email.charset import add_codec
```

### # Sentinels / Constants / Objects

```
(none)
```

# email.contentmanager

## Classes

```
[
    ContentManager
]
```

## Functions

```
[
    get_and_fixup_unknown_message_content,
    get_message_content,
    get_non_text_content,
    get_text_content,
    set_bytes_content,
    set_message_content,
    set_text_content
]
```

## Sentinels / Constants / Objects

```
[
    raw_data_manager
]
```

## Import statements

### # Classes

```
from email.contentmanager import ContentManager
```

### # Functions

```
from email.contentmanager import get_and_fixup_unknown_message_content
from email.contentmanager import get_message_content
from email.contentmanager import get_non_text_content
from email.contentmanager import get_text_content
from email.contentmanager import set_bytes_content
from email.contentmanager import set_message_content
from email.contentmanager import set_text_content
```

### # Sentinels / Constants / Objects

```
from email.contentmanager import raw_data_manager
```

# email.encoders

## Classes

[ ]

## Functions

```
[
    encode_7or8bit,
    encode_base64,
    encode_noop,
    encode_quopri
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from email.encoders import encode_7or8bit
from email.encoders import encode_base64
from email.encoders import encode_noop
from email.encoders import encode_quopri
```

### # Sentinels / Constants / Objects

(none)



# email.errors

## Classes

```
[
    BoundaryError,
    CharsetError,
    CloseBoundaryNotFoundDefect,
    FirstHeaderLineIsContinuationDefect,
    HeaderDefect,
    HeaderMissingRequiredValue,
    HeaderParseError,
    HeaderWriteError,
    InvalidBase64CharactersDefect,
    InvalidBase64LengthDefect,
    InvalidBase64PaddingDefect,
    InvalidDateDefect,
    InvalidHeaderDefect,
    InvalidMultipartContentTransferEncodingDefect,
    MalformedHeaderDefect,
    MessageDefect,
    MessageError,
    MessageParseError,
    MisplacedEnvelopeHeaderDefect,
    MissingHeaderBodySeparatorDefect,
    MultipartConversionError,
    MultipartInvariantViolationDefect,
    NoBoundaryInMultipartDefect,
    NonASCIIILocalPartDefect,
    NonPrintableDefect,
    ObsoleteHeaderDefect,
    StartBoundaryNotFoundDefect,
    UndecodableBytesDefect
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from email.errors import BoundaryError
from email.errors import CharsetError
from email.errors import CloseBoundaryNotFoundDefect
from email.errors import FirstHeaderLineIsContinuationDefect
from email.errors import HeaderDefect
from email.errors import HeaderMissingRequiredValue
from email.errors import HeaderParseError
from email.errors import HeaderWriteError
from email.errors import InvalidBase64CharactersDefect
from email.errors import InvalidBase64LengthDefect
from email.errors import InvalidBase64PaddingDefect
from email.errors import InvalidDateDefect
from email.errors import InvalidHeaderDefect
from email.errors import InvalidMultipartContentTransferEncodingDefect
from email.errors import MalformedHeaderDefect
from email.errors import MessageDefect
from email.errors import MessageError
from email.errors import MessageParseError
```

```
from email.errors import MisplacedEnvelopeHeaderDefect
from email.errors import MissingHeaderBodySeparatorDefect
from email.errors import MultipartConversionError
from email.errors import MultipartInvariantViolationDefect
from email.errors import NoBoundaryInMultipartDefect
from email.errors import NonASCIIILocalPartDefect
from email.errors import NonPrintableDefect
from email.errors import ObsoleteHeaderDefect
from email.errors import StartBoundaryNotFoundDefect
from email.errors import UndecodableBytesDefect
```

#### **# Functions**

(none)

#### **# Sentinels / Constants / Objects**

(none)

# email.feedparser

## Classes

```
[
    BytesFeedParser,
    FeedParser
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from email.feedparser import BytesFeedParser
from email.feedparser import FeedParser
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# email.generator

## Classes

```
[
    BytesGenerator,
    DecodedGenerator,
    Generator
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from email.generator import BytesGenerator
from email.generator import DecodedGenerator
from email.generator import Generator
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# email.header

## Classes

```
[
    Header
]
```

## Functions

```
[
    decode_header,
    make_header
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from email.header import Header
```

### # Functions

```
from email.header import decode_header
```

```
from email.header import make_header
```

### # Sentinels / Constants / Objects

```
(none)
```

# email.headerregistry

## Classes

```
[
    Address,
    AddressHeader,
    BaseHeader,
    ContentDispositionHeader,
    ContentTransferEncodingHeader,
    ContentTypeHeader,
    DateHeader,
    Group,
    HeaderRegistry,
    MappingProxyType,
    MessageIDHeader,
    MIMEVersionHeader,
    ParameterizedMIMEHeader,
    SingleAddressHeader,
    UniqueAddressHeader,
    UniqueDateHeader,
    UniqueSingleAddressHeader,
    UniqueUnstructuredHeader,
    UnstructuredHeader
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from email.headerregistry import Address
from email.headerregistry import AddressHeader
from email.headerregistry import BaseHeader
from email.headerregistry import ContentDispositionHeader
from email.headerregistry import ContentTransferEncodingHeader
from email.headerregistry import ContentTypeHeader
from email.headerregistry import DateHeader
from email.headerregistry import Group
from email.headerregistry import HeaderRegistry
from email.headerregistry import MappingProxyType
from email.headerregistry import MessageIDHeader
from email.headerregistry import MIMEVersionHeader
from email.headerregistry import ParameterizedMIMEHeader
from email.headerregistry import SingleAddressHeader
from email.headerregistry import UniqueAddressHeader
from email.headerregistry import UniqueDateHeader
from email.headerregistry import UniqueSingleAddressHeader
from email.headerregistry import UniqueUnstructuredHeader
from email.headerregistry import UnstructuredHeader
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# email.iterators

## Classes

[ ]

## Functions

```
[
    body_line_iterator,
    typed_subpart_iterator,
    walk
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from email.iterators import body_line_iterator
from email.iterators import typed_subpart_iterator
from email.iterators import walk
```

### # Sentinels / Constants / Objects

(none)

# email.message

## Classes

```
[
    EmailMessage,
    Message
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from email.message import EmailMessage
from email.message import Message
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```



# email.mime

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# email.parser

## Classes

```
[
    BytesFeedParser,
    BytesHeaderParser,
    BytesParser,
    FeedParser,
    HeaderParser,
    Parser
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from email.parser import BytesFeedParser
from email.parser import BytesHeaderParser
from email.parser import BytesParser
from email.parser import FeedParser
from email.parser import HeaderParser
from email.parser import Parser
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# email.policy

## Classes

```
[
    Compat32,
    EmailPolicy,
    Policy
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[
    compat32,
    default,
    HTTP,
    SMTP,
    strict
]
```

## Import statements

### # Classes

```
from email.policy import Compat32
from email.policy import EmailPolicy
from email.policy import Policy
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
from email.policy import compat32
from email.policy import default
from email.policy import HTTP
from email.policy import SMTP
from email.policy import strict
```

# email.quoprimime

## Classes

[ ]

## Functions

```
[
    body_decode,
    body_encode,
    body_length,
    decode,
    decodestring,
    header_decode,
    header_encode,
    header_length,
    quote,
    unquote
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from email.quoprimime import body_decode
from email.quoprimime import body_encode
from email.quoprimime import body_length
from email.quoprimime import decode
from email.quoprimime import decodestring
from email.quoprimime import header_decode
from email.quoprimime import header_encode
from email.quoprimime import header_length
from email.quoprimime import quote
from email.quoprimime import unquote
```

### # Sentinels / Constants / Objects

(none)

# email.utils

## Classes

[ ]

## Functions

```
[
    collapse_rfc2231_value,
    decode_params,
    decode_rfc2231,
    encode_rfc2231,
    format_datetime,
    formataddr,
    formatdate,
    getaddresses,
    make_msgid,
    mktime_tz,
    parseaddr,
    parsedate,
    parsedate_to_datetime,
    parsedate_tz,
    unquote
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from email.utils import collapse_rfc2231_value
from email.utils import decode_params
from email.utils import decode_rfc2231
from email.utils import encode_rfc2231
from email.utils import format_datetime
from email.utils import formataddr
from email.utils import formatdate
from email.utils import getaddresses
from email.utils import make_msgid
from email.utils import mktime_tz
from email.utils import parseaddr
from email.utils import parsedate
from email.utils import parsedate_to_datetime
from email.utils import parsedate_tz
from email.utils import unquote
```

### # Sentinels / Constants / Objects

(none)

# encodings.aliases

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

```
[
    aliases
]
```

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

```
from encodings.aliases import aliases
```

# encodings.ascii

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamConverter,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.ascii import Codec
from encodings.ascii import IncrementalDecoder
from encodings.ascii import IncrementalEncoder
from encodings.ascii import StreamConverter
from encodings.ascii import StreamReader
from encodings.ascii import StreamWriter
```

### # Functions

```
from encodings.ascii import getregentry
```

### # Sentinels / Constants / Objects

```
(none)
```

# encodings.base64\_codec

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    base64_decode,
    base64_encode,
    getregentry
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.base64_codec import Codec
from encodings.base64_codec import IncrementalDecoder
from encodings.base64_codec import IncrementalEncoder
from encodings.base64_codec import StreamReader
from encodings.base64_codec import StreamWriter
```

### # Functions

```
from encodings.base64_codec import base64_decode
from encodings.base64_codec import base64_encode
from encodings.base64_codec import getregentry
```

### # Sentinels / Constants / Objects

```
(none)
```



# encodings.big5

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.big5 import Codec
from encodings.big5 import IncrementalDecoder
from encodings.big5 import IncrementalEncoder
from encodings.big5 import StreamReader
from encodings.big5 import StreamWriter
```

### # Functions

```
from encodings.big5 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.big5 import codec
```

# encodings.big5hkscs

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.big5hkscs import Codec
from encodings.big5hkscs import IncrementalDecoder
from encodings.big5hkscs import IncrementalEncoder
from encodings.big5hkscs import StreamReader
from encodings.big5hkscs import StreamWriter
```

### # Functions

```
from encodings.big5hkscs import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.big5hkscs import codec
```

# encodings.bz2\_codec

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    bz2_decode,
    bz2_encode,
    getregentry
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.bz2_codec import Codec
from encodings.bz2_codec import IncrementalDecoder
from encodings.bz2_codec import IncrementalEncoder
from encodings.bz2_codec import StreamReader
from encodings.bz2_codec import StreamWriter
```

### # Functions

```
from encodings.bz2_codec import bz2_decode
from encodings.bz2_codec import bz2_encode
from encodings.bz2_codec import getregentry
```

### # Sentinels / Constants / Objects

```
(none)
```

# encodings.charmap

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.charmap import Codec
from encodings.charmap import IncrementalDecoder
from encodings.charmap import IncrementalEncoder
from encodings.charmap import StreamReader
from encodings.charmap import StreamWriter
```

### # Functions

```
from encodings.charmap import getregentry
```

### # Sentinels / Constants / Objects

```
(none)
```

# encodings.cp037

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp037 import Codec
from encodings.cp037 import IncrementalDecoder
from encodings.cp037 import IncrementalEncoder
from encodings.cp037 import StreamReader
from encodings.cp037 import StreamWriter
```

### # Functions

```
from encodings.cp037 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp037 import decoding_table
from encodings.cp037 import encoding_table
```

# encodings.cp1006

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp1006 import Codec
from encodings.cp1006 import IncrementalDecoder
from encodings.cp1006 import IncrementalEncoder
from encodings.cp1006 import StreamReader
from encodings.cp1006 import StreamWriter
```

### # Functions

```
from encodings.cp1006 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp1006 import decoding_table
from encodings.cp1006 import encoding_table
```

# encodings.cp1026

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp1026 import Codec
from encodings.cp1026 import IncrementalDecoder
from encodings.cp1026 import IncrementalEncoder
from encodings.cp1026 import StreamReader
from encodings.cp1026 import StreamWriter
```

### # Functions

```
from encodings.cp1026 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp1026 import decoding_table
from encodings.cp1026 import encoding_table
```

# encodings.cp1125

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_map,
    decoding_table,
    encoding_map
]
```

## Import statements

### # Classes

```
from encodings.cp1125 import Codec
from encodings.cp1125 import IncrementalDecoder
from encodings.cp1125 import IncrementalEncoder
from encodings.cp1125 import StreamReader
from encodings.cp1125 import StreamWriter
```

### # Functions

```
from encodings.cp1125 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp1125 import decoding_map
from encodings.cp1125 import decoding_table
from encodings.cp1125 import encoding_map
```



# encodings.cp1140

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp1140 import Codec
from encodings.cp1140 import IncrementalDecoder
from encodings.cp1140 import IncrementalEncoder
from encodings.cp1140 import StreamReader
from encodings.cp1140 import StreamWriter
```

### # Functions

```
from encodings.cp1140 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp1140 import decoding_table
from encodings.cp1140 import encoding_table
```

# encodings.cp1250

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp1250 import Codec
from encodings.cp1250 import IncrementalDecoder
from encodings.cp1250 import IncrementalEncoder
from encodings.cp1250 import StreamReader
from encodings.cp1250 import StreamWriter
```

### # Functions

```
from encodings.cp1250 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp1250 import decoding_table
from encodings.cp1250 import encoding_table
```

# encodings.cp1251

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp1251 import Codec
from encodings.cp1251 import IncrementalDecoder
from encodings.cp1251 import IncrementalEncoder
from encodings.cp1251 import StreamReader
from encodings.cp1251 import StreamWriter
```

### # Functions

```
from encodings.cp1251 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp1251 import decoding_table
from encodings.cp1251 import encoding_table
```

# encodings.cp1252

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp1252 import Codec
from encodings.cp1252 import IncrementalDecoder
from encodings.cp1252 import IncrementalEncoder
from encodings.cp1252 import StreamReader
from encodings.cp1252 import StreamWriter
```

### # Functions

```
from encodings.cp1252 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp1252 import decoding_table
from encodings.cp1252 import encoding_table
```

# encodings.cp1253

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp1253 import Codec
from encodings.cp1253 import IncrementalDecoder
from encodings.cp1253 import IncrementalEncoder
from encodings.cp1253 import StreamReader
from encodings.cp1253 import StreamWriter
```

### # Functions

```
from encodings.cp1253 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp1253 import decoding_table
from encodings.cp1253 import encoding_table
```

# encodings.cp1254

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp1254 import Codec
from encodings.cp1254 import IncrementalDecoder
from encodings.cp1254 import IncrementalEncoder
from encodings.cp1254 import StreamReader
from encodings.cp1254 import StreamWriter
```

### # Functions

```
from encodings.cp1254 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp1254 import decoding_table
from encodings.cp1254 import encoding_table
```

# encodings.cp1255

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp1255 import Codec
from encodings.cp1255 import IncrementalDecoder
from encodings.cp1255 import IncrementalEncoder
from encodings.cp1255 import StreamReader
from encodings.cp1255 import StreamWriter
```

### # Functions

```
from encodings.cp1255 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp1255 import decoding_table
from encodings.cp1255 import encoding_table
```

# encodings.cp1256

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp1256 import Codec
from encodings.cp1256 import IncrementalDecoder
from encodings.cp1256 import IncrementalEncoder
from encodings.cp1256 import StreamReader
from encodings.cp1256 import StreamWriter
```

### # Functions

```
from encodings.cp1256 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp1256 import decoding_table
from encodings.cp1256 import encoding_table
```



# encodings.cp1257

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp1257 import Codec
from encodings.cp1257 import IncrementalDecoder
from encodings.cp1257 import IncrementalEncoder
from encodings.cp1257 import StreamReader
from encodings.cp1257 import StreamWriter
```

### # Functions

```
from encodings.cp1257 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp1257 import decoding_table
from encodings.cp1257 import encoding_table
```

# encodings.cp1258

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp1258 import Codec
from encodings.cp1258 import IncrementalDecoder
from encodings.cp1258 import IncrementalEncoder
from encodings.cp1258 import StreamReader
from encodings.cp1258 import StreamWriter
```

### # Functions

```
from encodings.cp1258 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp1258 import decoding_table
from encodings.cp1258 import encoding_table
```

# encodings.cp273

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp273 import Codec
from encodings.cp273 import IncrementalDecoder
from encodings.cp273 import IncrementalEncoder
from encodings.cp273 import StreamReader
from encodings.cp273 import StreamWriter
```

### # Functions

```
from encodings.cp273 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp273 import decoding_table
from encodings.cp273 import encoding_table
```

# encodings.cp424

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp424 import Codec
from encodings.cp424 import IncrementalDecoder
from encodings.cp424 import IncrementalEncoder
from encodings.cp424 import StreamReader
from encodings.cp424 import StreamWriter
```

### # Functions

```
from encodings.cp424 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp424 import decoding_table
from encodings.cp424 import encoding_table
```

# encodings.cp437

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_map,
    decoding_table,
    encoding_map
]
```

## Import statements

### # Classes

```
from encodings.cp437 import Codec
from encodings.cp437 import IncrementalDecoder
from encodings.cp437 import IncrementalEncoder
from encodings.cp437 import StreamReader
from encodings.cp437 import StreamWriter
```

### # Functions

```
from encodings.cp437 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp437 import decoding_map
from encodings.cp437 import decoding_table
from encodings.cp437 import encoding_map
```

# encodings.cp500

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp500 import Codec
from encodings.cp500 import IncrementalDecoder
from encodings.cp500 import IncrementalEncoder
from encodings.cp500 import StreamReader
from encodings.cp500 import StreamWriter
```

### # Functions

```
from encodings.cp500 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp500 import decoding_table
from encodings.cp500 import encoding_table
```

# encodings.cp720

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp720 import Codec
from encodings.cp720 import IncrementalDecoder
from encodings.cp720 import IncrementalEncoder
from encodings.cp720 import StreamReader
from encodings.cp720 import StreamWriter
```

### # Functions

```
from encodings.cp720 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp720 import decoding_table
from encodings.cp720 import encoding_table
```

# encodings.cp737

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_map,
    decoding_table,
    encoding_map
]
```

## Import statements

### # Classes

```
from encodings.cp737 import Codec
from encodings.cp737 import IncrementalDecoder
from encodings.cp737 import IncrementalEncoder
from encodings.cp737 import StreamReader
from encodings.cp737 import StreamWriter
```

### # Functions

```
from encodings.cp737 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp737 import decoding_map
from encodings.cp737 import decoding_table
from encodings.cp737 import encoding_map
```



# encodings.cp775

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_map,
    decoding_table,
    encoding_map
]
```

## Import statements

### # Classes

```
from encodings.cp775 import Codec
from encodings.cp775 import IncrementalDecoder
from encodings.cp775 import IncrementalEncoder
from encodings.cp775 import StreamReader
from encodings.cp775 import StreamWriter
```

### # Functions

```
from encodings.cp775 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp775 import decoding_map
from encodings.cp775 import decoding_table
from encodings.cp775 import encoding_map
```

# encodings.cp850

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_map,
    decoding_table,
    encoding_map
]
```

## Import statements

### # Classes

```
from encodings.cp850 import Codec
from encodings.cp850 import IncrementalDecoder
from encodings.cp850 import IncrementalEncoder
from encodings.cp850 import StreamReader
from encodings.cp850 import StreamWriter
```

### # Functions

```
from encodings.cp850 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp850 import decoding_map
from encodings.cp850 import decoding_table
from encodings.cp850 import encoding_map
```

# encodings.cp852

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_map,
    decoding_table,
    encoding_map
]
```

## Import statements

### # Classes

