

Pdb Commands

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Startup and Help

<code>python -m pdb <name>.py [args]</code>	begin the debugger
<code>help [command]</code>	view a list of commands, or view help for a specific command
within a python file:	
<code>import pdb</code>	
<code>...</code>	
<code>pdb.set_trace()</code>	begin the debugger at this line when the file is run normally

Navigating Code (within the Pdb interpreter)

<code>l(list)</code>	list 11 lines surrounding the current line
<code>w(here)</code>	display the file and line number of the current line
<code>n(ext)</code>	execute the current line
<code>s(tep)</code>	step into functions called at the current line
<code>r(eturn)</code>	execute until the current function's return is encountered

Controlling Execution

<code>b [#]</code>	create a breakpoint at line [#]
<code>b</code>	list breakpoints and their indices
<code>c(ontinue)</code>	execute until a breakpoint is encountered
<code>clear [#]</code>	clear breakpoint of index [#]

Changing Variables / Interacting with Code

<code>p <name></code>	print value of the variable <name>
<code>!<expr></code>	execute the expression <expr>
<code>run [args]</code>	NOTE: this acts just like a python interpreter restart the debugger with sys.argv arguments [args]
<code>q(uit)</code>	exit the debugger