inspect — Inspect live objects

Type	Attribute	Description
module	__doc__	documentation string
	__file__	filename (missing for built-in modules)
class	__doc__	documentation string
	__name__	name with which this class was defined
	__qualname__	qualified name
	__module__	name of module in which this class was defined
method	__doc__	documentation string
	__name__	name with which this method was defined
	__qualname__	qualified name
	__func__	function object containing implementation of method
	__self__	instance to which this method is bound, or None
	__module__	name of module in which this method was defined
function	__doc__	documentation string
	__name__	name with which this function was defined
	__qualname__	qualified name
	__code__	code object containing compiled function bytecode
	__defaults__	tuple of any default values for positional or keyword parameters

	__kwdefaults__	mapping of any default values for keyword-only parameters
	__globals__	global namespace in which this function was defined
	__annotations__	mapping of parameters names to annotations; "return" key is reserved for return annotations.
	__module__	name of module in which this function was defined
traceback	tb_frame	frame object at this level
	tb_lasti	index of last attempted instruction in bytecode
	tb_lineno	current line number in Python source code
	tb_next	next inner traceback object (called by this level)
frame	f_back	next outer frame object (this frame’s caller)
	f_builtins	builtins namespace seen by this frame
	f_code	code object being executed in this frame
	f_globals	global namespace seen by this frame
	f_lasti	index of last attempted instruction in bytecode
	f_lineno	current line number in Python source code

	f_locals	local namespace seen by this frame
	f_trace	tracing function for this frame, or None
code	co_argcount	number of arguments (not including keyword only arguments, * or ** args)
	co_code	string of raw compiled bytecode
	co_cellvars	tuple of names of cell variables (referenced by containing scopes)
	co_consts	tuple of constants used in the bytecode
	co_filename	name of file in which this code object was created
	co_firstlineno	number of first line in Python source code
	co_flags	bitmap of CO_* flags, read more here
	co_lnotab	encoded mapping of line numbers to bytecode indices
	co_freevars	tuple of names of free variables (referenced via a function’s closure)
	co_posonlyargcount	number of positional only arguments
	co_kwonlyargcount	number of keyword only arguments (not including ** arg)

	co_name	name with which this code object was defined
	co_names	tuple of names of local variables
	co_nlocals	number of local variables
	co_stacksize	virtual machine stack space required
	co_varnames	tuple of names of arguments and local variables
generator	__name__	name
	__qualname__	qualified name
	gi_frame	frame
	gi_running	is the generator running?
	gi_code	code
	gi_yieldfrom	object being iterated by yield from, or None
coroutine	__name__	name
	__qualname__	qualified name
	cr_await	object being awaited on, or None
	cr_frame	frame
	cr_running	is the coroutine running?
	cr_code	code
	cr_origin	where coroutine was created, or None. See sys.set_coroutine_origin_tracking_depth()
builtin	__doc__	documentation string
	__name__	original name of this function or method
	__qualname__	qualified name
	__self__	instance to which a method is bound, or None