```
from encodings.cp852 import Codec
from encodings.cp852 import IncrementalDecoder
from encodings.cp852 import IncrementalEncoder
from encodings.cp852 import StreamReader
from encodings.cp852 import StreamWriter
```

### # Functions

```
from encodings.cp852 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp852 import decoding_map
from encodings.cp852 import decoding_table
from encodings.cp852 import encoding_map
```

# encodings.cp855

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_map,
    decoding_table,
    encoding_map
]
```

## Import statements

### # Classes

```
from encodings.cp855 import Codec
from encodings.cp855 import IncrementalDecoder
from encodings.cp855 import IncrementalEncoder
from encodings.cp855 import StreamReader
from encodings.cp855 import StreamWriter
```

### # Functions

```
from encodings.cp855 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp855 import decoding_map
from encodings.cp855 import decoding_table
from encodings.cp855 import encoding_map
```

# encodings.cp856

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp856 import Codec
from encodings.cp856 import IncrementalDecoder
from encodings.cp856 import IncrementalEncoder
from encodings.cp856 import StreamReader
from encodings.cp856 import StreamWriter
```

### # Functions

```
from encodings.cp856 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp856 import decoding_table
from encodings.cp856 import encoding_table
```

# encodings.cp857

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_map,
    decoding_table,
    encoding_map
]
```

## Import statements

### # Classes

```
from encodings.cp857 import Codec
from encodings.cp857 import IncrementalDecoder
from encodings.cp857 import IncrementalEncoder
from encodings.cp857 import StreamReader
from encodings.cp857 import StreamWriter
```

### # Functions

```
from encodings.cp857 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp857 import decoding_map
from encodings.cp857 import decoding_table
from encodings.cp857 import encoding_map
```

# encodings.cp858

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_map,
    decoding_table,
    encoding_map
]
```

## Import statements

### # Classes

```
from encodings.cp858 import Codec
from encodings.cp858 import IncrementalDecoder
from encodings.cp858 import IncrementalEncoder
from encodings.cp858 import StreamReader
from encodings.cp858 import StreamWriter
```

### # Functions

```
from encodings.cp858 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp858 import decoding_map
from encodings.cp858 import decoding_table
from encodings.cp858 import encoding_map
```

# encodings.cp860

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_map,
    decoding_table,
    encoding_map
]
```

## Import statements

### # Classes

```
from encodings.cp860 import Codec
from encodings.cp860 import IncrementalDecoder
from encodings.cp860 import IncrementalEncoder
from encodings.cp860 import StreamReader
from encodings.cp860 import StreamWriter
```

### # Functions

```
from encodings.cp860 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp860 import decoding_map
from encodings.cp860 import decoding_table
from encodings.cp860 import encoding_map
```



# encodings.cp861

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_map,
    decoding_table,
    encoding_map
]
```

## Import statements

### # Classes

```
from encodings.cp861 import Codec
from encodings.cp861 import IncrementalDecoder
from encodings.cp861 import IncrementalEncoder
from encodings.cp861 import StreamReader
from encodings.cp861 import StreamWriter
```

### # Functions

```
from encodings.cp861 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp861 import decoding_map
from encodings.cp861 import decoding_table
from encodings.cp861 import encoding_map
```

# encodings.cp862

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_map,
    decoding_table,
    encoding_map
]
```

## Import statements

### # Classes

```
from encodings.cp862 import Codec
from encodings.cp862 import IncrementalDecoder
from encodings.cp862 import IncrementalEncoder
from encodings.cp862 import StreamReader
from encodings.cp862 import StreamWriter
```

### # Functions

```
from encodings.cp862 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp862 import decoding_map
from encodings.cp862 import decoding_table
from encodings.cp862 import encoding_map
```

# encodings.cp863

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_map,
    decoding_table,
    encoding_map
]
```

## Import statements

### # Classes

```
from encodings.cp863 import Codec
from encodings.cp863 import IncrementalDecoder
from encodings.cp863 import IncrementalEncoder
from encodings.cp863 import StreamReader
from encodings.cp863 import StreamWriter
```

### # Functions

```
from encodings.cp863 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp863 import decoding_map
from encodings.cp863 import decoding_table
from encodings.cp863 import encoding_map
```

# encodings.cp864

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_map,
    decoding_table,
    encoding_map
]
```

## Import statements

### # Classes

```
from encodings.cp864 import Codec
from encodings.cp864 import IncrementalDecoder
from encodings.cp864 import IncrementalEncoder
from encodings.cp864 import StreamReader
from encodings.cp864 import StreamWriter
```

### # Functions

```
from encodings.cp864 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp864 import decoding_map
from encodings.cp864 import decoding_table
from encodings.cp864 import encoding_map
```

# encodings.cp865

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_map,
    decoding_table,
    encoding_map
]
```

## Import statements

### # Classes

```
from encodings.cp865 import Codec
from encodings.cp865 import IncrementalDecoder
from encodings.cp865 import IncrementalEncoder
from encodings.cp865 import StreamReader
from encodings.cp865 import StreamWriter
```

### # Functions

```
from encodings.cp865 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp865 import decoding_map
from encodings.cp865 import decoding_table
from encodings.cp865 import encoding_map
```

# encodings.cp866

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_map,
    decoding_table,
    encoding_map
]
```

## Import statements

### # Classes

```
from encodings.cp866 import Codec
from encodings.cp866 import IncrementalDecoder
from encodings.cp866 import IncrementalEncoder
from encodings.cp866 import StreamReader
from encodings.cp866 import StreamWriter
```

### # Functions

```
from encodings.cp866 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp866 import decoding_map
from encodings.cp866 import decoding_table
from encodings.cp866 import encoding_map
```

# encodings.cp869

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_map,
    decoding_table,
    encoding_map
]
```

## Import statements

### # Classes

```
from encodings.cp869 import Codec
from encodings.cp869 import IncrementalDecoder
from encodings.cp869 import IncrementalEncoder
from encodings.cp869 import StreamReader
from encodings.cp869 import StreamWriter
```

### # Functions

```
from encodings.cp869 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp869 import decoding_map
from encodings.cp869 import decoding_table
from encodings.cp869 import encoding_map
```

# encodings.cp874

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp874 import Codec
from encodings.cp874 import IncrementalDecoder
from encodings.cp874 import IncrementalEncoder
from encodings.cp874 import StreamReader
from encodings.cp874 import StreamWriter
```

### # Functions

```
from encodings.cp874 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp874 import decoding_table
from encodings.cp874 import encoding_table
```



# encodings.cp875

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.cp875 import Codec
from encodings.cp875 import IncrementalDecoder
from encodings.cp875 import IncrementalEncoder
from encodings.cp875 import StreamReader
from encodings.cp875 import StreamWriter
```

### # Functions

```
from encodings.cp875 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp875 import decoding_table
from encodings.cp875 import encoding_table
```

# encodings.cp932

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.cp932 import Codec
from encodings.cp932 import IncrementalDecoder
from encodings.cp932 import IncrementalEncoder
from encodings.cp932 import StreamReader
from encodings.cp932 import StreamWriter
```

### # Functions

```
from encodings.cp932 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp932 import codec
```

# encodings.cp949

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.cp949 import Codec
from encodings.cp949 import IncrementalDecoder
from encodings.cp949 import IncrementalEncoder
from encodings.cp949 import StreamReader
from encodings.cp949 import StreamWriter
```

### # Functions

```
from encodings.cp949 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp949 import codec
```

# encodings.cp950

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.cp950 import Codec
from encodings.cp950 import IncrementalDecoder
from encodings.cp950 import IncrementalEncoder
from encodings.cp950 import StreamReader
from encodings.cp950 import StreamWriter
```

### # Functions

```
from encodings.cp950 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.cp950 import codec
```

# encodings.euc\_jis\_2004

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.euc_jis_2004 import Codec
from encodings.euc_jis_2004 import IncrementalDecoder
from encodings.euc_jis_2004 import IncrementalEncoder
from encodings.euc_jis_2004 import StreamReader
from encodings.euc_jis_2004 import StreamWriter
```

### # Functions

```
from encodings.euc_jis_2004 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.euc_jis_2004 import codec
```

# encodings.euc\_jisx0213

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.euc_jisx0213 import Codec
from encodings.euc_jisx0213 import IncrementalDecoder
from encodings.euc_jisx0213 import IncrementalEncoder
from encodings.euc_jisx0213 import StreamReader
from encodings.euc_jisx0213 import StreamWriter
```

### # Functions

```
from encodings.euc_jisx0213 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.euc_jisx0213 import codec
```

# encodings.euc\_jp

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.euc_jp import Codec
from encodings.euc_jp import IncrementalDecoder
from encodings.euc_jp import IncrementalEncoder
from encodings.euc_jp import StreamReader
from encodings.euc_jp import StreamWriter
```

### # Functions

```
from encodings.euc_jp import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.euc_jp import codec
```

# encodings.euc\_kr

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.euc_kr import Codec
from encodings.euc_kr import IncrementalDecoder
from encodings.euc_kr import IncrementalEncoder
from encodings.euc_kr import StreamReader
from encodings.euc_kr import StreamWriter
```

### # Functions

```
from encodings.euc_kr import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.euc_kr import codec
```



# encodings.gb18030

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.gb18030 import Codec
from encodings.gb18030 import IncrementalDecoder
from encodings.gb18030 import IncrementalEncoder
from encodings.gb18030 import StreamReader
from encodings.gb18030 import StreamWriter
```

### # Functions

```
from encodings.gb18030 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.gb18030 import codec
```

# encodings.gb2312

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.gb2312 import Codec
from encodings.gb2312 import IncrementalDecoder
from encodings.gb2312 import IncrementalEncoder
from encodings.gb2312 import StreamReader
from encodings.gb2312 import StreamWriter
```

### # Functions

```
from encodings.gb2312 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.gb2312 import codec
```

# encodings.gbk

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.gbk import Codec
from encodings.gbk import IncrementalDecoder
from encodings.gbk import IncrementalEncoder
from encodings.gbk import StreamReader
from encodings.gbk import StreamWriter
```

### # Functions

```
from encodings.gbk import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.gbk import codec
```

# encodings.hex\_codec

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry,
    hex_decode,
    hex_encode
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.hex_codec import Codec
from encodings.hex_codec import IncrementalDecoder
from encodings.hex_codec import IncrementalEncoder
from encodings.hex_codec import StreamReader
from encodings.hex_codec import StreamWriter
```

### # Functions

```
from encodings.hex_codec import getregentry
from encodings.hex_codec import hex_decode
from encodings.hex_codec import hex_encode
```

### # Sentinels / Constants / Objects

```
(none)
```

# encodings.hp\_roman8

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.hp_roman8 import Codec
from encodings.hp_roman8 import IncrementalDecoder
from encodings.hp_roman8 import IncrementalEncoder
from encodings.hp_roman8 import StreamReader
from encodings.hp_roman8 import StreamWriter
```

### # Functions

```
from encodings.hp_roman8 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.hp_roman8 import decoding_table
from encodings.hp_roman8 import encoding_table
```

# encodings.hz

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.hz import Codec
from encodings.hz import IncrementalDecoder
from encodings.hz import IncrementalEncoder
from encodings.hz import StreamReader
from encodings.hz import StreamWriter
```

### # Functions

```
from encodings.hz import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.hz import codec
```

# encodings.idna

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry,
    nameprep,
    ToASCII,
    ToUnicode
]
```

## Sentinels / Constants / Objects

```
[
    ace_prefix,
    dots,
    sace_prefix,
    unicodedata
]
```

## Import statements

### # Classes

```
from encodings.idna import Codec
from encodings.idna import IncrementalDecoder
from encodings.idna import IncrementalEncoder
from encodings.idna import StreamReader
from encodings.idna import StreamWriter
```

### # Functions

```
from encodings.idna import getregentry
from encodings.idna import nameprep
from encodings.idna import ToASCII
from encodings.idna import ToUnicode
```

### # Sentinels / Constants / Objects

```
from encodings.idna import ace_prefix
from encodings.idna import dots
from encodings.idna import sace_prefix
from encodings.idna import unicodedata
```

# encodings.iso2022\_jp

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.iso2022_jp import Codec
from encodings.iso2022_jp import IncrementalDecoder
from encodings.iso2022_jp import IncrementalEncoder
from encodings.iso2022_jp import StreamReader
from encodings.iso2022_jp import StreamWriter
```

### # Functions

```
from encodings.iso2022_jp import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso2022_jp import codec
```



# encodings.iso2022\_jp\_1

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.iso2022_jp_1 import Codec
from encodings.iso2022_jp_1 import IncrementalDecoder
from encodings.iso2022_jp_1 import IncrementalEncoder
from encodings.iso2022_jp_1 import StreamReader
from encodings.iso2022_jp_1 import StreamWriter
```

### # Functions

```
from encodings.iso2022_jp_1 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso2022_jp_1 import codec
```

# encodings.iso2022\_jp\_2

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.iso2022_jp_2 import Codec
from encodings.iso2022_jp_2 import IncrementalDecoder
from encodings.iso2022_jp_2 import IncrementalEncoder
from encodings.iso2022_jp_2 import StreamReader
from encodings.iso2022_jp_2 import StreamWriter
```

### # Functions

```
from encodings.iso2022_jp_2 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso2022_jp_2 import codec
```

# encodings.iso2022\_jp\_2004

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.iso2022_jp_2004 import Codec
from encodings.iso2022_jp_2004 import IncrementalDecoder
from encodings.iso2022_jp_2004 import IncrementalEncoder
from encodings.iso2022_jp_2004 import StreamReader
from encodings.iso2022_jp_2004 import StreamWriter
```

### # Functions

```
from encodings.iso2022_jp_2004 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso2022_jp_2004 import codec
```

# encodings.iso2022\_jp\_3

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.iso2022_jp_3 import Codec
from encodings.iso2022_jp_3 import IncrementalDecoder
from encodings.iso2022_jp_3 import IncrementalEncoder
from encodings.iso2022_jp_3 import StreamReader
from encodings.iso2022_jp_3 import StreamWriter
```

### # Functions

```
from encodings.iso2022_jp_3 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso2022_jp_3 import codec
```

# encodings.iso2022\_jp\_ext

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.iso2022_jp_ext import Codec
from encodings.iso2022_jp_ext import IncrementalDecoder
from encodings.iso2022_jp_ext import IncrementalEncoder
from encodings.iso2022_jp_ext import StreamReader
from encodings.iso2022_jp_ext import StreamWriter
```

### # Functions

```
from encodings.iso2022_jp_ext import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso2022_jp_ext import codec
```

# encodings.iso2022\_kr

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.iso2022_kr import Codec
from encodings.iso2022_kr import IncrementalDecoder
from encodings.iso2022_kr import IncrementalEncoder
from encodings.iso2022_kr import StreamReader
from encodings.iso2022_kr import StreamWriter
```

### # Functions

```
from encodings.iso2022_kr import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso2022_kr import codec
```

# encodings.iso8859\_1

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.iso8859_1 import Codec
from encodings.iso8859_1 import IncrementalDecoder
from encodings.iso8859_1 import IncrementalEncoder
from encodings.iso8859_1 import StreamReader
from encodings.iso8859_1 import StreamWriter
```

### # Functions

```
from encodings.iso8859_1 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso8859_1 import decoding_table
from encodings.iso8859_1 import encoding_table
```

# encodings.iso8859\_10

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.iso8859_10 import Codec
from encodings.iso8859_10 import IncrementalDecoder
from encodings.iso8859_10 import IncrementalEncoder
from encodings.iso8859_10 import StreamReader
from encodings.iso8859_10 import StreamWriter
```

### # Functions

```
from encodings.iso8859_10 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso8859_10 import decoding_table
from encodings.iso8859_10 import encoding_table
```



# encodings.iso8859\_11

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.iso8859_11 import Codec
from encodings.iso8859_11 import IncrementalDecoder
from encodings.iso8859_11 import IncrementalEncoder
from encodings.iso8859_11 import StreamReader
from encodings.iso8859_11 import StreamWriter
```

### # Functions

```
from encodings.iso8859_11 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso8859_11 import decoding_table
from encodings.iso8859_11 import encoding_table
```

# encodings.iso8859\_13

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.iso8859_13 import Codec
from encodings.iso8859_13 import IncrementalDecoder
from encodings.iso8859_13 import IncrementalEncoder
from encodings.iso8859_13 import StreamReader
from encodings.iso8859_13 import StreamWriter
```

### # Functions

```
from encodings.iso8859_13 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso8859_13 import decoding_table
from encodings.iso8859_13 import encoding_table
```

# encodings.iso8859\_14

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.iso8859_14 import Codec
from encodings.iso8859_14 import IncrementalDecoder
from encodings.iso8859_14 import IncrementalEncoder
from encodings.iso8859_14 import StreamReader
from encodings.iso8859_14 import StreamWriter
```

### # Functions

```
from encodings.iso8859_14 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso8859_14 import decoding_table
from encodings.iso8859_14 import encoding_table
```

# encodings.iso8859\_15

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.iso8859_15 import Codec
from encodings.iso8859_15 import IncrementalDecoder
from encodings.iso8859_15 import IncrementalEncoder
from encodings.iso8859_15 import StreamReader
from encodings.iso8859_15 import StreamWriter
```

### # Functions

```
from encodings.iso8859_15 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso8859_15 import decoding_table
from encodings.iso8859_15 import encoding_table
```

# encodings.iso8859\_16

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.iso8859_16 import Codec
from encodings.iso8859_16 import IncrementalDecoder
from encodings.iso8859_16 import IncrementalEncoder
from encodings.iso8859_16 import StreamReader
from encodings.iso8859_16 import StreamWriter
```

### # Functions

```
from encodings.iso8859_16 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso8859_16 import decoding_table
from encodings.iso8859_16 import encoding_table
```

# encodings.iso8859\_2

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.iso8859_2 import Codec
from encodings.iso8859_2 import IncrementalDecoder
from encodings.iso8859_2 import IncrementalEncoder
from encodings.iso8859_2 import StreamReader
from encodings.iso8859_2 import StreamWriter
```

### # Functions

```
from encodings.iso8859_2 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso8859_2 import decoding_table
from encodings.iso8859_2 import encoding_table
```

# encodings.iso8859\_3

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.iso8859_3 import Codec
from encodings.iso8859_3 import IncrementalDecoder
from encodings.iso8859_3 import IncrementalEncoder
from encodings.iso8859_3 import StreamReader
from encodings.iso8859_3 import StreamWriter
```

### # Functions

```
from encodings.iso8859_3 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso8859_3 import decoding_table
from encodings.iso8859_3 import encoding_table
```

# encodings.iso8859\_4

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.iso8859_4 import Codec
from encodings.iso8859_4 import IncrementalDecoder
from encodings.iso8859_4 import IncrementalEncoder
from encodings.iso8859_4 import StreamReader
from encodings.iso8859_4 import StreamWriter
```

### # Functions

```
from encodings.iso8859_4 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso8859_4 import decoding_table
from encodings.iso8859_4 import encoding_table
```



# encodings.iso8859\_5

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.iso8859_5 import Codec
from encodings.iso8859_5 import IncrementalDecoder
from encodings.iso8859_5 import IncrementalEncoder
from encodings.iso8859_5 import StreamReader
from encodings.iso8859_5 import StreamWriter
```

### # Functions

```
from encodings.iso8859_5 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso8859_5 import decoding_table
from encodings.iso8859_5 import encoding_table
```

# encodings.iso8859\_6

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.iso8859_6 import Codec
from encodings.iso8859_6 import IncrementalDecoder
from encodings.iso8859_6 import IncrementalEncoder
from encodings.iso8859_6 import StreamReader
from encodings.iso8859_6 import StreamWriter
```

