Subject: Re: GDB_MI2 debugger fixes
Posted by mdelfede on Sun, 09 Feb 2014 00:37:18 GMT
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Hi,

ReadGdb blocks, in blocking path, for exactly 3 seconds, so

3*50*20 ms

Which is right, imho, for the 'almosto blocking' path.

This has nothing to do with panes delay.
It's just a way to wait for gdb to answer to a command... normally it responds in less than 20 ms, 3 seconds is a maximum as when gdb returns python exceptions usually it needs almost 1 second to recover.

Again, this has nothing to do with delay in panes switching, which is totally unrelated with gdb communication.

I think you've got some problem with your gdb... but I can't replicate it.

Just to explain you the path:

1) When I send a command to gdb, I wait for response, which is completed when I receive a '(gdb)' string at end.
To be sure to get the response, I put a limit of 3 seconds on it, but as I said, normally it answers in 20 ms or less.

2) Switching panes is totally unrelated, as panes works on cached data, so do not need to issue additional gdb commands.

3) Panes updating happens 500 ms AFTER last gdb command.
So, if you step quickly, panes do not update before you stop stepping.

If you like, you can send me your compiled ide, so I can test it.
Send to this address : maxx5@veneto.com

ciao

Massimo