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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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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:

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

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This GDB was configured as "x86\_64-linux-gnu".

Type "show configuration" for configuration details.

For bug reporting instructions, please see:

<<http://www.gnu.org/software/gdb/bugs/>>.

Find the GDB manual and other documentation resources online at:

<<http://www.gnu.org/software/gdb/documentation/>>.

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.

(gdb) r

Starting program: /data/3/soft/devel/IDEs/cb/cb\_test/a.out

Breakpoint 1, main () at ./TheMain.cpp:5

5 std::cout << "Preved" << std::endl;

(gdb) s

Preved

6 std::cout << "Preved2" << std::endl;

(gdb) s

Preved2

7 return 0;

(gdb) s

\_\_libc\_start\_main (main=0x4011d0 <main()>, argc=1, argv=0x7fffffffdac8, init=<optimized out>, fini=<optimized out>, rtld\_fini=<optimized out>,

stack\_end=0x7fffffffdab8) at ../csu/libc-start.c:342

342 ../csu/libc-start.c: No such file or directory.

(gdb) 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 occurred - it tries to find files that not exists. But I can debug my application itself.

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