### # Functions

```
from encodings.iso8859_6 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso8859_6 import decoding_table
from encodings.iso8859_6 import encoding_table
```

# encodings.iso8859\_7

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.iso8859_7 import Codec
from encodings.iso8859_7 import IncrementalDecoder
from encodings.iso8859_7 import IncrementalEncoder
from encodings.iso8859_7 import StreamReader
from encodings.iso8859_7 import StreamWriter
```

### # Functions

```
from encodings.iso8859_7 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso8859_7 import decoding_table
from encodings.iso8859_7 import encoding_table
```

# encodings.iso8859\_8

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.iso8859_8 import Codec
from encodings.iso8859_8 import IncrementalDecoder
from encodings.iso8859_8 import IncrementalEncoder
from encodings.iso8859_8 import StreamReader
from encodings.iso8859_8 import StreamWriter
```

### # Functions

```
from encodings.iso8859_8 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso8859_8 import decoding_table
from encodings.iso8859_8 import encoding_table
```

# encodings.iso8859\_9

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.iso8859_9 import Codec
from encodings.iso8859_9 import IncrementalDecoder
from encodings.iso8859_9 import IncrementalEncoder
from encodings.iso8859_9 import StreamReader
from encodings.iso8859_9 import StreamWriter
```

### # Functions

```
from encodings.iso8859_9 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.iso8859_9 import decoding_table
from encodings.iso8859_9 import encoding_table
```

# encodings.johab

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.johab import Codec
from encodings.johab import IncrementalDecoder
from encodings.johab import IncrementalEncoder
from encodings.johab import StreamReader
from encodings.johab import StreamWriter
```

### # Functions

```
from encodings.johab import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.johab import codec
```

# encodings.koi8\_r

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.koi8_r import Codec
from encodings.koi8_r import IncrementalDecoder
from encodings.koi8_r import IncrementalEncoder
from encodings.koi8_r import StreamReader
from encodings.koi8_r import StreamWriter
```

### # Functions

```
from encodings.koi8_r import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.koi8_r import decoding_table
from encodings.koi8_r import encoding_table
```

# encodings.koi8\_t

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.koi8_t import Codec
from encodings.koi8_t import IncrementalDecoder
from encodings.koi8_t import IncrementalEncoder
from encodings.koi8_t import StreamReader
from encodings.koi8_t import StreamWriter
```

### # Functions

```
from encodings.koi8_t import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.koi8_t import decoding_table
from encodings.koi8_t import encoding_table
```



# encodings.koi8\_u

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.koi8_u import Codec
from encodings.koi8_u import IncrementalDecoder
from encodings.koi8_u import IncrementalEncoder
from encodings.koi8_u import StreamReader
from encodings.koi8_u import StreamWriter
```

### # Functions

```
from encodings.koi8_u import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.koi8_u import decoding_table
from encodings.koi8_u import encoding_table
```

# encodings.kz1048

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.kz1048 import Codec
from encodings.kz1048 import IncrementalDecoder
from encodings.kz1048 import IncrementalEncoder
from encodings.kz1048 import StreamReader
from encodings.kz1048 import StreamWriter
```

### # Functions

```
from encodings.kz1048 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.kz1048 import decoding_table
from encodings.kz1048 import encoding_table
```

# encodings.latin\_1

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamConverter,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.latin_1 import Codec
from encodings.latin_1 import IncrementalDecoder
from encodings.latin_1 import IncrementalEncoder
from encodings.latin_1 import StreamConverter
from encodings.latin_1 import StreamReader
from encodings.latin_1 import StreamWriter
```

### # Functions

```
from encodings.latin_1 import getregentry
```

### # Sentinels / Constants / Objects

```
(none)
```

# encodings.mac\_arabic

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_map,
    decoding_table,
    encoding_map
]
```

## Import statements

### # Classes

```
from encodings.mac_arabic import Codec
from encodings.mac_arabic import IncrementalDecoder
from encodings.mac_arabic import IncrementalEncoder
from encodings.mac_arabic import StreamReader
from encodings.mac_arabic import StreamWriter
```

### # Functions

```
from encodings.mac_arabic import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.mac_arabic import decoding_map
from encodings.mac_arabic import decoding_table
from encodings.mac_arabic import encoding_map
```

# encodings.mac\_croatian

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.mac_croatian import Codec
from encodings.mac_croatian import IncrementalDecoder
from encodings.mac_croatian import IncrementalEncoder
from encodings.mac_croatian import StreamReader
from encodings.mac_croatian import StreamWriter
```

### # Functions

```
from encodings.mac_croatian import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.mac_croatian import decoding_table
from encodings.mac_croatian import encoding_table
```

# encodings.mac\_cyrillic

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.mac_cyrillic import Codec
from encodings.mac_cyrillic import IncrementalDecoder
from encodings.mac_cyrillic import IncrementalEncoder
from encodings.mac_cyrillic import StreamReader
from encodings.mac_cyrillic import StreamWriter
```

### # Functions

```
from encodings.mac_cyrillic import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.mac_cyrillic import decoding_table
from encodings.mac_cyrillic import encoding_table
```

# encodings.mac\_farsi

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.mac_farsi import Codec
from encodings.mac_farsi import IncrementalDecoder
from encodings.mac_farsi import IncrementalEncoder
from encodings.mac_farsi import StreamReader
from encodings.mac_farsi import StreamWriter
```

### # Functions

```
from encodings.mac_farsi import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.mac_farsi import decoding_table
from encodings.mac_farsi import encoding_table
```

# encodings.mac\_greek

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.mac_greek import Codec
from encodings.mac_greek import IncrementalDecoder
from encodings.mac_greek import IncrementalEncoder
from encodings.mac_greek import StreamReader
from encodings.mac_greek import StreamWriter
```

### # Functions

```
from encodings.mac_greek import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.mac_greek import decoding_table
from encodings.mac_greek import encoding_table
```



# encodings.mac\_iceland

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.mac_iceland import Codec
from encodings.mac_iceland import IncrementalDecoder
from encodings.mac_iceland import IncrementalEncoder
from encodings.mac_iceland import StreamReader
from encodings.mac_iceland import StreamWriter
```

### # Functions

```
from encodings.mac_iceland import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.mac_iceland import decoding_table
from encodings.mac_iceland import encoding_table
```

# encodings.mac\_latin2

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.mac_latin2 import Codec
from encodings.mac_latin2 import IncrementalDecoder
from encodings.mac_latin2 import IncrementalEncoder
from encodings.mac_latin2 import StreamReader
from encodings.mac_latin2 import StreamWriter
```

### # Functions

```
from encodings.mac_latin2 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.mac_latin2 import decoding_table
from encodings.mac_latin2 import encoding_table
```

# encodings.mac\_roman

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.mac_roman import Codec
from encodings.mac_roman import IncrementalDecoder
from encodings.mac_roman import IncrementalEncoder
from encodings.mac_roman import StreamReader
from encodings.mac_roman import StreamWriter
```

### # Functions

```
from encodings.mac_roman import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.mac_roman import decoding_table
from encodings.mac_roman import encoding_table
```

# encodings.mac\_romanian

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.mac_romanian import Codec
from encodings.mac_romanian import IncrementalDecoder
from encodings.mac_romanian import IncrementalEncoder
from encodings.mac_romanian import StreamReader
from encodings.mac_romanian import StreamWriter
```

### # Functions

```
from encodings.mac_romanian import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.mac_romanian import decoding_table
from encodings.mac_romanian import encoding_table
```

# encodings.mac\_turkish

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.mac_turkish import Codec
from encodings.mac_turkish import IncrementalDecoder
from encodings.mac_turkish import IncrementalEncoder
from encodings.mac_turkish import StreamReader
from encodings.mac_turkish import StreamWriter
```

### # Functions

```
from encodings.mac_turkish import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.mac_turkish import decoding_table
from encodings.mac_turkish import encoding_table
```

# encodings.mbc

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# encodings.oem

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# encodings.palmos

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.palmos import Codec
from encodings.palmos import IncrementalDecoder
from encodings.palmos import IncrementalEncoder
from encodings.palmos import StreamReader
from encodings.palmos import StreamWriter
```

### # Functions

```
from encodings.palmos import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.palmos import decoding_table
from encodings.palmos import encoding_table
```



# encodings.ptcp154

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.ptcp154 import Codec
from encodings.ptcp154 import IncrementalDecoder
from encodings.ptcp154 import IncrementalEncoder
from encodings.ptcp154 import StreamReader
from encodings.ptcp154 import StreamWriter
```

### # Functions

```
from encodings.ptcp154 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.ptcp154 import decoding_table
from encodings.ptcp154 import encoding_table
```

# encodings.punycode

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    adapt,
    decode_generalized_number,
    generate_generalized_integer,
    generate_integers,
    getregentry,
    insertion_sort,
    insertion_unsort,
    punycode_decode,
    punycode_encode,
    segregate,
    selective_find,
    selective_len,
    T
]
```

## Sentinels / Constants / Objects

```
[
    digits
]
```

## Import statements

### # Classes

```
from encodings.punycode import Codec
from encodings.punycode import IncrementalDecoder
from encodings.punycode import IncrementalEncoder
from encodings.punycode import StreamReader
from encodings.punycode import StreamWriter
```

### # Functions

```
from encodings.punycode import adapt
from encodings.punycode import decode_generalized_number
from encodings.punycode import generate_generalized_integer
from encodings.punycode import generate_integers
from encodings.punycode import getregentry
from encodings.punycode import insertion_sort
from encodings.punycode import insertion_unsort
from encodings.punycode import punycode_decode
from encodings.punycode import punycode_encode
from encodings.punycode import segregate
from encodings.punycode import selective_find
from encodings.punycode import selective_len
from encodings.punycode import T
```

### # Sentinels / Constants / Objects

```
from encodings.punycode import digits
```

# encodings.quopri\_codec

## Classes

```
[
    BytesIO,
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry,
    quopri_decode,
    quopri_encode
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.quopri_codec import BytesIO
from encodings.quopri_codec import Codec
from encodings.quopri_codec import IncrementalDecoder
from encodings.quopri_codec import IncrementalEncoder
from encodings.quopri_codec import StreamReader
from encodings.quopri_codec import StreamWriter
```

### # Functions

```
from encodings.quopri_codec import getregentry
from encodings.quopri_codec import quopri_decode
from encodings.quopri_codec import quopri_encode
```

### # Sentinels / Constants / Objects

```
(none)
```

# encodings.raw\_unicode\_escape

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.raw_unicode_escape import Codec
from encodings.raw_unicode_escape import IncrementalDecoder
from encodings.raw_unicode_escape import IncrementalEncoder
from encodings.raw_unicode_escape import StreamReader
from encodings.raw_unicode_escape import StreamWriter
```

### # Functions

```
from encodings.raw_unicode_escape import getregentry
```

### # Sentinels / Constants / Objects

```
(none)
```

# encodings.rot\_13

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry,
    rot13
]
```

## Sentinels / Constants / Objects

```
[
    rot13_map
]
```

## Import statements

### # Classes

```
from encodings.rot_13 import Codec
from encodings.rot_13 import IncrementalDecoder
from encodings.rot_13 import IncrementalEncoder
from encodings.rot_13 import StreamReader
from encodings.rot_13 import StreamWriter
```

### # Functions

```
from encodings.rot_13 import getregentry
from encodings.rot_13 import rot13
```

### # Sentinels / Constants / Objects

```
from encodings.rot_13 import rot13_map
```

# encodings.shift\_jis

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.shift_jis import Codec
from encodings.shift_jis import IncrementalDecoder
from encodings.shift_jis import IncrementalEncoder
from encodings.shift_jis import StreamReader
from encodings.shift_jis import StreamWriter
```

### # Functions

```
from encodings.shift_jis import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.shift_jis import codec
```

# encodings.shift\_jis\_2004

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.shift_jis_2004 import Codec
from encodings.shift_jis_2004 import IncrementalDecoder
from encodings.shift_jis_2004 import IncrementalEncoder
from encodings.shift_jis_2004 import StreamReader
from encodings.shift_jis_2004 import StreamWriter
```

### # Functions

```
from encodings.shift_jis_2004 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.shift_jis_2004 import codec
```

# encodings.shift\_jisx0213

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    codec
]
```

## Import statements

### # Classes

```
from encodings.shift_jisx0213 import Codec
from encodings.shift_jisx0213 import IncrementalDecoder
from encodings.shift_jisx0213 import IncrementalEncoder
from encodings.shift_jisx0213 import StreamReader
from encodings.shift_jisx0213 import StreamWriter
```

### # Functions

```
from encodings.shift_jisx0213 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.shift_jisx0213 import codec
```



# encodings.tis\_620

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[
    decoding_table,
    encoding_table
]
```

## Import statements

### # Classes

```
from encodings.tis_620 import Codec
from encodings.tis_620 import IncrementalDecoder
from encodings.tis_620 import IncrementalEncoder
from encodings.tis_620 import StreamReader
from encodings.tis_620 import StreamWriter
```

### # Functions

```
from encodings.tis_620 import getregentry
```

### # Sentinels / Constants / Objects

```
from encodings.tis_620 import decoding_table
from encodings.tis_620 import encoding_table
```

# encodings.undefined

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.undefined import Codec
from encodings.undefined import IncrementalDecoder
from encodings.undefined import IncrementalEncoder
from encodings.undefined import StreamReader
from encodings.undefined import StreamWriter
```

### # Functions

```
from encodings.undefined import getregentry
```

### # Sentinels / Constants / Objects

```
(none)
```

# encodings.unicode\_escape

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.unicode_escape import Codec
from encodings.unicode_escape import IncrementalDecoder
from encodings.unicode_escape import IncrementalEncoder
from encodings.unicode_escape import StreamReader
from encodings.unicode_escape import StreamWriter
```

### # Functions

```
from encodings.unicode_escape import getregentry
```

### # Sentinels / Constants / Objects

```
(none)
```

# encodings.utf\_16

## Classes

```
[
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    decode,
    encode,
    getregentry
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.utf_16 import IncrementalDecoder
from encodings.utf_16 import IncrementalEncoder
from encodings.utf_16 import StreamReader
from encodings.utf_16 import StreamWriter
```

### # Functions

```
from encodings.utf_16 import decode
from encodings.utf_16 import encode
from encodings.utf_16 import getregentry
```

### # Sentinels / Constants / Objects

```
(none)
```

# encodings.utf\_16\_be

## Classes

```
[
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    decode,
    encode,
    getregentry
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.utf_16_be import IncrementalDecoder
from encodings.utf_16_be import IncrementalEncoder
from encodings.utf_16_be import StreamReader
from encodings.utf_16_be import StreamWriter
```

### # Functions

```
from encodings.utf_16_be import decode
from encodings.utf_16_be import encode
from encodings.utf_16_be import getregentry
```

### # Sentinels / Constants / Objects

```
(none)
```

# encodings.utf\_16\_le

## Classes

```
[
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    decode,
    encode,
    getregentry
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.utf_16_le import IncrementalDecoder
from encodings.utf_16_le import IncrementalEncoder
from encodings.utf_16_le import StreamReader
from encodings.utf_16_le import StreamWriter
```

### # Functions

```
from encodings.utf_16_le import decode
from encodings.utf_16_le import encode
from encodings.utf_16_le import getregentry
```

### # Sentinels / Constants / Objects

```
(none)
```

# encodings.utf\_32

## Classes

```
[
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    decode,
    encode,
    getregentry
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.utf_32 import IncrementalDecoder
from encodings.utf_32 import IncrementalEncoder
from encodings.utf_32 import StreamReader
from encodings.utf_32 import StreamWriter
```

### # Functions

```
from encodings.utf_32 import decode
from encodings.utf_32 import encode
from encodings.utf_32 import getregentry
```

### # Sentinels / Constants / Objects

```
(none)
```

# encodings.utf\_32\_be

## Classes

```
[
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    decode,
    encode,
    getregentry
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.utf_32_be import IncrementalDecoder
from encodings.utf_32_be import IncrementalEncoder
from encodings.utf_32_be import StreamReader
from encodings.utf_32_be import StreamWriter
```

### # Functions

```
from encodings.utf_32_be import decode
from encodings.utf_32_be import encode
from encodings.utf_32_be import getregentry
```

### # Sentinels / Constants / Objects

```
(none)
```



# encodings.utf\_32\_le

## Classes

```
[
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    decode,
    encode,
    getregentry
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.utf_32_le import IncrementalDecoder
from encodings.utf_32_le import IncrementalEncoder
from encodings.utf_32_le import StreamReader
from encodings.utf_32_le import StreamWriter
```

### # Functions

```
from encodings.utf_32_le import decode
from encodings.utf_32_le import encode
from encodings.utf_32_le import getregentry
```

### # Sentinels / Constants / Objects

```
(none)
```

# encodings.utf\_7

## Classes

```
[
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    decode,
    encode,
    getregentry
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.utf_7 import IncrementalDecoder
from encodings.utf_7 import IncrementalEncoder
from encodings.utf_7 import StreamReader
from encodings.utf_7 import StreamWriter
```

### # Functions

```
from encodings.utf_7 import decode
from encodings.utf_7 import encode
from encodings.utf_7 import getregentry
```

### # Sentinels / Constants / Objects

```
(none)
```

# encodings.utf\_8

## Classes

```
[
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    decode,
    encode,
    getregentry
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.utf_8 import IncrementalDecoder
from encodings.utf_8 import IncrementalEncoder
from encodings.utf_8 import StreamReader
from encodings.utf_8 import StreamWriter
```

### # Functions

```
from encodings.utf_8 import decode
from encodings.utf_8 import encode
from encodings.utf_8 import getregentry
```

### # Sentinels / Constants / Objects

```
(none)
```

# encodings.utf\_8\_sig

## Classes

```
[
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    decode,
    encode,
    getregentry
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.utf_8_sig import IncrementalDecoder
from encodings.utf_8_sig import IncrementalEncoder
from encodings.utf_8_sig import StreamReader
from encodings.utf_8_sig import StreamWriter
```

### # Functions

```
from encodings.utf_8_sig import decode
from encodings.utf_8_sig import encode
from encodings.utf_8_sig import getregentry
```

### # Sentinels / Constants / Objects

```
(none)
```

# encodings.uu\_codec

## Classes

```
[
    BytesIO,
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry,
    uu_decode,
    uu_encode
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.uu_codec import BytesIO
from encodings.uu_codec import Codec
from encodings.uu_codec import IncrementalDecoder
from encodings.uu_codec import IncrementalEncoder
from encodings.uu_codec import StreamReader
from encodings.uu_codec import StreamWriter
```

### # Functions

```
from encodings.uu_codec import getregentry
from encodings.uu_codec import uu_decode
from encodings.uu_codec import uu_encode
```

### # Sentinels / Constants / Objects

```
(none)
```

# encodings.zlib\_codec

## Classes

```
[
    Codec,
    IncrementalDecoder,
    IncrementalEncoder,
    StreamReader,
    StreamWriter
]
```

## Functions

```
[
    getregentry,
    zlib_decode,
    zlib_encode
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from encodings.zlib_codec import Codec
from encodings.zlib_codec import IncrementalDecoder
from encodings.zlib_codec import IncrementalEncoder
from encodings.zlib_codec import StreamReader
from encodings.zlib_codec import StreamWriter
```

### # Functions

```
from encodings.zlib_codec import getregentry
from encodings.zlib_codec import zlib_decode
from encodings.zlib_codec import zlib_encode
```

### # Sentinels / Constants / Objects

```
(none)
```

# html.entities

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

```
[
    codepoint2name,
    entitydefs,
    html5,
    name2codepoint
]
```

