Cheatography

Ocaml debugger Cheat Sheet

by tacinight via cheatography.com/70911/cs/18183/

Running the program

run	Execute the program forward from current time.
reverse	Execute the program backward from current time.
step [count]	Run the program and stop at the next event.
backstep [count]	Run the program backward and stop at the previous event.
next [count]	Run the program and stop at the next event, skipping over function calls.
previous [count]	Run the program backward and stop at the previous event, skipping over function calls.
finish	Run the program until the current function returns.
start	Run the program backward and stop at the first event before the current function invocation.
kill	Kill the program being executed.

The call stack

frame	Describe the currently selected stack frame.
frame frame-number	Select a stack frame by number and describe it.
up [count]	Select and display the stack frame just “above” the selected frame
down [count]	Select and display the stack frame just “below” the selected frame
backtrace [count]	Print the call stack.

Breakpoints

break	Set a breakpoint at the current position in the program execution.
break function	Set a breakpoint at the beginning of function.
break @ [module] line column	Set a breakpoint in module module
break @ [module] # character	Set a breakpoint in module module at the event closest to character number character.
break address	Set a breakpoint at the code address address.
delete [numbers]	Delete the specified breakpoints.
info breakpoints	Print the list of all breakpoints.

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Miscellaneous commands	
list [module] [beginning] [end]	List the source of module module, from line number beginning to line number end.
source filename	Read debugger commands from the script filename.
cd directory	Set the working directory for ocamldebug to directory.
pwd	Print the working directory for ocamldebug.
directory directorynames	Add the given directories to the search path.
set arguments arg1 arg2	
set variable value	Set the debugger variable variable to the value value.
show variable	Print the value of the debugger variable variable.
info subject	Give information about the given subject. For instance, info breakpoints will print the list of all breakpoints.

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