

List Methods	os lib Variables (cont)	Class Special Methods	String Methods (cont)
append(item)	sep Path separator	__new__(cls)	endswith(sub)
count(item)	Registered OS names: "posix", "nt", "mac", "os2", "ce", "java", "riscos"	__init__(self, args)	expandtabs()
extend(list)		__del__(self)	find(sub, start, end)
index(item)		__repr__(self)	isalnum()*
insert(position, item)	Operations on Dicts	__str__(self)	isalpha()*
pop(position)	d.update(d2)	__cmp__(self, other)	isdigit()*
remove(item)	d.keys()	__index__(self)	islower()*
reverse()	d.values()	__hash__(self)	isspace()*
sort()	d.items()	__getattr__(self, name)	istitle()*
	d.pop(key[,default])	__setattr__(self, name, attr)	isupper()*
List Slices and Indexes	d.popitem()	__lt__(self, other)	join()
len(a) 6	d.get(key[,default])	__le__(self, other)	ljust(width)
a[0] 0	d.setdefault(key[,default])	__gt__(self, other)	lower()*
a[5] 5	d.clear()	__ge__(self, other)	lstrip()
a[-1] 5	del d[key]	__eq__(self, other)	partition(sep)
a[-2] 4	d[key] = value	__ne__(self, other)	replace(old, new)
a[1:] [1,2,3,4,5]	Datetime Methods	__nonzero__(self)	rfind(sub, start, end)
a[:5] [0,1,2,3,4]	today()	__delattr__(self, name)	rindex(sub, start, end)
a[:-2] [0,1,2,3]	now(timezoneinfo)	__call__(self, args, kwargs)	rjust(width)
a[1:3] [1,2]	utcnow()	Operations on Sets	rpartition(sep)
a[1:-1] [1,2,3,4]	fromtimestamp(timestamp)	union	rsplit(sep)
b=a[:] Shallow copy of a	utcfromtimestamp(timestamp)	& intersection	rstrip()
Indexes and Slices of a.	fromordinal(ordinal)	- ^ différence/symmetric diff	split(sep)
a=[0,1,2,3,4,5]	combine(date, time)	< <= > >= inclusion relations	splitlines()
os lib Variables	strptime(date, format)	s.upda- s.add(key)	startswith(sub)
altsep Alternative sep	Time Methods	te(s2)	strip()
curdir Current dir string	replace()	s.copy() s.discard(key)	swapcase()*
defpath Default search path	isoformat()	s.pop() s.clear()	title()*
devnull Path of null device	__str__()		translate(table)
extsep Extension separator	strtime(format)	String Methods	upper()*
linesep Line separator	utcoffset()	capitalize()*	zfill(width)
name Name of OS	dst()	center(width)	Methods marked * are locale dependant for 8-bit strings.
pardir Parent dir string	tzname()	countr(sub, start, end)	
pathsep Patch separator		decode()	
		encode()	



File Methods

close()
flush()
fileno()
isatty()
next()
read(size)
readline(size)
readlines(size)
seek(offset)
tell()
truncate(size)
write(string)
writelines(list)

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 61⁴)
%U Week number¹ (00 to 53)
%w Weekday² (0 to 6)
%W Week number³ (00 to 53)
%x Date
%X Time

Date Formatting (cont)

%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.

sys lib Variables and sys.args

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

sys lib Variables and sys.args (cont)

version_info Python version info
winver Version number
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