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

```
from html.entities import codepoint2name
from html.entities import entitydefs
from html.entities import html5
from html.entities import name2codepoint
```

# html.parser

## Classes

```
[
    HTMLParser
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from html.parser import HTMLParser
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```



# http.client

## Classes

```
[
    BadStatusLine,
    CannotSendHeader,
    CannotSendRequest,
    error,
    HTTPConnection,
    HTTPException,
    HTTPResponse,
    HTTPSConnection,
    ImproperConnectionState,
    IncompleteRead,
    InvalidURL,
    LineTooLong,
    NotConnected,
    RemoteDisconnected,
    ResponseNotReady,
    UnimplementedFileMode,
    UnknownProtocol,
    UnknownTransferEncoding
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[
    responses
]
```

## Import statements

### # Classes

```
from http.client import BadStatusLine
from http.client import CannotSendHeader
from http.client import CannotSendRequest
from http.client import error
from http.client import HTTPConnection
from http.client import HTTPException
from http.client import HTTPResponse
from http.client import HTTPSConnection
from http.client import ImproperConnectionState
from http.client import IncompleteRead
from http.client import InvalidURL
from http.client import LineTooLong
from http.client import NotConnected
from http.client import RemoteDisconnected
from http.client import ResponseNotReady
from http.client import UnimplementedFileMode
from http.client import UnknownProtocol
from http.client import UnknownTransferEncoding
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
from http.client import responses
```

# http.cookiejar

## Classes

```
[  
    Cookie,  
    CookieJar,  
    CookiePolicy,  
    DefaultCookiePolicy,  
    FileCookieJar,  
    LoadError,  
    LWPCookieJar,  
    MozillaCookieJar  
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from http.cookiejar import Cookie  
from http.cookiejar import CookieJar  
from http.cookiejar import CookiePolicy  
from http.cookiejar import DefaultCookiePolicy  
from http.cookiejar import FileCookieJar  
from http.cookiejar import LoadError  
from http.cookiejar import LWPCookieJar  
from http.cookiejar import MozillaCookieJar
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# http.cookies

## Classes

```
[
    BaseCookie,
    CookieError,
    SimpleCookie
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from http.cookies import BaseCookie
from http.cookies import CookieError
from http.cookies import SimpleCookie
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# http.server

## Classes

```
[
    BaseHTTPRequestHandler,
    CGIHTTPRequestHandler,
    HTTPServer,
    SimpleHTTPRequestHandler,
    ThreadingHTTPServer
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from http.server import BaseHTTPRequestHandler
from http.server import CGIHTTPRequestHandler
from http.server import HTTPServer
from http.server import SimpleHTTPRequestHandler
from http.server import ThreadingHTTPServer
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# importlib.abc

## Classes

```
[
    ExecutionLoader,
    FileLoader,
    InspectLoader,
    Loader,
    MetaPathFinder,
    PathEntryFinder,
    ResourceLoader,
    SourceLoader
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from importlib.abc import ExecutionLoader
from importlib.abc import FileLoader
from importlib.abc import InspectLoader
from importlib.abc import Loader
from importlib.abc import MetaPathFinder
from importlib.abc import PathEntryFinder
from importlib.abc import ResourceLoader
from importlib.abc import SourceLoader
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# importlib.machinery

## Classes

```
[
    BuiltinImporter,
    ExtensionFileLoader,
    FileFinder,
    FrozenImporter,
    ModuleSpec,
    NamespaceLoader,
    PathFinder,
    SourceFileLoader,
    SourcelessFileLoader,
    WindowsRegistryFinder
]
```

## Functions

```
[
    all_suffixes
]
```

## Sentinels / Constants / Objects

```
[
    BYTECODE_SUFFIXES,
    DEBUG_BYTECODE_SUFFIXES,
    EXTENSION_SUFFIXES,
    OPTIMIZED_BYTECODE_SUFFIXES,
    SOURCE_SUFFIXES
]
```

## Import statements

### # Classes

```
from importlib.machinery import BuiltinImporter
from importlib.machinery import ExtensionFileLoader
from importlib.machinery import FileFinder
from importlib.machinery import FrozenImporter
from importlib.machinery import ModuleSpec
from importlib.machinery import NamespaceLoader
from importlib.machinery import PathFinder
from importlib.machinery import SourceFileLoader
from importlib.machinery import SourcelessFileLoader
from importlib.machinery import WindowsRegistryFinder
```

### # Functions

```
from importlib.machinery import all_suffixes
```

### # Sentinels / Constants / Objects

```
from importlib.machinery import BYTECODE_SUFFIXES
from importlib.machinery import DEBUG_BYTECODE_SUFFIXES
from importlib.machinery import EXTENSION_SUFFIXES
from importlib.machinery import OPTIMIZED_BYTECODE_SUFFIXES
from importlib.machinery import SOURCE_SUFFIXES
```

# importlib.metadata

## Classes

```
[
    Distribution,
    DistributionFinder,
    PackageMetadata,
    PackageNotFoundError
]
```

## Functions

```
[
    distribution,
    distributions,
    entry_points,
    files,
    metadata,
    packages_distributions,
    requires,
    version
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from importlib.metadata import Distribution
from importlib.metadata import DistributionFinder
from importlib.metadata import PackageMetadata
from importlib.metadata import PackageNotFoundError
```

### # Functions

```
from importlib.metadata import distribution
from importlib.metadata import distributions
from importlib.metadata import entry_points
from importlib.metadata import files
from importlib.metadata import metadata
from importlib.metadata import packages_distributions
from importlib.metadata import requires
from importlib.metadata import version
```

### # Sentinels / Constants / Objects

```
(none)
```

# importlib.readers

## Classes

```
[
    FileReader,
    MultiplexedPath,
    NamespaceReader,
    ZipReader
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from importlib.readers import FileReader
from importlib.readers import MultiplexedPath
from importlib.readers import NamespaceReader
from importlib.readers import ZipReader
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```



# importlib.resources

## Classes

```
[
    Resource,
    ResourceReader
]
```

## Functions

```
[
    as_file,
    contents,
    files,
    is_resource,
    open_binary,
    open_text,
    path,
    read_binary,
    read_text
]
```

## Sentinels / Constants / Objects

```
[
    Anchor,
    Package
]
```

## Import statements

### # Classes

```
from importlib.resources import Resource
from importlib.resources import ResourceReader
```

### # Functions

```
from importlib.resources import as_file
from importlib.resources import contents
from importlib.resources import files
from importlib.resources import is_resource
from importlib.resources import open_binary
from importlib.resources import open_text
from importlib.resources import path
from importlib.resources import read_binary
from importlib.resources import read_text
```

### # Sentinels / Constants / Objects

```
from importlib.resources import Anchor
from importlib.resources import Package
```

# importlib.simple

## Classes

```
[
    ResourceContainer,
    ResourceHandle,
    SimpleReader,
    TraversableReader
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from importlib.simple import ResourceContainer
from importlib.simple import ResourceHandle
from importlib.simple import SimpleReader
from importlib.simple import TraversableReader
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# importlib.util

## Classes

```
[
    LazyLoader,
    Loader
]
```

## Functions

```
[
    cache_from_source,
    decode_source,
    find_spec,
    module_from_spec,
    resolve_name,
    source_from_cache,
    source_hash,
    spec_from_file_location,
    spec_from_loader
]
```

## Sentinels / Constants / Objects

```
[
    MAGIC_NUMBER
]
```

## Import statements

### # Classes

```
from importlib.util import LazyLoader
from importlib.util import Loader
```

### # Functions

```
from importlib.util import cache_from_source
from importlib.util import decode_source
from importlib.util import find_spec
from importlib.util import module_from_spec
from importlib.util import resolve_name
from importlib.util import source_from_cache
from importlib.util import source_hash
from importlib.util import spec_from_file_location
from importlib.util import spec_from_loader
```

### # Sentinels / Constants / Objects

```
from importlib.util import MAGIC_NUMBER
```

# json.decoder

## Classes

```
[
    JSONDecodeError,
    JSONDecoder
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from json.decoder import JSONDecodeError
from json.decoder import JSONDecoder
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# json.encoder

## Classes

```
[
    c_make_encoder,
    JSONEncoder
]
```

## Functions

```
[
    c_encode_basestring,
    c_encode_basestring_ascii,
    encode_basestring,
    encode_basestring_ascii,
    py_encode_basestring,
    py_encode_basestring_ascii
]
```

## Sentinels / Constants / Objects

```
[
    ESCAPE,
    ESCAPE_ASCII,
    ESCAPE_DCT,
    HAS_UTF8,
    INFINITY
]
```

## Import statements

### # Classes

```
from json.encoder import c_make_encoder
from json.encoder import JSONEncoder
```

### # Functions

```
from json.encoder import c_encode_basestring
from json.encoder import c_encode_basestring_ascii
from json.encoder import encode_basestring
from json.encoder import encode_basestring_ascii
from json.encoder import py_encode_basestring
from json.encoder import py_encode_basestring_ascii
```

### # Sentinels / Constants / Objects

```
from json.encoder import ESCAPE
from json.encoder import ESCAPE_ASCII
from json.encoder import ESCAPE_DCT
from json.encoder import HAS_UTF8
from json.encoder import INFINITY
```

# json.scanner

## Classes

```
[
    make_scanner
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from json.scanner import make_scanner
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# json.tool

## Classes

```
[
    Path
]
```

## Functions

```
[
    main
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from json.tool import Path
```

### # Functions

```
from json.tool import main
```

### # Sentinels / Constants / Objects

```
(none)
```

# logging.config

## Classes

```
[
    BaseConfigurator,
    ConvertingDict,
    ConvertingList,
    ConvertingMixin,
    ConvertingTuple,
    dictConfigClass,
    DictConfigurator,
    StreamRequestHandler,
    ThreadingTCPServer
]
```

## Functions

```
[
    dictConfig,
    fileConfig,
    listen,
    stopListening,
    valid_ident
]
```

## Sentinels / Constants / Objects

```
[
    DEFAULT_LOGGING_CONFIG_PORT,
    IDENTIFIER,
    RESET_ERROR
]
```

## Import statements

### # Classes

```
from logging.config import BaseConfigurator
from logging.config import ConvertingDict
from logging.config import ConvertingList
from logging.config import ConvertingMixin
from logging.config import ConvertingTuple
from logging.config import dictConfigClass
from logging.config import DictConfigurator
from logging.config import StreamRequestHandler
from logging.config import ThreadingTCPServer
```

### # Functions

```
from logging.config import dictConfig
from logging.config import fileConfig
from logging.config import listen
from logging.config import stopListening
from logging.config import valid_ident
```

### # Sentinels / Constants / Objects

```
from logging.config import DEFAULT_LOGGING_CONFIG_PORT
from logging.config import IDENTIFIER
from logging.config import RESET_ERROR
```



# logging.handlers

## Classes

```
[
    BaseRotatingHandler,
    BufferingHandler,
    DatagramHandler,
    HTTPHandler,
    MemoryHandler,
    NTEventLogHandler,
    QueueHandler,
    QueueListener,
    RotatingFileHandler,
    SMTPHandler,
    SocketHandler,
    SysLogHandler,
    TimedRotatingFileHandler,
    WatchedFileHandler
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[
    DEFAULT_HTTP_LOGGING_PORT,
    DEFAULT_SOAP_LOGGING_PORT,
    DEFAULT_TCP_LOGGING_PORT,
    DEFAULT_UDP_LOGGING_PORT,
    ST_DEV,
    ST_INO,
    ST_MTIME,
    SYSLOG_TCP_PORT,
    SYSLOG_UDP_PORT
]
```

## Import statements

### # Classes

```
from logging.handlers import BaseRotatingHandler
from logging.handlers import BufferingHandler
from logging.handlers import DatagramHandler
from logging.handlers import HTTPHandler
from logging.handlers import MemoryHandler
from logging.handlers import NTEventLogHandler
from logging.handlers import QueueHandler
from logging.handlers import QueueListener
from logging.handlers import RotatingFileHandler
from logging.handlers import SMTPHandler
from logging.handlers import SocketHandler
from logging.handlers import SysLogHandler
from logging.handlers import TimedRotatingFileHandler
from logging.handlers import WatchedFileHandler
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
from logging.handlers import DEFAULT_HTTP_LOGGING_PORT
from logging.handlers import DEFAULT_SOAP_LOGGING_PORT
from logging.handlers import DEFAULT_TCP_LOGGING_PORT
from logging.handlers import DEFAULT_UDP_LOGGING_PORT
from logging.handlers import ST_DEV
```

```
from logging.handlers import ST_INO
from logging.handlers import ST_MTIME
from logging.handlers import SYSLOG_TCP_PORT
from logging.handlers import SYSLOG_UDP_PORT
```

# multiprocessing.connection

## Classes

```
[
    Listener
]
```

## Functions

```
[
    Client,
    Pipe,
    wait
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from multiprocessing.connection import Listener
```

### # Functions

```
from multiprocessing.connection import Client
```

```
from multiprocessing.connection import Pipe
```

```
from multiprocessing.connection import wait
```

### # Sentinels / Constants / Objects

```
(none)
```

# multiprocessing.context

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# multiprocessing.dummy

## Classes

```
[
    Barrier,
    BoundedSemaphore,
    Condition,
    Event,
    JoinableQueue,
    Process,
    Queue,
    Semaphore
]
```

## Functions

```
[
    active_children,
    current_process,
    freeze_support,
    Lock,
    Manager,
    Pipe,
    Pool,
    RLock
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from multiprocessing.dummy import Barrier
from multiprocessing.dummy import BoundedSemaphore
from multiprocessing.dummy import Condition
from multiprocessing.dummy import Event
from multiprocessing.dummy import JoinableQueue
from multiprocessing.dummy import Process
from multiprocessing.dummy import Queue
from multiprocessing.dummy import Semaphore
```

### # Functions

```
from multiprocessing.dummy import active_children
from multiprocessing.dummy import current_process
from multiprocessing.dummy import freeze_support
from multiprocessing.dummy import Lock
from multiprocessing.dummy import Manager
from multiprocessing.dummy import Pipe
from multiprocessing.dummy import Pool
from multiprocessing.dummy import RLock
```

### # Sentinels / Constants / Objects

```
(none)
```

# multiprocessing.forkserver

## Classes

[ ]

## Functions

```
[
    connect_to_new_process,
    ensure_running,
    get_inherited_fds,
    set_forkserver_preload
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from multiprocessing.forkserver import connect_to_new_process
from multiprocessing.forkserver import ensure_running
from multiprocessing.forkserver import get_inherited_fds
from multiprocessing.forkserver import set_forkserver_preload
```

### # Sentinels / Constants / Objects

(none)

# multiprocessing.heap

## Classes

```
[
    BufferWrapper
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from multiprocessing.heap import BufferWrapper
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# multiprocessing.managers

## Classes

```
[
    BaseManager,
    BaseProxy,
    SharedMemoryManager,
    SyncManager,
    Token
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from multiprocessing.managers import BaseManager
from multiprocessing.managers import BaseProxy
from multiprocessing.managers import SharedMemoryManager
from multiprocessing.managers import SyncManager
from multiprocessing.managers import Token
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```



# multiprocessing.pool

## Classes

```
[
    Pool,
    ThreadPool
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from multiprocessing.pool import Pool
from multiprocessing.pool import ThreadPool
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# multiprocessing.popen\_fork

## Classes

```
[  
    Popen  
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from multiprocessing.popen_fork import Popen
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# multiprocessing.popen\_forkserver

## Classes

```
[  
    Popen  
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from multiprocessing.popen_forkserver import Popen
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# multiprocessing.popen\_spawn\_posix

## Classes

```
[  
    Popen  
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from multiprocessing.popen_spawn_posix import Popen
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# multiprocessing.popen\_spawn\_win32

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# multiprocessing.process

## Classes

```
[
    BaseProcess
]
```

## Functions

```
[
    active_children,
    current_process,
    parent_process
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from multiprocessing.process import BaseProcess
```

### # Functions

```
from multiprocessing.process import active_children
from multiprocessing.process import current_process
from multiprocessing.process import parent_process
```

### # Sentinels / Constants / Objects

```
(none)
```

# multiprocessing.queues

## Classes

```
[
    JoinableQueue,
    Queue,
    SimpleQueue
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from multiprocessing.queues import JoinableQueue
from multiprocessing.queues import Queue
from multiprocessing.queues import SimpleQueue
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# multiprocessing.reduction

## Classes

```
[
    ForkingPickler
]
```

## Functions

```
[
    dump,
    DupFd,
    recv_handle,
    recvfds,
    register,
    send_handle,
    sendfds
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from multiprocessing.reduction import ForkingPickler
```

### # Functions

```
from multiprocessing.reduction import dump
from multiprocessing.reduction import DupFd
from multiprocessing.reduction import recv_handle
from multiprocessing.reduction import recvfds
from multiprocessing.reduction import register
from multiprocessing.reduction import send_handle
from multiprocessing.reduction import sendfds
```

### # Sentinels / Constants / Objects

```
(none)
```



# multiprocessing.resource\_sharer

## Classes

```
[
    DupFd
]
```

## Functions

```
[
    stop
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from multiprocessing.resource_sharer import DupFd
```

### # Functions

```
from multiprocessing.resource_sharer import stop
```

### # Sentinels / Constants / Objects

```
(none)
```

# multiprocessing.resource\_tracker

## Classes

[ ]

## Functions

```
[
    ensure_running,
    register,
    unregister
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from multiprocessing.resource_tracker import ensure_running
from multiprocessing.resource_tracker import register
from multiprocessing.resource_tracker import unregister
```

### # Sentinels / Constants / Objects

(none)

# multiprocessing.shared\_memory

## Classes

```
[
    ShareableList,
    SharedMemory
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from multiprocessing.shared_memory import ShareableList
from multiprocessing.shared_memory import SharedMemory
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# multiprocessing.sharedctypes

## Classes

[ ]

## Functions

```
[
    Array,
    copy,
    RawArray,
    RawValue,
    synchronized,
    Value
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from multiprocessing.sharedctypes import Array
from multiprocessing.sharedctypes import copy
from multiprocessing.sharedctypes import RawArray
from multiprocessing.sharedctypes import RawValue
from multiprocessing.sharedctypes import synchronized
from multiprocessing.sharedctypes import Value
```

### # Sentinels / Constants / Objects

(none)

# multiprocessing.spawn

## Classes

[ ]

## Functions

```
[
    freeze_support,
    get_command_line,
    get_executable,
    get_preparation_data,
    import_main_path,
    set_executable
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from multiprocessing.spawn import freeze_support
from multiprocessing.spawn import get_command_line
from multiprocessing.spawn import get_executable
from multiprocessing.spawn import get_preparation_data
from multiprocessing.spawn import import_main_path
from multiprocessing.spawn import set_executable
```

### # Sentinels / Constants / Objects

(none)

# multiprocessing.synchronize

## Classes

```
[  
    BoundedSemaphore,  
    Condition,  
    Event,  
    Lock,  
    RLock,  
    Semaphore  
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from multiprocessing.synchronize import BoundedSemaphore  
from multiprocessing.synchronize import Condition  
from multiprocessing.synchronize import Event  
from multiprocessing.synchronize import Lock  
from multiprocessing.synchronize import RLock  
from multiprocessing.synchronize import Semaphore
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# multiprocessing.util

## Classes

```
[
    Finalize,
    ForkAwareLocal,
    ForkAwareThreadLock
]
```

## Functions

```
[
    close_all_fds_except,
    debug,
    get_logger,
    get_temp_dir,
    info,
    is_exiting,
    log_to_stderr,
    register_after_fork,
    sub_debug,
    sub_warning
]
```

