Subject: Re: Cannot debug application on ubuntu linux Posted by alex-t on Thu, 05 Aug 2021 08:51:21 GMT

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GNU gdb (Ubuntu 9.2-0ubuntu1~20.04) 9.2

Seems gdb works from console.

I'm created program with 3 lines of source code, compiled clang++ -g ./TheMain.cpp

Then gdb ./a.out.

Output:

```
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This GDB was configured as "x86 64-linux-gnu".
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   <a href="http://www.gnu.org/software/gdb/documentation/">http://www.gnu.org/software/gdb/documentation/>.</a>
For help, type "help".
Type "apropos word" to search for commands related to "word"...
Reading symbols from ./a.out...
(gdb) b main
Breakpoint 1 at 0x4011df: file ./TheMain.cpp, line 5.
(qdb) r
Starting program: /data/3/soft/devel/IDEs/cb/cb_test/a.out
Breakpoint 1, main () at ./TheMain.cpp:5
         std::cout << "Preved" << std::endl;
5
(gdb) s
Preved
6
         std::cout << "Preved2" << std::endl;
(qdb) s
Preved2
7
         return 0;
(adb) s
  _libc_start_main (main=0x4011d0 <main()>, argc=1, argv=0x7ffffffdac8, init=<optimized out>,
fini=<optimized out>, rtld fini=<optimized out>,
  stack_end=0x7ffffffdab8) at ../csu/libc-start.c:342
       ../csu/libc-start.c: No such file or directory.
342
(qdb) s
```

__GI_exit (status=0) at exit.c:138
138 exit.c: No such file or directory.
(gdb) s
139 in exit.c

Seems after exiting my main some strange occured - it tries to find files that not exists. But I can debug my application itself.