Cheatography

Python Debugging Cheat Sheet

by outcome via cheatography.com/86693/cs/20126/

Python 3.7

`breakp oint()`	Start debugger inside a Python script
`PYTHON BRE AKP OINT=0`	Env Var: Set to skip all breakp-oints
`PYTHON BRE AKP OIN T=i pdb.se t _trace`	Env Var: breakp-oint which debugger to use

Getting Started

`import pdb;pd b.s et_ trace( )`	Start pdb inside a python script
`python -m pdb <fi le.p y>`	Start pdb from the command line
`import ipdb;i pdb.se t_t rac e()`	Start ipdb inside a python script

Help or Exit

`h(elp)`	show help
`q(uit)` or `ctrl+d`	quit debugging

Manual Breakpoints

`b(reak)`	show all breakp-oints
`b(reak) line_no`	set a breakpoint at a line
`b(reak) line_no, condition`	set a breakpoint at a line, if condition is met

Stepping

`n(next)`	step over
`s(tep)`	step into
`r(eturn)`	continue until current function returns
`c(ontinue)`	continue until next breakpoint
`j(ump) line_no`	next line to be executed (useful for breaking out of loops)

Frame Navigation

`u(p)`	up one level in the stack trace
`d(own)`	down one level in the stack trace

Display

`p(rint) expr`	print the value of expr
`pp expr`	pretty print the value of expr
`w(here)`	print the current position and stack trace
`l(ist)`	print the lines of code around the current line
`a(rgs)`	print args of the current function

credits

original sheet from: github.com/Kapeli/cheatsheets

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