## Sentinels / Constants / Objects

```
[
    SUBDEBUG,
    SUBWARNING
]
```

## Import statements

### # Classes

```
from multiprocessing.util import Finalize
from multiprocessing.util import ForkAwareLocal
from multiprocessing.util import ForkAwareThreadLock
```

### # Functions

```
from multiprocessing.util import close_all_fds_except
from multiprocessing.util import debug
from multiprocessing.util import get_logger
from multiprocessing.util import get_temp_dir
from multiprocessing.util import info
from multiprocessing.util import is_exiting
from multiprocessing.util import log_to_stderr
from multiprocessing.util import register_after_fork
from multiprocessing.util import sub_debug
from multiprocessing.util import sub_warning
```

### # Sentinels / Constants / Objects

```
from multiprocessing.util import SUBDEBUG
from multiprocessing.util import SUBWARNING
```

# pydoc\_data.topics

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

```
[
    topics
]
```

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

```
from pydoc_data.topics import topics
```



# sqlite3.dbapi2

## Classes

```
[
    Binary,
    Blob,
    Connection,
    Cursor,
    DatabaseError,
    DataError,
    Date,
    Error,
    IntegrityError,
    InterfaceError,
    InternalError,
    NotSupportedError,
    OperationalError,
    PrepareProtocol,
    ProgrammingError,
    Row,
    Time,
    Timestamp,
    Warning
]
```

## Functions

```
[
    adapt,
    complete_statement,
    connect,
    DateFromTicks,
    enable_callback_tracebacks,
    register_adapter,
    register_converter,
    TimeFromTicks,
    TimestampFromTicks
]
```

## Sentinels / Constants / Objects

```
[
    adapters,
    apilevel,
    converters,
    LEGACY_TRANSACTION_CONTROL,
    paramstyle,
    PARSE_COLNAMES,
    PARSE_DECLTYPES,
    SQLITE_ABORT,
    SQLITE_ABORT_ROLLBACK,
    SQLITE_ALTER_TABLE,
    SQLITE_ANALYZE,
    SQLITE_ATTACH,
    SQLITE_AUTH,
    SQLITE_AUTH_USER,
    SQLITE_BUSY,
    SQLITE_BUSY_RECOVERY,
    SQLITE_BUSY_SNAPSHOT,
    SQLITE_BUSY_TIMEOUT,
    SQLITE_CANTOPEN,
    SQLITE_CANTOPEN_CONVPATH,

```

SQLITE\_CANTOPEN\_DIRTYWAL,  
SQLITE\_CANTOPEN\_FULLPATH,  
SQLITE\_CANTOPEN\_ISDIR,  
SQLITE\_CANTOPEN\_NOTEMPDIR,  
SQLITE\_CANTOPEN\_SYMLINK,  
SQLITE\_CONSTRAINT,  
SQLITE\_CONSTRAINT\_CHECK,  
SQLITE\_CONSTRAINT\_COMMITHOOK,  
SQLITE\_CONSTRAINT\_FOREIGNKEY,  
SQLITE\_CONSTRAINT\_FUNCTION,  
SQLITE\_CONSTRAINT\_NOTNULL,  
SQLITE\_CONSTRAINT\_PINNED,  
SQLITE\_CONSTRAINT\_PRIMARYKEY,  
SQLITE\_CONSTRAINT\_ROWID,  
SQLITE\_CONSTRAINT\_TRIGGER,  
SQLITE\_CONSTRAINT\_UNIQUE,  
SQLITE\_CONSTRAINT\_VTAB,  
SQLITE\_CORRUPT,  
SQLITE\_CORRUPT\_INDEX,  
SQLITE\_CORRUPT\_SEQUENCE,  
SQLITE\_CORRUPT\_VTAB,  
SQLITE\_CREATE\_INDEX,  
SQLITE\_CREATE\_TABLE,  
SQLITE\_CREATE\_TEMP\_INDEX,  
SQLITE\_CREATE\_TEMP\_TABLE,  
SQLITE\_CREATE\_TEMP\_TRIGGER,  
SQLITE\_CREATE\_TEMP\_VIEW,  
SQLITE\_CREATE\_TRIGGER,  
SQLITE\_CREATE\_VIEW,  
SQLITE\_CREATE\_VTABLE,  
SQLITE\_DBCONFIG\_DEFENSIVE,  
SQLITE\_DBCONFIG\_DQS\_DDL,  
SQLITE\_DBCONFIG\_DQS\_DML,  
SQLITE\_DBCONFIG\_ENABLE\_FKEY,  
SQLITE\_DBCONFIG\_ENABLE\_FTS3\_TOKENIZER,  
SQLITE\_DBCONFIG\_ENABLE\_LOAD\_EXTENSION,  
SQLITE\_DBCONFIG\_ENABLE\_QPSG,  
SQLITE\_DBCONFIG\_ENABLE\_TRIGGER,  
SQLITE\_DBCONFIG\_ENABLE\_VIEW,  
SQLITE\_DBCONFIG\_LEGACY\_ALTER\_TABLE,  
SQLITE\_DBCONFIG\_LEGACY\_FILE\_FORMAT,  
SQLITE\_DBCONFIG\_NO\_CKPT\_ON\_CLOSE,  
SQLITE\_DBCONFIG\_RESET\_DATABASE,  
SQLITE\_DBCONFIG\_TRIGGER\_EQP,  
SQLITE\_DBCONFIG\_TRUSTED\_SCHEMA,  
SQLITE\_DBCONFIG\_WRITABLE\_SCHEMA,  
SQLITE\_DELETE,  
SQLITE\_DENY,  
SQLITE\_DETACH,  
SQLITE\_DONE,  
SQLITE\_DROP\_INDEX,  
SQLITE\_DROP\_TABLE,  
SQLITE\_DROP\_TEMP\_INDEX,  
SQLITE\_DROP\_TEMP\_TABLE,  
SQLITE\_DROP\_TEMP\_TRIGGER,  
SQLITE\_DROP\_TEMP\_VIEW,  
SQLITE\_DROP\_TRIGGER,  
SQLITE\_DROP\_VIEW,  
SQLITE\_DROP\_VTABLE,  
SQLITE\_EMPTY,  
SQLITE\_ERROR,  
SQLITE\_ERROR\_MISSING\_COLLSEQ,

SQLITE\_ERROR\_RETRY,  
SQLITE\_ERROR\_SNAPSHOT,  
SQLITE\_FORMAT,  
SQLITE\_FULL,  
SQLITE\_FUNCTION,  
SQLITE\_IGNORE,  
SQLITE\_INSERT,  
SQLITE\_INTERNAL,  
SQLITE\_INTERRUPT,  
SQLITE\_IOERR,  
SQLITE\_IOERR\_ACCESS,  
SQLITE\_IOERR\_AUTH,  
SQLITE\_IOERR\_BEGIN\_ATOMIC,  
SQLITE\_IOERR\_BLOCKED,  
SQLITE\_IOERR\_CHECKRESERVEDLOCK,  
SQLITE\_IOERR\_CLOSE,  
SQLITE\_IOERR\_COMMIT\_ATOMIC,  
SQLITE\_IOERR\_CONVPATH,  
SQLITE\_IOERR\_CORRUPTFS,  
SQLITE\_IOERR\_DATA,  
SQLITE\_IOERR\_DELETE,  
SQLITE\_IOERR\_DELETE\_NOENT,  
SQLITE\_IOERR\_DIR\_CLOSE,  
SQLITE\_IOERR\_DIR\_FSYNC,  
SQLITE\_IOERR\_FSTAT,  
SQLITE\_IOERR\_FSYNC,  
SQLITE\_IOERR\_GETTEMPPATH,  
SQLITE\_IOERR\_LOCK,  
SQLITE\_IOERR\_MMAP,  
SQLITE\_IOERR\_NOMEM,  
SQLITE\_IOERR\_RDLOCK,  
SQLITE\_IOERR\_READ,  
SQLITE\_IOERR\_ROLLBACK\_ATOMIC,  
SQLITE\_IOERR\_SEEK,  
SQLITE\_IOERR\_SHMLOCK,  
SQLITE\_IOERR\_SHMMAP,  
SQLITE\_IOERR\_SHMOPEN,  
SQLITE\_IOERR\_SHMSIZE,  
SQLITE\_IOERR\_SHORT\_READ,  
SQLITE\_IOERR\_TRUNCATE,  
SQLITE\_IOERR\_UNLOCK,  
SQLITE\_IOERR\_VNODE,  
SQLITE\_IOERR\_WRITE,  
SQLITE\_LIMIT\_ATTACHED,  
SQLITE\_LIMIT\_COLUMN,  
SQLITE\_LIMIT\_COMPOUND\_SELECT,  
SQLITE\_LIMIT\_EXPR\_DEPTH,  
SQLITE\_LIMIT\_FUNCTION\_ARG,  
SQLITE\_LIMIT\_LENGTH,  
SQLITE\_LIMIT\_LIKE\_PATTERN\_LENGTH,  
SQLITE\_LIMIT\_SQL\_LENGTH,  
SQLITE\_LIMIT\_TRIGGER\_DEPTH,  
SQLITE\_LIMIT\_VARIABLE\_NUMBER,  
SQLITE\_LIMIT\_VDBE\_OP,  
SQLITE\_LIMIT\_WORKER\_THREADS,  
SQLITE\_LOCKED,  
SQLITE\_LOCKED\_SHARED\_CACHE,  
SQLITE\_LOCKED\_VTAB,  
SQLITE\_MISMATCH,  
SQLITE\_MISUSE,  
SQLITE\_NOLFS,  
SQLITE\_NOMEM,

```

SQLITE_NOTADB,
SQLITE_NOTFOUND,
SQLITE_NOTICE,
SQLITE_NOTICE_RECOVER_ROLLBACK,
SQLITE_NOTICE_RECOVER_WAL,
SQLITE_OK,
SQLITE_OK_LOAD_PERMANENTLY,
SQLITE_OK_SYMLINK,
SQLITE_PERM,
SQLITE_PRAGMA,
SQLITE_PROTOCOL,
SQLITE_RANGE,
SQLITE_READ,
SQLITE_READONLY,
SQLITE_READONLY_CANTINIT,
SQLITE_READONLY_CANTLOCK,
SQLITE_READONLY_DBMOVED,
SQLITE_READONLY_DIRECTORY,
SQLITE_READONLY_RECOVERY,
SQLITE_READONLY_ROLLBACK,
SQLITE_RECURSIVE,
SQLITE_REINDEX,
SQLITE_ROW,
SQLITE_SAVEPOINT,
SQLITE_SCHEMA,
SQLITE_SELECT,
SQLITE_TOOBIG,
SQLITE_TRANSACTION,
SQLITE_UPDATE,
sqlite_version,
sqlite_version_info,
SQLITE_WARNING,
SQLITE_WARNING_AUTOINDEX,
threadsafety
]

```

## Import statements

### # Classes

```

from sqlite3.dbapi2 import Binary
from sqlite3.dbapi2 import Blob
from sqlite3.dbapi2 import Connection
from sqlite3.dbapi2 import Cursor
from sqlite3.dbapi2 import DatabaseError
from sqlite3.dbapi2 import DataError
from sqlite3.dbapi2 import Date
from sqlite3.dbapi2 import Error
from sqlite3.dbapi2 import IntegrityError
from sqlite3.dbapi2 import InterfaceError
from sqlite3.dbapi2 import InternalError
from sqlite3.dbapi2 import NotSupportedError
from sqlite3.dbapi2 import OperationalError
from sqlite3.dbapi2 import PrepareProtocol
from sqlite3.dbapi2 import ProgrammingError
from sqlite3.dbapi2 import Row
from sqlite3.dbapi2 import Time
from sqlite3.dbapi2 import Timestamp
from sqlite3.dbapi2 import Warning

```

### # Functions

```

from sqlite3.dbapi2 import adapt
from sqlite3.dbapi2 import complete_statement
from sqlite3.dbapi2 import connect

```

```

from sqlite3.dbapi2 import DateFromTicks
from sqlite3.dbapi2 import enable_callback_tracebacks
from sqlite3.dbapi2 import register_adapter
from sqlite3.dbapi2 import register_converter
from sqlite3.dbapi2 import TimeFromTicks
from sqlite3.dbapi2 import TimestampFromTicks
# Sentinels / Constants / Objects
from sqlite3.dbapi2 import adapters
from sqlite3.dbapi2 import apilevel
from sqlite3.dbapi2 import converters
from sqlite3.dbapi2 import LEGACY_TRANSACTION_CONTROL
from sqlite3.dbapi2 import paramstyle
from sqlite3.dbapi2 import PARSE_COLNAMES
from sqlite3.dbapi2 import PARSE_DECLTYPES
from sqlite3.dbapi2 import SQLITE_ABORT
from sqlite3.dbapi2 import SQLITE_ABORT_ROLLBACK
from sqlite3.dbapi2 import SQLITE_ALTER_TABLE
from sqlite3.dbapi2 import SQLITE_ANALYZE
from sqlite3.dbapi2 import SQLITE_ATTACH
from sqlite3.dbapi2 import SQLITE_AUTH
from sqlite3.dbapi2 import SQLITE_AUTH_USER
from sqlite3.dbapi2 import SQLITE_BUSY
from sqlite3.dbapi2 import SQLITE_BUSY_RECOVERY
from sqlite3.dbapi2 import SQLITE_BUSY_SNAPSHOT
from sqlite3.dbapi2 import SQLITE_BUSY_TIMEOUT
from sqlite3.dbapi2 import SQLITE_CANTOPEN
from sqlite3.dbapi2 import SQLITE_CANTOPEN_CONVPATH
from sqlite3.dbapi2 import SQLITE_CANTOPEN_DIRTYWAL
from sqlite3.dbapi2 import SQLITE_CANTOPEN_FULLPATH
from sqlite3.dbapi2 import SQLITE_CANTOPEN_ISDIR
from sqlite3.dbapi2 import SQLITE_CANTOPEN_NOTEMPDIR
from sqlite3.dbapi2 import SQLITE_CANTOPEN_SYMLINK
from sqlite3.dbapi2 import SQLITE_CONSTRAINT
from sqlite3.dbapi2 import SQLITE_CONSTRAINT_CHECK
from sqlite3.dbapi2 import SQLITE_CONSTRAINT_COMMITHOOK
from sqlite3.dbapi2 import SQLITE_CONSTRAINT_FOREIGNKEY
from sqlite3.dbapi2 import SQLITE_CONSTRAINT_FUNCTION
from sqlite3.dbapi2 import SQLITE_CONSTRAINT_NOTNULL
from sqlite3.dbapi2 import SQLITE_CONSTRAINT_PINNED
from sqlite3.dbapi2 import SQLITE_CONSTRAINT_PRIMARYKEY
from sqlite3.dbapi2 import SQLITE_CONSTRAINT_ROWID
from sqlite3.dbapi2 import SQLITE_CONSTRAINT_TRIGGER
from sqlite3.dbapi2 import SQLITE_CONSTRAINT_UNIQUE
from sqlite3.dbapi2 import SQLITE_CONSTRAINT_VTAB
from sqlite3.dbapi2 import SQLITE_CORRUPT
from sqlite3.dbapi2 import SQLITE_CORRUPT_INDEX
from sqlite3.dbapi2 import SQLITE_CORRUPT_SEQUENCE
from sqlite3.dbapi2 import SQLITE_CORRUPT_VTAB
from sqlite3.dbapi2 import SQLITE_CREATE_INDEX
from sqlite3.dbapi2 import SQLITE_CREATE_TABLE
from sqlite3.dbapi2 import SQLITE_CREATE_TEMP_INDEX
from sqlite3.dbapi2 import SQLITE_CREATE_TEMP_TABLE
from sqlite3.dbapi2 import SQLITE_CREATE_TEMP_TRIGGER
from sqlite3.dbapi2 import SQLITE_CREATE_TEMP_VIEW
from sqlite3.dbapi2 import SQLITE_CREATE_TRIGGER
from sqlite3.dbapi2 import SQLITE_CREATE_VIEW
from sqlite3.dbapi2 import SQLITE_CREATE_VTABLE
from sqlite3.dbapi2 import SQLITE_DBCONFIG_DEFENSIVE
from sqlite3.dbapi2 import SQLITE_DBCONFIG_DQS_DDL
from sqlite3.dbapi2 import SQLITE_DBCONFIG_DQS_DML
from sqlite3.dbapi2 import SQLITE_DBCONFIG_ENABLE_FKEY
from sqlite3.dbapi2 import SQLITE_DBCONFIG_ENABLE_FTS3_TOKENIZER

