Subject: Tip/feature request: Pause running program
Posted by steffen on Thu, 09 Aug 2012 05:31:25 GMT
View Forum Message <> Reply to Message

Hi,
This tip works when debugging with TheIde using GDB on Ubuntu.

When I'm debugging Upp programs, I often find myself wanting to add a new breakpoint to see some state somewhere in my code.
Until now I have always stopped program, set a breakpoint and restart program. I always missed the possibility to add breakpoints on the fly during execution, I can add them with F9, but GDB wont recognize it until it has stopped execution.
Also sometimes I miss a pause button to see whatever loop/deadlock causes my program to hang.

Solution:
From a terminal simply run:
kill -INT <process id>
Where the process id is the program being debugged.

Could this be implemented in the IDE as a pause button alongside the other debugging controls?
Or run automaticly if one inserts a breakpoint into a running program, like: <Pause><Add breakpoint><Continue>?

Subject: Re: Tip/feature request: Pause running program
Posted by mdelfede on Tue, 14 Aug 2012 21:42:46 GMT
View Forum Message <> Reply to Message

Hi... I implemented it some time ago, but I had to remove again because of instability problems. In detail, it crashed my whole X session, when running gdb in all-stop mode; running in non-stop mode did work but was not stable sometimes.

I'll try again in future, I still don't know if problems are because of GDB or due to upp process spawning.

Ciao

Max