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Subject: Re: GDB\_MI2 debugger fixes  
Posted by [Klugier](#) on Sun, 23 Feb 2014 00:02:47 GMT  
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Hello Massimo,

It seems, that GDB initializing is slower than previous. (Kubuntu 13.10 - KDE 4.11).

I measured initializing time using my watch. It takes around 15 seconds (5 times for 3 seconds!), so it seems that it consumes too much time. And I don't know how to fix it.

Like I noticed several post ago. This code generates slow KDE initializing time.

```
MIValue Gdb_MI2::ReadGdb(bool wait)
{
    String output, s;
    MIValue res;

    if(wait)
    {
        // blocking path
        // waits for 3 seconds max, then return empty value
        // some commands (in particular if they return python exceptions)
        // have a delay between returned exception text and command result
        // so we shall wait up to the final (gdb)
        int retries = 3; // 13 * 50; // <- This variable is too big for KDE. Max retries is always executed at
startup.
        while(dbg && retries--)
        {
            dbg->Read(s);
            output += s;
            if(TrimRight(s).EndsWith("(gdb)"))
                break;
            Sleep(20);
            continue;
        }
    }
    else if(dbg)
        dbg->Read(output);
    if(output.IsEmpty())
        return res;
    return ParseGdb(output);
}
```

Sincerely,  
Klugier

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