```

```
from sqlite3.dbapi2 import SQLITE_DBCONFIG_ENABLE_LOAD_EXTENSION
from sqlite3.dbapi2 import SQLITE_DBCONFIG_ENABLE_QPSG
from sqlite3.dbapi2 import SQLITE_DBCONFIG_ENABLE_TRIGGER
from sqlite3.dbapi2 import SQLITE_DBCONFIG_ENABLE_VIEW
from sqlite3.dbapi2 import SQLITE_DBCONFIG_LEGACY_ALTER_TABLE
from sqlite3.dbapi2 import SQLITE_DBCONFIG_LEGACY_FILE_FORMAT
from sqlite3.dbapi2 import SQLITE_DBCONFIG_NO_CKPT_ON_CLOSE
from sqlite3.dbapi2 import SQLITE_DBCONFIG_RESET_DATABASE
from sqlite3.dbapi2 import SQLITE_DBCONFIG_TRIGGER_EQP
from sqlite3.dbapi2 import SQLITE_DBCONFIG_TRUSTED_SCHEMA
from sqlite3.dbapi2 import SQLITE_DBCONFIG_WRITABLE_SCHEMA
from sqlite3.dbapi2 import SQLITE_DELETE
from sqlite3.dbapi2 import SQLITE_DENY
from sqlite3.dbapi2 import SQLITE_DETACH
from sqlite3.dbapi2 import SQLITE_DONE
from sqlite3.dbapi2 import SQLITE_DROP_INDEX
from sqlite3.dbapi2 import SQLITE_DROP_TABLE
from sqlite3.dbapi2 import SQLITE_DROP_TEMP_INDEX
from sqlite3.dbapi2 import SQLITE_DROP_TEMP_TABLE
from sqlite3.dbapi2 import SQLITE_DROP_TEMP_TRIGGER
from sqlite3.dbapi2 import SQLITE_DROP_TEMP_VIEW
from sqlite3.dbapi2 import SQLITE_DROP_TRIGGER
from sqlite3.dbapi2 import SQLITE_DROP_VIEW
from sqlite3.dbapi2 import SQLITE_DROP_VTABLE
from sqlite3.dbapi2 import SQLITE_EMPTY
from sqlite3.dbapi2 import SQLITE_ERROR
from sqlite3.dbapi2 import SQLITE_ERROR_MISSING_COLLSEQ
from sqlite3.dbapi2 import SQLITE_ERROR_RETRY
from sqlite3.dbapi2 import SQLITE_ERROR_SNAPSHOT
from sqlite3.dbapi2 import SQLITE_FORMAT
from sqlite3.dbapi2 import SQLITE_FULL
from sqlite3.dbapi2 import SQLITE_FUNCTION
from sqlite3.dbapi2 import SQLITE_IGNORE
from sqlite3.dbapi2 import SQLITE_INSERT
from sqlite3.dbapi2 import SQLITE_INTERNAL
from sqlite3.dbapi2 import SQLITE_INTERRUPT
from sqlite3.dbapi2 import SQLITE_IOERR
from sqlite3.dbapi2 import SQLITE_IOERR_ACCESS
from sqlite3.dbapi2 import SQLITE_IOERR_AUTH
from sqlite3.dbapi2 import SQLITE_IOERR_BEGIN_ATOMIC
from sqlite3.dbapi2 import SQLITE_IOERR_BLOCKED
from sqlite3.dbapi2 import SQLITE_IOERR_CHECKRESERVEDLOCK
from sqlite3.dbapi2 import SQLITE_IOERR_CLOSE
from sqlite3.dbapi2 import SQLITE_IOERR_COMMIT_ATOMIC
from sqlite3.dbapi2 import SQLITE_IOERR_CONVPATH
from sqlite3.dbapi2 import SQLITE_IOERR_CORRUPTFS
from sqlite3.dbapi2 import SQLITE_IOERR_DATA
from sqlite3.dbapi2 import SQLITE_IOERR_DELETE
from sqlite3.dbapi2 import SQLITE_IOERR_DELETE_NOENT
from sqlite3.dbapi2 import SQLITE_IOERR_DIR_CLOSE
from sqlite3.dbapi2 import SQLITE_IOERR_DIR_FSYNC
from sqlite3.dbapi2 import SQLITE_IOERR_FSTAT
from sqlite3.dbapi2 import SQLITE_IOERR_FSYNC
from sqlite3.dbapi2 import SQLITE_IOERR_GETTEMPPATH
from sqlite3.dbapi2 import SQLITE_IOERR_LOCK
from sqlite3.dbapi2 import SQLITE_IOERR_MMAP
from sqlite3.dbapi2 import SQLITE_IOERR_NOMEM
from sqlite3.dbapi2 import SQLITE_IOERR_RDLOCK
from sqlite3.dbapi2 import SQLITE_IOERR_READ
from sqlite3.dbapi2 import SQLITE_IOERR_ROLLBACK_ATOMIC
from sqlite3.dbapi2 import SQLITE_IOERR_SEEK
from sqlite3.dbapi2 import SQLITE_IOERR_SHMLOCK
```

```
from sqlite3.dbapi2 import SQLITE_IOERR_SHMMAP
from sqlite3.dbapi2 import SQLITE_IOERR_SHMOPEN
from sqlite3.dbapi2 import SQLITE_IOERR_SHMSIZE
from sqlite3.dbapi2 import SQLITE_IOERR_SHORT_READ
from sqlite3.dbapi2 import SQLITE_IOERR_TRUNCATE
from sqlite3.dbapi2 import SQLITE_IOERR_UNLOCK
from sqlite3.dbapi2 import SQLITE_IOERR_VNODE
from sqlite3.dbapi2 import SQLITE_IOERR_WRITE
from sqlite3.dbapi2 import SQLITE_LIMIT_ATTACHED
from sqlite3.dbapi2 import SQLITE_LIMIT_COLUMN
from sqlite3.dbapi2 import SQLITE_LIMIT_COMPOUND_SELECT
from sqlite3.dbapi2 import SQLITE_LIMIT_EXPR_DEPTH
from sqlite3.dbapi2 import SQLITE_LIMIT_FUNCTION_ARG
from sqlite3.dbapi2 import SQLITE_LIMIT_LENGTH
from sqlite3.dbapi2 import SQLITE_LIMIT LIKE_PATTERN_LENGTH
from sqlite3.dbapi2 import SQLITE_LIMIT_SQL_LENGTH
from sqlite3.dbapi2 import SQLITE_LIMIT_TRIGGER_DEPTH
from sqlite3.dbapi2 import SQLITE_LIMIT_VARIABLE_NUMBER
from sqlite3.dbapi2 import SQLITE_LIMIT_VDBE_OP
from sqlite3.dbapi2 import SQLITE_LIMIT_WORKER_THREADS
from sqlite3.dbapi2 import SQLITE_LOCKED
from sqlite3.dbapi2 import SQLITE_LOCKED_SHARED_CACHE
from sqlite3.dbapi2 import SQLITE_LOCKED_VTAB
from sqlite3.dbapi2 import SQLITE_MISMATCH
from sqlite3.dbapi2 import SQLITE_MISUSE
from sqlite3.dbapi2 import SQLITE_NOLFS
from sqlite3.dbapi2 import SQLITE_NOMEM
from sqlite3.dbapi2 import SQLITE_NOTADB
from sqlite3.dbapi2 import SQLITE_NOTFOUND
from sqlite3.dbapi2 import SQLITE_NOTICE
from sqlite3.dbapi2 import SQLITE_NOTICE_RECOVER_ROLLBACK
from sqlite3.dbapi2 import SQLITE_NOTICE_RECOVER_WAL
from sqlite3.dbapi2 import SQLITE_OK
from sqlite3.dbapi2 import SQLITE_OK_LOAD_PERMANENTLY
from sqlite3.dbapi2 import SQLITE_OK_SYMLINK
from sqlite3.dbapi2 import SQLITE_PERM
from sqlite3.dbapi2 import SQLITE_PRAGMA
from sqlite3.dbapi2 import SQLITE_PROTOCOL
from sqlite3.dbapi2 import SQLITE_RANGE
from sqlite3.dbapi2 import SQLITE_READ
from sqlite3.dbapi2 import SQLITE_READONLY
from sqlite3.dbapi2 import SQLITE_READONLY_CANTINIT
from sqlite3.dbapi2 import SQLITE_READONLY_CANTLOCK
from sqlite3.dbapi2 import SQLITE_READONLY_DBMOVED
from sqlite3.dbapi2 import SQLITE_READONLY_DIRECTORY
from sqlite3.dbapi2 import SQLITE_READONLY_RECOVERY
from sqlite3.dbapi2 import SQLITE_READONLY_ROLLBACK
from sqlite3.dbapi2 import SQLITE_RECURSIVE
from sqlite3.dbapi2 import SQLITE_REINDEX
from sqlite3.dbapi2 import SQLITE_ROW
from sqlite3.dbapi2 import SQLITE_SAVEPOINT
from sqlite3.dbapi2 import SQLITE_SCHEMA
from sqlite3.dbapi2 import SQLITE_SELECT
from sqlite3.dbapi2 import SQLITE_TOOBIG
from sqlite3.dbapi2 import SQLITE_TRANSACTION
from sqlite3.dbapi2 import SQLITE_UPDATE
from sqlite3.dbapi2 import sqlite_version
from sqlite3.dbapi2 import sqlite_version_info
from sqlite3.dbapi2 import SQLITE_WARNING
from sqlite3.dbapi2 import SQLITE_WARNING_AUTOINDEX
from sqlite3.dbapi2 import threadsafety
```





# sqlite3.dump

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# tkinter.colorchooser

## Classes

```
[
    Chooser
]
```

## Functions

```
[
    askcolor
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from tkinter.colorchooser import Chooser
```

### # Functions

```
from tkinter.colorchooser import askcolor
```

### # Sentinels / Constants / Objects

```
(none)
```

# tkinter.commondialog

## Classes

```
[
    Dialog
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from tkinter.commondialog import Dialog
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# tkinter.constants

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[

ACTIVE ,  
ALL ,  
ANCHOR ,  
ARC ,  
BASELINE ,  
BEVEL ,  
BOTH ,  
BOTTOM ,  
BROWSE ,  
BUTT ,  
CASCADE ,  
CENTER ,  
CHAR ,  
CHECKBUTTON ,  
CHORD ,  
COMMAND ,  
CURRENT ,  
DISABLED ,  
DOTBOX ,  
E ,  
END ,  
EW ,  
EXTENDED ,  
FALSE ,  
FIRST ,  
FLAT ,  
GROOVE ,  
HIDDEN ,  
HORIZONTAL ,  
INSERT ,  
INSIDE ,  
LAST ,  
LEFT ,  
MITER ,  
MOVETO ,  
MULTIPLE ,  
N ,  
NE ,  
NO ,  
NONE ,  
NORMAL ,  
NS ,  
NSEW ,  
NUMERIC ,  
NW ,  
OFF ,  
ON ,  
OUTSIDE ,  
PAGES ,  
PIESLICE ,

```

PROJECTING,
RADIOBUTTON,
RAISED,
RIDGE,
RIGHT,
ROUND,
S,
SCROLL,
SE,
SEL,
SEL_FIRST,
SEL_LAST,
SEPARATOR,
SINGLE,
SOLID,
SUNKEN,
SW,
TOP,
TRUE,
UNDERLINE,
UNITS,
VERTICAL,
W,
WORD,
X,
Y,
YES
]

```

## Import statements

### # Classes

```
(none)
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```

from tkinter.constants import ACTIVE
from tkinter.constants import ALL
from tkinter.constants import ANCHOR
from tkinter.constants import ARC
from tkinter.constants import BASELINE
from tkinter.constants import BEVEL
from tkinter.constants import BOTH
from tkinter.constants import BOTTOM
from tkinter.constants import BROWSE
from tkinter.constants import BUTT
from tkinter.constants import CASCADE
from tkinter.constants import CENTER
from tkinter.constants import CHAR
from tkinter.constants import CHECKBUTTON
from tkinter.constants import CHORD
from tkinter.constants import COMMAND
from tkinter.constants import CURRENT
from tkinter.constants import DISABLED
from tkinter.constants import DOTBOX
from tkinter.constants import E
from tkinter.constants import END
from tkinter.constants import EW
from tkinter.constants import EXTENDED
from tkinter.constants import FALSE
from tkinter.constants import FIRST
from tkinter.constants import FLAT

```

```
from tkinter.constants import GROOVE
from tkinter.constants import HIDDEN
from tkinter.constants import HORIZONTAL
from tkinter.constants import INSERT
from tkinter.constants import INSIDE
from tkinter.constants import LAST
from tkinter.constants import LEFT
from tkinter.constants import MITER
from tkinter.constants import MOVETO
from tkinter.constants import MULTIPLE
from tkinter.constants import N
from tkinter.constants import NE
from tkinter.constants import NO
from tkinter.constants import NONE
from tkinter.constants import NORMAL
from tkinter.constants import NS
from tkinter.constants import NSEW
from tkinter.constants import NUMERIC
from tkinter.constants import NW
from tkinter.constants import OFF
from tkinter.constants import ON
from tkinter.constants import OUTSIDE
from tkinter.constants import PAGES
from tkinter.constants import PIESLICE
from tkinter.constants import PROJECTING
from tkinter.constants import RADIOBUTTON
from tkinter.constants import RAISED
from tkinter.constants import RIDGE
from tkinter.constants import RIGHT
from tkinter.constants import ROUND
from tkinter.constants import S
from tkinter.constants import SCROLL
from tkinter.constants import SE
from tkinter.constants import SEL
from tkinter.constants import SEL_FIRST
from tkinter.constants import SEL_LAST
from tkinter.constants import SEPARATOR
from tkinter.constants import SINGLE
from tkinter.constants import SOLID
from tkinter.constants import SUNKEN
from tkinter.constants import SW
from tkinter.constants import TOP
from tkinter.constants import TRUE
from tkinter.constants import UNDERLINE
from tkinter.constants import UNITS
from tkinter.constants import VERTICAL
from tkinter.constants import W
from tkinter.constants import WORD
from tkinter.constants import X
from tkinter.constants import Y
from tkinter.constants import YES
```

# tkinter.dialog

## Classes

```
[
    Dialog
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from tkinter.dialog import Dialog
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# tkinter.dnd

## Classes

```
[  
    DndHandler  
]
```

## Functions

```
[  
    dnd_start  
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from tkinter.dnd import DndHandler
```

### # Functions

```
from tkinter.dnd import dnd_start
```

### # Sentinels / Constants / Objects

```
(none)
```



# tkinter.filedialog

## Classes

```
[
    Directory,
    FileDialog,
    LoadFileDialog,
    Open,
    SaveAs,
    SaveFileDialog
]
```

## Functions

```
[
    askdirectory,
    askopenfile,
    askopenfilename,
    askopenfilenames,
    askopenfiles,
    asksaveasfile,
    asksaveasfilename
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from tkinter.filedialog import Directory
from tkinter.filedialog import FileDialog
from tkinter.filedialog import LoadFileDialog
from tkinter.filedialog import Open
from tkinter.filedialog import SaveAs
from tkinter.filedialog import SaveFileDialog
```

### # Functions

```
from tkinter.filedialog import askdirectory
from tkinter.filedialog import askopenfile
from tkinter.filedialog import askopenfilename
from tkinter.filedialog import askopenfilenames
from tkinter.filedialog import askopenfiles
from tkinter.filedialog import asksaveasfile
from tkinter.filedialog import asksaveasfilename
```

### # Sentinels / Constants / Objects

```
(none)
```

# tkinter.font

## Classes

```
[
    Font
]
```

## Functions

```
[
    families,
    names,
    nametofont
]
```

## Sentinels / Constants / Objects

```
[
    BOLD,
    ITALIC,
    NORMAL,
    ROMAN
]
```

## Import statements

### # Classes

```
from tkinter.font import Font
```

### # Functions

```
from tkinter.font import families
from tkinter.font import names
from tkinter.font import nametofont
```

### # Sentinels / Constants / Objects

```
from tkinter.font import BOLD
from tkinter.font import ITALIC
from tkinter.font import NORMAL
from tkinter.font import ROMAN
```

# tkinter.messagebox

## Classes

[ ]

## Functions

```
[
    askokcancel,
    askquestion,
    askretrycancel,
    askyesno,
    askyesnocancel,
    showerror,
    showinfo,
    showwarning
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from tkinter.messagebox import askokcancel
from tkinter.messagebox import askquestion
from tkinter.messagebox import askretrycancel
from tkinter.messagebox import askyesno
from tkinter.messagebox import askyesnocancel
from tkinter.messagebox import showerror
from tkinter.messagebox import showinfo
from tkinter.messagebox import showwarning
```

### # Sentinels / Constants / Objects

(none)

# tkinter.scrolledtext

## Classes

```
[
    ScrolledText
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from tkinter.scrolledtext import ScrolledText
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# tkinter.simpdialog

## Classes

```
[
    BaseWidget,
    BitmapImage,
    BooleanVar,
    Button,
    CallWrapper,
    Canvas,
    Checkbutton,
    Dialog,
    DoubleVar,
    Entry,
    Event,
    EventType,
    Frame,
    getdouble,
    getint,
    Grid,
    Image,
    IntVar,
    Label,
    LabelFrame,
    Listbox,
    Menu,
    Menubutton,
    Message,
    Misc,
    OptionMenu,
    Pack,
    PanedWindow,
    PhotoImage,
    Place,
    Radiobutton,
    Scale,
    Scrollbar,
    SimpleDialog,
    Spinbox,
    StringVar,
    TclError,
    Text,
    Tk,
    Toplevel,
    Variable,
    Widget,
    Wm,
    XView,
    YView
]
```

## Functions

```
[
    askfloat,
    askinteger,
    askstring,
    getboolean,
    image_names,
    image_types,
    mainloop,
]
```

```
NoDefaultRoot ,  
Tcl  
]
```

## Sentinels / Constants / Objects

```
[  
  ACTIVE ,  
  ALL ,  
  ANCHOR ,  
  ARC ,  
  BASELINE ,  
  BEVEL ,  
  BOTH ,  
  BOTTOM ,  
  BROWSE ,  
  BUTT ,  
  CASCADE ,  
  CENTER ,  
  CHAR ,  
  CHECKBUTTON ,  
  CHORD ,  
  COMMAND ,  
  CURRENT ,  
  DISABLED ,  
  DOTBOX ,  
  E ,  
  END ,  
  EW ,  
  EXCEPTION ,  
  EXTENDED ,  
  FALSE ,  
  FIRST ,  
  FLAT ,  
  GROOVE ,  
  HIDDEN ,  
  HORIZONTAL ,  
  INSERT ,  
  INSIDE ,  
  LAST ,  
  LEFT ,  
  MITER ,  
  MOVETO ,  
  MULTIPLE ,  
  N ,  
  NE ,  
  NO ,  
  NONE ,  
  NORMAL ,  
  NS ,  
  NSEW ,  
  NUMERIC ,  
  NW ,  
  OFF ,  
  ON ,  
  OUTSIDE ,  
  PAGES ,  
  PIESLICE ,  
  PROJECTING ,  
  RADIOBUTTON ,  
  RAISED ,  
  READABLE ,
```

```
RIDGE,  
RIGHT,  
ROUND,  
S,  
SCROLL,  
SE,  
SEL,  
SEL_FIRST,  
SEL_LAST,  
SEPARATOR,  
SINGLE,  
SOLID,  
SUNKEN,  
SW,  
TclVersion,  
TkVersion,  
TOP,  
TRUE,  
UNDERLINE,  
UNITS,  
VERTICAL,  
W,  
WORD,  
WRITABLE,  
X,  
Y,  
YES  
]
```

## Import statements

### # Classes

```
from tkinter.simpledialog import BaseWidget  
from tkinter.simpledialog import BitmapImage  
from tkinter.simpledialog import BooleanVar  
from tkinter.simpledialog import Button  
from tkinter.simpledialog import CallWrapper  
from tkinter.simpledialog import Canvas  
from tkinter.simpledialog import Checkbutton  
from tkinter.simpledialog import Dialog  
from tkinter.simpledialog import DoubleVar  
from tkinter.simpledialog import Entry  
from tkinter.simpledialog import Event  
from tkinter.simpledialog import EventType  
from tkinter.simpledialog import Frame  
from tkinter.simpledialog import getdouble  
from tkinter.simpledialog import getint  
from tkinter.simpledialog import Grid  
from tkinter.simpledialog import Image  
from tkinter.simpledialog import IntVar  
from tkinter.simpledialog import Label  
from tkinter.simpledialog import LabelFrame  
from tkinter.simpledialog import Listbox  
from tkinter.simpledialog import Menu  
from tkinter.simpledialog import Menubutton  
from tkinter.simpledialog import Message  
from tkinter.simpledialog import Misc  
from tkinter.simpledialog import OptionMenu  
from tkinter.simpledialog import Pack  
from tkinter.simpledialog import PanedWindow  
from tkinter.simpledialog import PhotoImage  
from tkinter.simpledialog import Place
```

```
from tkinter.simpledialog import Radiobutton
from tkinter.simpledialog import Scale
from tkinter.simpledialog import Scrollbar
from tkinter.simpledialog import SimpleDialog
from tkinter.simpledialog import Spinbox
from tkinter.simpledialog import StringVar
from tkinter.simpledialog import TclError
from tkinter.simpledialog import Text
from tkinter.simpledialog import Tk
from tkinter.simpledialog import Toplevel
from tkinter.simpledialog import Variable
from tkinter.simpledialog import Widget
from tkinter.simpledialog import Wm
from tkinter.simpledialog import XView
from tkinter.simpledialog import YView
```

### **# Functions**

```
from tkinter.simpledialog import askfloat
from tkinter.simpledialog import askinteger
from tkinter.simpledialog import askstring
from tkinter.simpledialog import getboolean
from tkinter.simpledialog import image_names
from tkinter.simpledialog import image_types
from tkinter.simpledialog import mainloop
from tkinter.simpledialog import NoDefaultRoot
from tkinter.simpledialog import Tcl
```

### **# Sentinels / Constants / Objects**

