

# Perl Debugger Quick Reference

## Actions

	Create	Delete
Action	a [line] command [condition]	A (line *)
Breakpoint	b [line [condition]] B (line *) compile subname   [postpone] subname [condition] load filename	
Watch	w [expr]	W (expr *)
List	L [a b w]	

## Pre-Post Prompt Commands

	Create	Append	Delete
Pre-perl	< [expr ?]	<< expr	< *
Post-perl	> [expr ?]	>> expr	> *
Pre-debugger	{ [expr ?]	{ { expr	{ *

## Motion

Continue	c [line sub]
Next	n [expr]
Return	r
Step (into)	s [expr]
Trace	T
Trace toggle	t [expr]

## Code Listings

View filename	f filename
List code	l [min+incr min-max line subname \$var]
View code	v [line]
Repos. display	.
List above	-
Search forward	/regex[/]
Search back	?regex[?]

Excerpted from  
*Perl DeBugger Pocket Reference*

**O'REILLY**  
www.oreilly.com



# Perl Debugger Quick Reference

## Examining Data

Print	p expr
Methods	m (expr class)
Inheritance	i class
Module versions	M
Subroutines	S [[!] ~pattern]
Vars	V [pkg [vars]]
Dump	x [maxdepth] expr
Vars curr pkg	X [vars]
Vars lexical	y [level [vars]]

## Commands

Pager	dbcmd [args]
Shell command	!! cmd
Eval	any perl command
Save filename	save filename
Run filename	source filename
Restart	R
Alias	= [alias value]
History list	H [-number]
History redo	! [[-]number]   [pattern]

## Documentation

Help	h [cmd]   h h
Manual pages	man manpage   perldoc
Quit	q

## Options

Options	[opt opt? opt=val opt="val"]
---------	------------------------------

## Hints You Might Find Useful

Trace program sending all output into filename:  
export PERLDB\_OPTS="NonStop AutoTrace LineInfo=filename"  
perl -d program [args]

Debug a regular expression  
perl -Dr -e '/^[w\_~]+@\w+(\w+)+\$/'

Enter the debugger as a shell  
perl -d -e 0

**O'REILLY**  
www.oreilly.com