
Subject: Re: Is MT-option broken now?

Posted by [piotr5](#) on Thu, 28 Sep 2006 13:01:55 GMT

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As I said, linux is my platform. however, now I realized that the bug might be only affecting me since I have 2 Athlon-MP.

When I now compile for speed with the option "-mcpu=athlon-mp" instead of mere athlon-optimization, the ide does run alright. however, when I optimize for size alone (without -mcpu), I get a segfault between BiVector<Lex::Term>::~BiVector and its call to BiVector<Lex::Term>::~Free(), or something like that. the debug-version (with -O0) does work without problems. maybe it's just my old gcc-version, I just where curious if someone else with a multi-processor system did reproduce my problem. here's some debugger-output for orientation -- it's the bt just before the segfault, since afterwards it was extremely short:

disas

info registers

```
eax      0xbffe7230 -1073843664
ecx      0xbffe70b8 -1073844040
edx      0x9082774 151529332
ebx      0xbffe718c -1073843828
esp      0xbffe70b8 0xbffe70b8
ebp      0xbffe70c0 0xbffe70c0
esi      0xbffe72c4 -1073843516
edi      0x0 0
eip      0x82b343f 0x82b343f
eflags   0x10282 66178
cs       0x23 35
ss       0x2b 43
ds       0x2b 43
es       0x2b 43
fs       0x0 0
gs       0x0 0
```

frame 0

```
#0 0x082b343f in BiVector<Lex::Term>::~Free() (this=0xbffe7230) at
/home/p/upp/uvs/upp-uvs/Core/Vcont.hpp:660
/home/p/upp/uvs/upp-uvs/Core/Vcont.hpp:660:14187:begin:0x82b34 3f
```

frame 1

```
#1 0x08242b97 in Parse(Stream&, Vector<String> const&, CppBase&, String const&,
Callback2<int, String const&>) (s
=@0xbffe7230, ignore=@0xbffe7230, base=@0xbffe7230, fn=@0xbffe7230,
_err={<Moveable<Callback2<int, const Strin
g&>, EmptyClass>> = {<EmptyClass> = {<No data fields>, <No data fields>}, action =
```

0x40531a00}) at /home/p/upp
/uvs/upp-uvs/Core/BiCont.h:56
/home/p/upp/uvs/upp-uvs/Core/BiCont.h:56:2542:beg:0x8242b97

frame 2

#2 0x080dcf89 in UpdateBrowserBase(Progress&) (pi=@0xbffe74dc) at
/home/p/upp/uvs/upp-uvs/ide/Browser/Base.cpp:27
6
/home/p/upp/uvs/upp-uvs/ide/Browser/Base.cpp:276:5936:beg:0x 80dcf89

frame 3

#3 0x080dd295 in StartBrowserBase() () at /home/p/upp/uvs/upp-uvs/ide/Browser/Base.cpp:325
/home/p/upp/uvs/upp-uvs/ide/Browser/Base.cpp:325:6929:beg:0x 80dd295

frame 4

#4 0x080939b3 in Ide::OpenMainPackage() (this=0xbffe7828) at
/home/p/upp/uvs/upp-uvs/ide/ide.cpp:177
/home/p/upp/uvs/upp-uvs/ide/ide.cpp:177:4062:beg:0x80939b3

frame 5

#5 0x0807d42b in GuiMainFn_() () at /home/p/upp/uvs/upp-uvs/ide/idewin.cpp:824
/home/p/upp/uvs/upp-uvs/ide/idewin.cpp:824:17461:beg:0x807d4 2b

frame 6

#6 0x0807c9ab in main (argc=1, argv=0xbffff754, envptr=0xbffff75c) at
/home/p/upp/uvs/upp-uvs/ide/idewin.cpp:568
/home/p/upp/uvs/upp-uvs/ide/idewin.cpp:568:11113:beg:0x807c9 ab

frame 7

#0 0x00000000 in ?? ()