```
from tkinter.simpledialog import ACTIVE
from tkinter.simpledialog import ALL
from tkinter.simpledialog import ANCHOR
from tkinter.simpledialog import ARC
from tkinter.simpledialog import BASELINE
from tkinter.simpledialog import BEVEL
from tkinter.simpledialog import BOTH
from tkinter.simpledialog import BOTTOM
from tkinter.simpledialog import BROWSE
from tkinter.simpledialog import BUTT
from tkinter.simpledialog import CASCADE
from tkinter.simpledialog import CENTER
from tkinter.simpledialog import CHAR
from tkinter.simpledialog import CHECKBUTTON
from tkinter.simpledialog import CHORD
from tkinter.simpledialog import COMMAND
from tkinter.simpledialog import CURRENT
from tkinter.simpledialog import DISABLED
from tkinter.simpledialog import DOTBOX
from tkinter.simpledialog import E
from tkinter.simpledialog import END
from tkinter.simpledialog import EW
from tkinter.simpledialog import EXCEPTION
from tkinter.simpledialog import EXTENDED
from tkinter.simpledialog import FALSE
from tkinter.simpledialog import FIRST
from tkinter.simpledialog import FLAT
from tkinter.simpledialog import GROOVE
from tkinter.simpledialog import HIDDEN
from tkinter.simpledialog import HORIZONTAL
from tkinter.simpledialog import INSERT
from tkinter.simpledialog import INSIDE
from tkinter.simpledialog import LAST
from tkinter.simpledialog import LEFT
from tkinter.simpledialog import MITER
from tkinter.simpledialog import MOVETO
```



```
from tkinter.simpdialog import MULTIPLE
from tkinter.simpdialog import N
from tkinter.simpdialog import NE
from tkinter.simpdialog import NO
from tkinter.simpdialog import NONE
from tkinter.simpdialog import NORMAL
from tkinter.simpdialog import NS
from tkinter.simpdialog import NSEW
from tkinter.simpdialog import NUMERIC
from tkinter.simpdialog import NW
from tkinter.simpdialog import OFF
from tkinter.simpdialog import ON
from tkinter.simpdialog import OUTSIDE
from tkinter.simpdialog import PAGES
from tkinter.simpdialog import PIESLICE
from tkinter.simpdialog import PROJECTING
from tkinter.simpdialog import RADIOBUTTON
from tkinter.simpdialog import RAISED
from tkinter.simpdialog import READABLE
from tkinter.simpdialog import RIDGE
from tkinter.simpdialog import RIGHT
from tkinter.simpdialog import ROUND
from tkinter.simpdialog import S
from tkinter.simpdialog import SCROLL
from tkinter.simpdialog import SE
from tkinter.simpdialog import SEL
from tkinter.simpdialog import SEL_FIRST
from tkinter.simpdialog import SEL_LAST
from tkinter.simpdialog import SEPARATOR
from tkinter.simpdialog import SINGLE
from tkinter.simpdialog import SOLID
from tkinter.simpdialog import SUNKEN
from tkinter.simpdialog import SW
from tkinter.simpdialog import TclVersion
from tkinter.simpdialog import TkVersion
from tkinter.simpdialog import TOP
from tkinter.simpdialog import TRUE
from tkinter.simpdialog import UNDERLINE
from tkinter.simpdialog import UNITS
from tkinter.simpdialog import VERTICAL
from tkinter.simpdialog import W
from tkinter.simpdialog import WORD
from tkinter.simpdialog import WRITABLE
from tkinter.simpdialog import X
from tkinter.simpdialog import Y
from tkinter.simpdialog import YES
```

# tkinter.tix

## Classes

```
[
    Balloon,
    BaseWidget,
    BitmapImage,
    BooleanVar,
    Button,
    ButtonBox,
    CallWrapper,
    Canvas,
    Checkbutton,
    CheckList,
    CObjView,
    ComboBox,
    Control,
    DialogShell,
    DirList,
    DirSelectBox,
    DirSelectDialog,
    DirTree,
    DisplayStyle,
    DoubleVar,
    Entry,
    Event,
    EventType,
    ExFileSelectBox,
    ExFileSelectDialog,
    FileEntry,
    FileSelectBox,
    FileSelectDialog,
    Form,
    Frame,
    getdouble,
    getint,
    Grid,
    HList,
    Image,
    InputOnly,
    IntVar,
    Label,
    LabelEntry,
    LabelFrame,
    Listbox,
    ListNoteBook,
    Menu,
    Menubutton,
    Message,
    Meter,
    Misc,
    Notebook,
    NotebookFrame,
    OptionMenu,
    Pack,
    PanedWindow,
    PhotoImage,
    Place,
    PopupMenu,
    Radiobutton,
```

```
    ResizeHandle,  
    Scale,  
    Scrollbar,  
    ScrolledGrid,  
    ScrolledHList,  
    ScrolledListBox,  
    ScrolledText,  
    ScrolledTList,  
    ScrolledWindow,  
    Select,  
    Shell,  
    Spinbox,  
    StdButtonBox,  
    StringVar,  
    TclError,  
    Text,  
    tixCommand,  
    TixSubWidget,  
    TixWidget,  
    Tk,  
    TList,  
    Toplevel,  
    Tree,  
    Variable,  
    Widget,  
    Wm,  
    XView,  
    YView  
]
```

## Functions

```
[  
    FileTypeList,  
    getboolean,  
    image_names,  
    image_types,  
    mainloop,  
    NoDefaultRoot,  
    OptionName,  
    Tcl  
]
```

## Sentinels / Constants / Objects

```
[  
    ACROSSTOP,  
    ACTIVE,  
    ALL,  
    ANCHOR,  
    ARC,  
    ASCII,  
    AUTO,  
    BALLOON,  
    BASELINE,  
    BEVEL,  
    BOTH,  
    BOTTOM,  
    BROWSE,  
    BUTT,  
    CASCADE,  
    CELL,  
    CENTER,  
]
```

CHAR,  
CHECKBUTTON,  
CHORD,  
COLUMN,  
COMMAND,  
CURRENT,  
DECREASING,  
DISABLED,  
DOTBOX,  
E,  
END,  
EW,  
EXCEPTION,  
EXTENDED,  
FALSE,  
FIRST,  
FLAT,  
GROOVE,  
HIDDEN,  
HORIZONTAL,  
IMAGE,  
IMAGETEXT,  
IMMEDIATE,  
INCREASING,  
INSERT,  
INSIDE,  
INTEGER,  
LAST,  
LEFT,  
MAIN,  
MAX,  
MITER,  
MOVETO,  
MULTIPLE,  
N,  
NE,  
NO,  
NONE,  
NORMAL,  
NS,  
NSEW,  
NUMERIC,  
NW,  
OFF,  
ON,  
OUTSIDE,  
PAGES,  
PIESLICE,  
PROJECTING,  
RADIOBUTTON,  
RAISED,  
READABLE,  
REAL,  
RIDGE,  
RIGHT,  
ROUND,  
ROW,  
S,  
S\_REGION,  
SCROLL,  
SE,  
SEL,

```

SEL_FIRST,
SEL_LAST,
SEPARATOR,
SINGLE,
SOLID,
STATUS,
SUNKEN,
SW,
TCL_ALL_EVENTS,
TCL_DONT_WAIT,
TCL_FILE_EVENTS,
TCL_IDLE_EVENTS,
TCL_TIMER_EVENTS,
TCL_WINDOW_EVENTS,
TclVersion,
TEXT,
TkVersion,
TOP,
TRUE,
UNDERLINE,
UNITS,
VERTICAL,
W,
WINDOW,
WORD,
WRITABLE,
X,
X_REGION,
Y,
Y_REGION,
YES
]

```

## Import statements

### # Classes

```

from tkinter.tix import Balloon
from tkinter.tix import BaseWidget
from tkinter.tix import BitmapImage
from tkinter.tix import BooleanVar
from tkinter.tix import Button
from tkinter.tix import ButtonBox
from tkinter.tix import CallWrapper
from tkinter.tix import Canvas
from tkinter.tix import Checkbutton
from tkinter.tix import CheckList
from tkinter.tix import CObjView
from tkinter.tix import ComboBox
from tkinter.tix import Control
from tkinter.tix import DialogShell
from tkinter.tix import DirList
from tkinter.tix import DirSelectBox
from tkinter.tix import DirSelectDialog
from tkinter.tix import DirTree
from tkinter.tix import DisplayStyle
from tkinter.tix import DoubleVar
from tkinter.tix import Entry
from tkinter.tix import Event
from tkinter.tix import EventType
from tkinter.tix import ExFileSelectBox
from tkinter.tix import ExFileSelectDialog
from tkinter.tix import FileEntry

```

```
from tkinter.tix import FileSelectBox
from tkinter.tix import FileSelectDialog
from tkinter.tix import Form
from tkinter.tix import Frame
from tkinter.tix import getdouble
from tkinter.tix import getint
from tkinter.tix import Grid
from tkinter.tix import HList
from tkinter.tix import Image
from tkinter.tix import InputOnly
from tkinter.tix import IntVar
from tkinter.tix import Label
from tkinter.tix import LabelEntry
from tkinter.tix import LabelFrame
from tkinter.tix import Listbox
from tkinter.tix import ListNoteBook
from tkinter.tix import Menu
from tkinter.tix import Menubutton
from tkinter.tix import Message
from tkinter.tix import Meter
from tkinter.tix import Misc
from tkinter.tix import NoteBook
from tkinter.tix import NoteBookFrame
from tkinter.tix import OptionMenu
from tkinter.tix import Pack
from tkinter.tix import PanedWindow
from tkinter.tix import PhotoImage
from tkinter.tix import Place
from tkinter.tix import PopupMenu
from tkinter.tix import Radiobutton
from tkinter.tix import ResizeHandle
from tkinter.tix import Scale
from tkinter.tix import Scrollbar
from tkinter.tix import ScrolledGrid
from tkinter.tix import ScrolledHList
from tkinter.tix import ScrolledListBox
from tkinter.tix import ScrolledText
from tkinter.tix import ScrolledTList
from tkinter.tix import ScrolledWindow
from tkinter.tix import Select
from tkinter.tix import Shell
from tkinter.tix import Spinbox
from tkinter.tix import StdButtonBox
from tkinter.tix import StringVar
from tkinter.tix import TclError
from tkinter.tix import Text
from tkinter.tix import tixCommand
from tkinter.tix import TixSubWidget
from tkinter.tix import TixWidget
from tkinter.tix import Tk
from tkinter.tix import TList
from tkinter.tix import Toplevel
from tkinter.tix import Tree
from tkinter.tix import Variable
from tkinter.tix import Widget
from tkinter.tix import Wm
from tkinter.tix import XView
from tkinter.tix import YView
```

#### **# Functions**

```
from tkinter.tix import FileTypeList
from tkinter.tix import getboolean
from tkinter.tix import image_names
```

```
from tkinter.tix import image_types
from tkinter.tix import mainloop
from tkinter.tix import NoDefaultRoot
from tkinter.tix import OptionName
from tkinter.tix import Tcl
```

#### **# Sentinels / Constants / Objects**

```
from tkinter.tix import ACROSSTOP
from tkinter.tix import ACTIVE
from tkinter.tix import ALL
from tkinter.tix import ANCHOR
from tkinter.tix import ARC
from tkinter.tix import ASCII
from tkinter.tix import AUTO
from tkinter.tix import BALLOON
from tkinter.tix import BASELINE
from tkinter.tix import BEVEL
from tkinter.tix import BOTH
from tkinter.tix import BOTTOM
from tkinter.tix import BROWSE
from tkinter.tix import BUTT
from tkinter.tix import CASCADE
from tkinter.tix import CELL
from tkinter.tix import CENTER
from tkinter.tix import CHAR
from tkinter.tix import CHECKBUTTON
from tkinter.tix import CHORD
from tkinter.tix import COLUMN
from tkinter.tix import COMMAND
from tkinter.tix import CURRENT
from tkinter.tix import DECREASING
from tkinter.tix import DISABLED
from tkinter.tix import DOTBOX
from tkinter.tix import E
from tkinter.tix import END
from tkinter.tix import EW
from tkinter.tix import EXCEPTION
from tkinter.tix import EXTENDED
from tkinter.tix import FALSE
from tkinter.tix import FIRST
from tkinter.tix import FLAT
from tkinter.tix import GROOVE
from tkinter.tix import HIDDEN
from tkinter.tix import HORIZONTAL
from tkinter.tix import IMAGE
from tkinter.tix import IMAGETEXT
from tkinter.tix import IMMEDIATE
from tkinter.tix import INCREASING
from tkinter.tix import INSERT
from tkinter.tix import INSIDE
from tkinter.tix import INTEGER
from tkinter.tix import LAST
from tkinter.tix import LEFT
from tkinter.tix import MAIN
from tkinter.tix import MAX
from tkinter.tix import MITER
from tkinter.tix import MOVETO
from tkinter.tix import MULTIPLE
from tkinter.tix import N
from tkinter.tix import NE
from tkinter.tix import NO
from tkinter.tix import NONE
from tkinter.tix import NORMAL
```

```
from tkinter.tix import NS
from tkinter.tix import NSEW
from tkinter.tix import NUMERIC
from tkinter.tix import NW
from tkinter.tix import OFF
from tkinter.tix import ON
from tkinter.tix import OUTSIDE
from tkinter.tix import PAGES
from tkinter.tix import PIESLICE
from tkinter.tix import PROJECTING
from tkinter.tix import RADIOBUTTON
from tkinter.tix import RAISED
from tkinter.tix import READABLE
from tkinter.tix import REAL
from tkinter.tix import RIDGE
from tkinter.tix import RIGHT
from tkinter.tix import ROUND
from tkinter.tix import ROW
from tkinter.tix import S
from tkinter.tix import S_REGION
from tkinter.tix import SCROLL
from tkinter.tix import SE
from tkinter.tix import SEL
from tkinter.tix import SEL_FIRST
from tkinter.tix import SEL_LAST
from tkinter.tix import SEPARATOR
from tkinter.tix import SINGLE
from tkinter.tix import SOLID
from tkinter.tix import STATUS
from tkinter.tix import SUNKEN
from tkinter.tix import SW
from tkinter.tix import TCL_ALL_EVENTS
from tkinter.tix import TCL_DONT_WAIT
from tkinter.tix import TCL_FILE_EVENTS
from tkinter.tix import TCL_IDLE_EVENTS
from tkinter.tix import TCL_TIMER_EVENTS
from tkinter.tix import TCL_WINDOW_EVENTS
from tkinter.tix import TclVersion
from tkinter.tix import TEXT
from tkinter.tix import TkVersion
from tkinter.tix import TOP
from tkinter.tix import TRUE
from tkinter.tix import UNDERLINE
from tkinter.tix import UNITS
from tkinter.tix import VERTICAL
from tkinter.tix import W
from tkinter.tix import WINDOW
from tkinter.tix import WORD
from tkinter.tix import WRITABLE
from tkinter.tix import X
from tkinter.tix import X_REGION
from tkinter.tix import Y
from tkinter.tix import Y_REGION
from tkinter.tix import YES
```



# tkinter.ttk

## Classes

```
[
    Button,
    Checkbutton,
    Combobox,
    Entry,
    Frame,
    Label,
    LabeledScale,
    Labelframe,
    LabelFrame,
    Menubutton,
    Notebook,
    OptionMenu,
    Panedwindow,
    PanedWindow,
    Progressbar,
    Radiobutton,
    Scale,
    Scrollbar,
    Separator,
    Sizegrip,
    Spinbox,
    Style,
    Treeview
]
```

## Functions

```
[
    setup_master,
    tclobjs_to_py
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from tkinter.ttk import Button
from tkinter.ttk import Checkbutton
from tkinter.ttk import Combobox
from tkinter.ttk import Entry
from tkinter.ttk import Frame
from tkinter.ttk import Label
from tkinter.ttk import LabeledScale
from tkinter.ttk import Labelframe
from tkinter.ttk import LabelFrame
from tkinter.ttk import Menubutton
from tkinter.ttk import Notebook
from tkinter.ttk import OptionMenu
from tkinter.ttk import Panedwindow
from tkinter.ttk import PanedWindow
from tkinter.ttk import Progressbar
from tkinter.ttk import Radiobutton
from tkinter.ttk import Scale
from tkinter.ttk import Scrollbar
from tkinter.ttk import Separator
from tkinter.ttk import Sizegrip
```

```
from tkinter.ttk import Spinbox
from tkinter.ttk import Style
from tkinter.ttk import Treeview
# Functions
from tkinter.ttk import setup_master
from tkinter.ttk import tclobjs_to_py
# Sentinels / Constants / Objects
(none)
```

# unittest.async\_case

## Classes

```
[
    IsolatedAsyncioTestCase,
    TestCase
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from unittest.async_case import IsolatedAsyncioTestCase
from unittest.async_case import TestCase
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# unittest.case

## Classes

```
[
    FunctionTestCase,
    SkipTest,
    TestCase
]
```

## Functions

```
[
    addModuleCleanup,
    doModuleCleanups,
    enterModuleContext,
    expectedFailure,
    safe_repr,
    skip,
    skipIf,
    skipUnless,
    strclass
]
```

## Sentinels / Constants / Objects

```
[
    DIFF_OMITTED
]
```

## Import statements

### # Classes

```
from unittest.case import FunctionTestCase
from unittest.case import SkipTest
from unittest.case import TestCase
```

### # Functions

```
from unittest.case import addModuleCleanup
from unittest.case import doModuleCleanups
from unittest.case import enterModuleContext
from unittest.case import expectedFailure
from unittest.case import safe_repr
from unittest.case import skip
from unittest.case import skipIf
from unittest.case import skipUnless
from unittest.case import strclass
```

### # Sentinels / Constants / Objects

```
from unittest.case import DIFF_OMITTED
```

# unittest.loader

## Classes

```
[
    TestLoader
]
```

## Functions

```
[
    findTestCases,
    fnmatch,
    fnmatchcase,
    getTestCaseNames,
    makeSuite
]
```

## Sentinels / Constants / Objects

```
[
    defaultTestLoader,
    VALID_MODULE_NAME
]
```

## Import statements

### # Classes

```
from unittest.loader import TestLoader
```

### # Functions

```
from unittest.loader import findTestCases
from unittest.loader import fnmatch
from unittest.loader import fnmatchcase
from unittest.loader import getTestCaseNames
from unittest.loader import makeSuite
```

### # Sentinels / Constants / Objects

```
from unittest.loader import defaultTestLoader
from unittest.loader import VALID_MODULE_NAME
```

# unittest.main

## Classes

```
[
    main,
    TestProgram
]
```

## Functions

```
[
    installHandler
]
```

## Sentinels / Constants / Objects

```
[
    MAIN_EXAMPLES,
    MODULE_EXAMPLES
]
```

## Import statements

### # Classes

```
from unittest.main import main
from unittest.main import TestProgram
```

### # Functions

```
from unittest.main import installHandler
```

### # Sentinels / Constants / Objects

```
from unittest.main import MAIN_EXAMPLES
from unittest.main import MODULE_EXAMPLES
```

# unittest.mock

## Classes

```
[
    AsyncMock,
    MagicMock,
    Mock,
    NonCallableMagicMock,
    NonCallableMock,
    PropertyMock
]
```

## Functions

```
[
    create_autospec,
    mock_open,
    patch,
    seal
]
```

## Sentinels / Constants / Objects

```
[
    ANY,
    call,
    DEFAULT,
    FILTER_DIR,
    sentinel
]
```

## Import statements

### # Classes

```
from unittest.mock import AsyncMock
from unittest.mock import MagicMock
from unittest.mock import Mock
from unittest.mock import NonCallableMagicMock
from unittest.mock import NonCallableMock
from unittest.mock import PropertyMock
```

### # Functions

```
from unittest.mock import create_autospec
from unittest.mock import mock_open
from unittest.mock import patch
from unittest.mock import seal
```

### # Sentinels / Constants / Objects

```
from unittest.mock import ANY
from unittest.mock import call
from unittest.mock import DEFAULT
from unittest.mock import FILTER_DIR
from unittest.mock import sentinel
```

