

| Python sys Variables | |
|-----------------------|------------------------|
| argv | Command line args |
| builtin_module_names | Linked C modules |
| byteorder | Native byte order |
| check_interval | Signal check frequency |
| exec_prefix | Root directory |
| executable | Name of executable |
| exitfunc | Exit function name |
| modules | Loaded modules |
| path | Search path |
| platform | Current platform |
| stdin, stdout, stderr | File objects for I/O |
| version_info | Python version info |
| winver | Version number |

| Python sys.argv | |
|--|--------|
| sys.argv[0] | foo.py |
| sys.argv[1] | bar |
| sys.argv[2] | -c |
| sys.argv[3] | qux |
| sys.argv[4] | --h |
| sys.argv for the command: \$ python foo.py bar -c qux --h | |

| Python os Variables | |
|--|---------------------|
| altsep | Alternative sep |
| curdir | Current dir string |
| defpath | Default search path |
| devnull | Path of null device |
| extsep | Extension separator |
| linesep | Line separator |
| name | Name of OS |
| pardir | Parent dir string |
| pathsep | Path separator |
| sep | Path separator |
| Registered OS names: "posix", "nt", "mac", "os2", "ce", "java", "riscos" | |

| Python Class Special Methods | |
|-------------------------------|---------------------|
| __new__(cls) | __lt__(self, other) |
| __init__(self, args) | __le__(self, other) |
| __del__(self) | __gt__(self, other) |
| __repr__(self) | __ge__(self, other) |
| __str__(self) | __eq__(self, other) |
| __cmp__(self, other) | __ne__(self, other) |
| __index__(self) | __nonzero__(self) |
| __hash__(self) | |
| __getattr__(self, name) | |
| __getattribute__(self, name) | |
| __setattr__(self, name, attr) | |

| Python List Methods | |
|------------------------|---------------|
| append(item) | pop(position) |
| count(item) | remove(item) |
| extend(list) | reverse() |
| index(item) | sort() |
| insert(position, item) | |

| Python String Methods | |
|--|-------------------------|
| capitalize() * | rstrip() |
| center(width) | partition(sep) |
| count(sub, start, end) | replace(old, new) |
| decode() | rfind(sub, start, end) |
| encode() | rindex(sub, start, end) |
| endswith(sub) | rjust(width) |
| expandtabs() | rpartition(sep) |
| find(sub, start, end) | rsplit(sep) |
| index(sub, start, end) | rstrip() |
| isalnum() * | split(sep) |
| isalpha() * | splittlines() |
| isdigit() * | startswith(sub) |
| islower() * | strip() |
| isspace() * | swapcase() * |
| istitle() * | title() * |
| isupper() * | translate(table) |
| join() | upper() * |
| ljust(width) | zfill(width) |
| lower() * | |
| Methods marked * are locale dependant for 8-bit strings. | |

| Python File Methods | |
|---------------------|------------------|
| close() | readlines(size) |
| flush() | seek(offset) |
| fileno() | tell() |
| isatty() | truncate(size) |
| next() | write(string) |
| read(size) | writelines(list) |
| readline(size) | |

| Python Indexes and Slices | |
|---------------------------|-------------|
| len(a) | 6 |
| a[0] | 0 |
| a[5] | 5 |
| a[-1] | 5 |
| a[-2] | 4 |
| a[1:] | [1,2,3,4,5] |
| a[:5] | [0,1,2,3,4] |
| a[:-2] | [0,1,2,3] |
| a[1:3] | [1,2] |
| a[1:-1] | [1,2,3,4] |

| Python Datetime Methods | |
|-----------------------------|------------------------|
| today() | fromordinal(ordinal) |
| now(timezoneinfo) | combine(date, time) |
| utcnow() | strptime(date, format) |
| fromtimestamp(timestamp) | |
| utcfromtimestamp(timestamp) | |

| Python Time Methods | |
|---------------------|-------------|
| replace() | utcoffset() |
| isoformat() | dst() |
| __str__() | tzname() |
| strftime(format) | |

| Python Date Formatting | |
|------------------------|-------------------------------------|
| %a | Abbreviated weekday (Sun) |
| %A | Weekday (Sunday) |
| %b | Abbreviated month name (Jan) |
| %B | Month name (January) |
| %c | Date and time |
| %d | Day (leading zeros) (01 to 31) |
| %H | 24 hour (leading zeros) (00 to 23) |
| %I | 12 hour (leading zeros) (01 to 12) |
| %j | Day of year (001 to 366) |
| %m | Month (01 to 12) |
| %M | Minute (00 to 59) |
| %p | AM or PM |
| %S | Second (00 to 61 ⁴) |
| %U | Week number ¹ (00 to 53) |
| %w | Weekday ² (0 to 6) |
| %W | Week number ³ (00 to 53) |
| %x | Date |
| %X | Time |
| %y | Year without century (00 to 99) |
| %Y | Year (2008) |
| %Z | Time zone (GMT) |
| %% | A literal "%" character (%) |

¹ Sunday as start of week. All days in a new year preceding the first Sunday are considered to be in week 0.

² 0 is Sunday, 6 is Saturday.

³ Monday as start of week. All days in a new year preceding the first Monday are considered to be in week 0.

⁴ This is not a mistake. Range takes account of leap and double-leap seconds.

`__delattr__(self, name)`

`__call__(self, args, kwargs)`

Cheatographer



Dave Child (DaveChild)
cheatography.com/davechild/
www.addedbytes.com

`b=a[:]` Shallow copy of a

Indexes and Slices of a=[0,1,2,3,4,5]

Cheat Sheet

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