# unittest.result

## Classes

```
[
    TestResult
]
```

## Functions

```
[
    failfast,
    wraps
]
```

## Sentinels / Constants / Objects

```
[
    STDERR_LINE,
    STDOUT_LINE
]
```

## Import statements

### # Classes

```
from unittest.result import TestResult
```

### # Functions

```
from unittest.result import failfast
```

```
from unittest.result import wraps
```

### # Sentinels / Constants / Objects

```
from unittest.result import STDERR_LINE
```

```
from unittest.result import STDOUT_LINE
```



# unittest.runner

## Classes

```
[
    TextTestResult,
    TextTestRunner
]
```

## Functions

```
[
    registerResult
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from unittest.runner import TextTestResult
from unittest.runner import TextTestRunner
```

### # Functions

```
from unittest.runner import registerResult
```

### # Sentinels / Constants / Objects

```
(none)
```

# unittest.signals

## Classes

[ ]

## Functions

```
[
    installHandler,
    registerResult,
    removeHandler,
    removeResult,
    wraps
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from unittest.signals import installHandler
from unittest.signals import registerResult
from unittest.signals import removeHandler
from unittest.signals import removeResult
from unittest.signals import wraps
```

### # Sentinels / Constants / Objects

(none)

# unittest.suite

## Classes

```
[
    BaseTestSuite,
    TestSuite
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from unittest.suite import BaseTestSuite
from unittest.suite import TestSuite
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# unittest.util

## Classes

```
[
    Counter
]
```

## Functions

```
[
    commonprefix,
    namedtuple,
    safe_repr,
    sorted_list_difference,
    strclass,
    three_way_cmp,
    unorderable_list_difference
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from unittest.util import Counter
```

### # Functions

```
from unittest.util import commonprefix
from unittest.util import namedtuple
from unittest.util import safe_repr
from unittest.util import sorted_list_difference
from unittest.util import strclass
from unittest.util import three_way_cmp
from unittest.util import unorderable_list_difference
```

### # Sentinels / Constants / Objects

```
(none)
```

# urllib.error

## Classes

```
[
    ContentTooShortError,
    HTTPError,
    URLError
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from urllib.error import ContentTooShortError
from urllib.error import HTTPError
from urllib.error import URLError
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# urllib.parse

## Classes

```
[
    DefragResult,
    DefragResultBytes,
    ParseResult,
    ParseResultBytes,
    SplitResult,
    SplitResultBytes
]
```

## Functions

```
[
    parse_qs,
    parse_qsl,
    quote,
    quote_from_bytes,
    quote_plus,
    unquote,
    unquote_plus,
    unquote_to_bytes,
    urldefrag,
    urlencode,
    urljoin,
    urlparse,
    urlunparse,
    urlunsplit
]
```

## Sentinels / Constants / Objects

```
[
    urlsplit
]
```

## Import statements

### # Classes

```
from urllib.parse import DefragResult
from urllib.parse import DefragResultBytes
from urllib.parse import ParseResult
from urllib.parse import ParseResultBytes
from urllib.parse import SplitResult
from urllib.parse import SplitResultBytes
```

### # Functions

```
from urllib.parse import parse_qs
from urllib.parse import parse_qsl
from urllib.parse import quote
from urllib.parse import quote_from_bytes
from urllib.parse import quote_plus
from urllib.parse import unquote
from urllib.parse import unquote_plus
from urllib.parse import unquote_to_bytes
from urllib.parse import urldefrag
from urllib.parse import urlencode
from urllib.parse import urljoin
from urllib.parse import urlparse
from urllib.parse import urlunparse
from urllib.parse import urlunsplit
```

### # Sentinels / Constants / Objects

```
from urllib.parse import urlsplit
```



# urllib.request

## Classes

```
[
    AbstractBasicAuthHandler,
    AbstractDigestAuthHandler,
    BaseHandler,
    CacheFTPHandler,
    DataHandler,
    FancyURLopener,
    FileHandler,
    FTPHandler,
    HTTPBasicAuthHandler,
    HTTPCookieProcessor,
    HTTPDefaultErrorHandler,
    HTTPDigestAuthHandler,
    HTTPErrorProcessor,
    HTTPHandler,
    HTTPPasswordMgr,
    HTTPPasswordMgrWithDefaultRealm,
    HTTPPasswordMgrWithPriorAuth,
    HTTPRedirectHandler,
    HTTPSHandler,
    OpenerDirector,
    ProxyBasicAuthHandler,
    ProxyDigestAuthHandler,
    ProxyHandler,
    Request,
    UnknownHandler,
    URLopener
]
```

## Functions

```
[
    build_opener,
    getproxies,
    install_opener,
    pathname2url,
    url2pathname,
    urlcleanup,
    urlopen,
    urlretrieve
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from urllib.request import AbstractBasicAuthHandler
from urllib.request import AbstractDigestAuthHandler
from urllib.request import BaseHandler
from urllib.request import CacheFTPHandler
from urllib.request import DataHandler
from urllib.request import FancyURLopener
from urllib.request import FileHandler
from urllib.request import FTPHandler
from urllib.request import HTTPBasicAuthHandler
from urllib.request import HTTPCookieProcessor
from urllib.request import HTTPDefaultErrorHandler
```



```
from urllib.request import HTTPDigestAuthHandler
from urllib.request import HTTPErrorProcessor
from urllib.request import HTTPHandler
from urllib.request import HTTPPasswordMgr
from urllib.request import HTTPPasswordMgrWithDefaultRealm
from urllib.request import HTTPPasswordMgrWithPriorAuth
from urllib.request import HTTPRedirectHandler
from urllib.request import HTTPSHandler
from urllib.request import OpenerDirector
from urllib.request import ProxyBasicAuthHandler
from urllib.request import ProxyDigestAuthHandler
from urllib.request import ProxyHandler
from urllib.request import Request
from urllib.request import UnknownHandler
from urllib.request import URLopener
```

#### **# Functions**

```
from urllib.request import build_opener
from urllib.request import getproxies
from urllib.request import install_opener
from urllib.request import pathname2url
from urllib.request import url2pathname
from urllib.request import urlcleanup
from urllib.request import urlopen
from urllib.request import urlretrieve
```

#### **# Sentinels / Constants / Objects**

```
(none)
```

# urllib.response

## Classes

```
[
    addbase,
    addclosehook,
    addinfo,
    addinfourl
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from urllib.response import addbase
from urllib.response import addclosehook
from urllib.response import addinfo
from urllib.response import addinfourl
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# urllib.robotparser

## Classes

```
[  
    RobotFileParser  
]
```

## Functions

```
[]
```

## Sentinels / Constants / Objects

```
[]
```

## Import statements

### # Classes

```
from urllib.robotparser import RobotFileParser
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
(none)
```

# wsgiref.handlers

## Classes

```
[
    BaseCGIHandler,
    BaseHandler,
    CGIHandler,
    IISCGIHandler,
    SimpleHandler
]
```

## Functions

```
[
    read_environ
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from wsgiref.handlers import BaseCGIHandler
from wsgiref.handlers import BaseHandler
from wsgiref.handlers import CGIHandler
from wsgiref.handlers import IISCGIHandler
from wsgiref.handlers import SimpleHandler
```

### # Functions

```
from wsgiref.handlers import read_environ
```

### # Sentinels / Constants / Objects

```
(none)
```

# wsgiref.headers

## Classes

```
[
    Headers
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[
    tspecials
]
```

## Import statements

### # Classes

```
from wsgiref.headers import Headers
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
from wsgiref.headers import tspecials
```

# wsgiref.simple\_server

## Classes

```
[
    WSGIRequestHandler,
    WSGIServer
]
```

## Functions

```
[
    demo_app,
    make_server
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from wsgiref.simple_server import WSGIRequestHandler
from wsgiref.simple_server import WSGIServer
```

### # Functions

```
from wsgiref.simple_server import demo_app
from wsgiref.simple_server import make_server
```

### # Sentinels / Constants / Objects

```
(none)
```

# wsgiref.types

## Classes

```
[
    ErrorStream,
    FileWrapper,
    InputStream,
    StartResponse
]
```

## Functions

```
[ ]
```

## Sentinels / Constants / Objects

```
[
    WSGIApplication,
    WSGIEnvironment
]
```

## Import statements

### # Classes

```
from wsgiref.types import ErrorStream
from wsgiref.types import FileWrapper
from wsgiref.types import InputStream
from wsgiref.types import StartResponse
```

### # Functions

```
(none)
```

### # Sentinels / Constants / Objects

```
from wsgiref.types import WSGIApplication
from wsgiref.types import WSGIEnvironment
```

# wsgiref.util

## Classes

```
[
    FileWrapper
]
```

## Functions

```
[
    application_uri,
    guess_scheme,
    request_uri,
    setup_testing_defaults,
    shift_path_info
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from wsgiref.util import FileWrapper
```

### # Functions

```
from wsgiref.util import application_uri
from wsgiref.util import guess_scheme
from wsgiref.util import request_uri
from wsgiref.util import setup_testing_defaults
from wsgiref.util import shift_path_info
```

### # Sentinels / Constants / Objects

```
(none)
```



# wsgiref.validate

## Classes

[ ]

## Functions

```
[  
    validator  
]
```

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

```
from wsgiref.validate import validator
```

### # Sentinels / Constants / Objects

(none)

# xml.dom

## Classes

```
[
    DOMException,
    DomstringSizeErr,
    HierarchyRequestErr,
    IndexSizeErr,
    InuseAttributeErr,
    InvalidAccessErr,
    InvalidCharacterErr,
    InvalidModificationErr,
    InvalidStateErr,
    NamespaceErr,
    NoDataAllowedErr,
    Node,
    NoModificationAllowedErr,
    NotFoundErr,
    NotSupportedErr,
    SyntaxErr,
    UserDataHandler,
    ValidationErr,
    WrongDocumentErr
]
```

## Functions

```
[
    getDOMImplementation,
    registerDOMImplementation
]
```

## Sentinels / Constants / Objects

```
[
    DOMSTRING_SIZE_ERR,
    EMPTY_NAMESPACE,
    EMPTY_PREFIX,
    HIERARCHY_REQUEST_ERR,
    INDEX_SIZE_ERR,
    INUSE_ATTRIBUTE_ERR,
    INVALID_ACCESS_ERR,
    INVALID_CHARACTER_ERR,
    INVALID_MODIFICATION_ERR,
    INVALID_STATE_ERR,
    NAMESPACE_ERR,
    NO_DATA_ALLOWED_ERR,
    NO_MODIFICATION_ALLOWED_ERR,
    NOT_FOUND_ERR,
    NOT_SUPPORTED_ERR,
    SYNTAX_ERR,
    VALIDATION_ERR,
    WRONG_DOCUMENT_ERR,
    XHTML_NAMESPACE,
    XML_NAMESPACE,
    XMLNS_NAMESPACE
]
```

## Import statements

### # Classes

```
from xml.dom import DOMException
from xml.dom import DomstringSizeErr
```

```
from xml.dom import HierarchyRequestErr
from xml.dom import IndexSizeErr
from xml.dom import InuseAttributeErr
from xml.dom import InvalidAccessErr
from xml.dom import InvalidCharacterErr
from xml.dom import InvalidModificationErr
from xml.dom import InvalidStateErr
from xml.dom import NamespaceErr
from xml.dom import NoDataAllowedErr
from xml.dom import Node
from xml.dom import NoModificationAllowedErr
from xml.dom import NotFoundErr
from xml.dom import NotSupportedErr
from xml.dom import SyntaxErr
from xml.dom import UserDataHandler
from xml.dom import ValidationErr
from xml.dom import WrongDocumentErr
```

### **# Functions**

```
from xml.dom import getDOMImplementation
from xml.dom import registerDOMImplementation
```

### **# Sentinels / Constants / Objects**

```
from xml.dom import DOMSTRING_SIZE_ERR
from xml.dom import EMPTY_NAMESPACE
from xml.dom import EMPTY_PREFIX
from xml.dom import HIERARCHY_REQUEST_ERR
from xml.dom import INDEX_SIZE_ERR
from xml.dom import INUSE_ATTRIBUTE_ERR
from xml.dom import INVALID_ACCESS_ERR
from xml.dom import INVALID_CHARACTER_ERR
from xml.dom import INVALID_MODIFICATION_ERR
from xml.dom import INVALID_STATE_ERR
from xml.dom import NAMESPACE_ERR
from xml.dom import NO_DATA_ALLOWED_ERR
from xml.dom import NO_MODIFICATION_ALLOWED_ERR
from xml.dom import NOT_FOUND_ERR
from xml.dom import NOT_SUPPORTED_ERR
from xml.dom import SYNTAX_ERR
from xml.dom import VALIDATION_ERR
from xml.dom import WRONG_DOCUMENT_ERR
from xml.dom import XHTML_NAMESPACE
from xml.dom import XML_NAMESPACE
from xml.dom import XMLNS_NAMESPACE
```

# xml.etree

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# xml.parsers

## Classes

[ ]

## Functions

[ ]

## Sentinels / Constants / Objects

[ ]

## Import statements

### # Classes

(none)

### # Functions

(none)

### # Sentinels / Constants / Objects

(none)

# xml.sax

## Classes

```
[
    ContentHandler,
    ErrorHandler,
    InputSource,
    SAXException,
    SAXNotRecognizedException,
    SAXNotSupportedException,
    SAXParseException,
    SAXReaderNotAvailable
]
```

## Functions

```
[
    make_parser,
    parse,
    parseString
]
```

## Sentinels / Constants / Objects

```
[
    default_parser_list
]
```

## Import statements

### # Classes

```
from xml.sax import ContentHandler
from xml.sax import ErrorHandler
from xml.sax import InputSource
from xml.sax import SAXException
from xml.sax import SAXNotRecognizedException
from xml.sax import SAXNotSupportedException
from xml.sax import SAXParseException
from xml.sax import SAXReaderNotAvailable
```

### # Functions

```
from xml.sax import make_parser
from xml.sax import parse
from xml.sax import parseString
```

### # Sentinels / Constants / Objects

```
from xml.sax import default_parser_list
```

# xmlrpc.client

## Classes

```
[
    Binary,
    Boolean,
    boolean,
    BytesIO,
    DateTime,
    datetime,
    Decimal,
    Error,
    ExpatParser,
    Fault,
    GzipDecodedResponse,
    Marshaller,
    MultiCall,
    MultiCallIterator,
    ProtocolError,
    ResponseError,
    SafeTransport,
    Server,
    ServerProxy,
    Transport,
    Unmarshaller
]
```

## Functions

```
[
    dumps,
    escape,
    getparser,
    gzip_decode,
    gzip_encode,
    loads
]
```

## Sentinels / Constants / Objects

```
[
    APPLICATION_ERROR,
    FastMarshaller,
    FastParser,
    FastUnmarshaller,
    INTERNAL_ERROR,
    INVALID_ENCODING_CHAR,
    INVALID_METHOD_PARAMS,
    INVALID_XMLRPC,
    MAXINT,
    METHOD_NOT_FOUND,
    MININT,
    NOT_WELLFORMED_ERROR,
    PARSE_ERROR,
    SERVER_ERROR,
    SYSTEM_ERROR,
    TRANSPORT_ERROR,
    UNSUPPORTED_ENCODING,
    WRAPPERS
]
```

## Import statements

## # Classes

```
from xmlrpc.client import Binary
from xmlrpc.client import Boolean
from xmlrpc.client import boolean
from xmlrpc.client import BytesIO
from xmlrpc.client import DateTime
from xmlrpc.client import datetime
from xmlrpc.client import Decimal
from xmlrpc.client import Error
from xmlrpc.client import ExpatParser
from xmlrpc.client import Fault
from xmlrpc.client import GzipDecodedResponse
from xmlrpc.client import Marshaller
from xmlrpc.client import MultiCall
from xmlrpc.client import MultiCallIterator
from xmlrpc.client import ProtocolError
from xmlrpc.client import ResponseError
from xmlrpc.client import SafeTransport
from xmlrpc.client import Server
from xmlrpc.client import ServerProxy
from xmlrpc.client import Transport
from xmlrpc.client import Unmarshaller
```

## # Functions

```
from xmlrpc.client import dumps
from xmlrpc.client import escape
from xmlrpc.client import getparser
from xmlrpc.client import gzip_decode
from xmlrpc.client import gzip_encode
from xmlrpc.client import loads
```

## # Sentinels / Constants / Objects

```
from xmlrpc.client import APPLICATION_ERROR
from xmlrpc.client import FastMarshaller
from xmlrpc.client import FastParser
from xmlrpc.client import FastUnmarshaller
from xmlrpc.client import INTERNAL_ERROR
from xmlrpc.client import INVALID_ENCODING_CHAR
from xmlrpc.client import INVALID_METHOD_PARAMS
from xmlrpc.client import INVALID_XMLRPC
from xmlrpc.client import MAXINT
from xmlrpc.client import METHOD_NOT_FOUND
from xmlrpc.client import MININT
from xmlrpc.client import NOT_WELLFORMED_ERROR
from xmlrpc.client import PARSE_ERROR
from xmlrpc.client import SERVER_ERROR
from xmlrpc.client import SYSTEM_ERROR
from xmlrpc.client import TRANSPORT_ERROR
from xmlrpc.client import UNSUPPORTED_ENCODING
from xmlrpc.client import WRAPPERS
```



# xmlrpc.server

## Classes

```
[
    BaseHTTPRequestHandler,
    CGIXMLRPCRequestHandler,
    DocCGIXMLRPCRequestHandler,
    DocXMLRPCRequestHandler,
    DocXMLRPCServer,
    Fault,
    MultiPathXMLRPCServer,
    partial,
    ServerHTMLDoc,
    SimpleXMLRPCDispatcher,
    SimpleXMLRPCRequestHandler,
    SimpleXMLRPCServer,
    XMLRPCDocGenerator
]
```

## Functions

```
[
    dumps,
    gzip_decode,
    gzip_encode,
    list_public_methods,
    loads,
    resolve_dotted_attribute,
    signature
]
```

## Sentinels / Constants / Objects

```
[ ]
```

## Import statements

### # Classes

```
from xmlrpc.server import BaseHTTPRequestHandler
from xmlrpc.server import CGIXMLRPCRequestHandler
from xmlrpc.server import DocCGIXMLRPCRequestHandler
from xmlrpc.server import DocXMLRPCRequestHandler
from xmlrpc.server import DocXMLRPCServer
from xmlrpc.server import Fault
from xmlrpc.server import MultiPathXMLRPCServer
from xmlrpc.server import partial
from xmlrpc.server import ServerHTMLDoc
from xmlrpc.server import SimpleXMLRPCDispatcher
from xmlrpc.server import SimpleXMLRPCRequestHandler
from xmlrpc.server import SimpleXMLRPCServer
from xmlrpc.server import XMLRPCDocGenerator
```

### # Functions

```
from xmlrpc.server import dumps
from xmlrpc.server import gzip_decode
from xmlrpc.server import gzip_encode
from xmlrpc.server import list_public_methods
from xmlrpc.server import loads
from xmlrpc.server import resolve_dotted_attribute
from xmlrpc.server import signature
```

### # Sentinels / Constants / Objects

```
(none)
```

## Modules that failed to import

### **asyncio.windows\_events**

ImportError('win32 only')

### **asyncio.windows\_utils**

ImportError('win32 only')

### **dbm.gnu**

ImportError("No module named '\_gdbm', please install the python3-gdbm package")

### **encodings.mbcs**

ImportError("cannot import name 'mbcs\_encode' from 'codecs' (/usr/lib/python3.12/codecs.py)")

### **encodings.oem**

ImportError("cannot import name 'oem\_encode' from 'codecs' (/usr/lib/python3.12/codecs.py)")

### **multiprocessing.popen\_spawn\_win32**

ModuleNotFoundError("No module named 'msvcrt'")