
Subject: Re: Different results from same code&settings
Posted by [dolik.rce](#) on Sun, 07 Sep 2008 22:15:14 GMT
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Thanks for suggestions. I did more testing and I think I found the reason of the problem... I checked the MD5 checksums of all files in package folder to those in backup - the only different was .upp file. After checking them in text editor I found that the only difference is in the order of files in file section.

I realized that I was playing with the order before (just to make them look organized). I tested if this is it by executing "rebuild all" command in release mode with different ordering of files... and it was really it.

Now I must admit that my project is not exactly "usual" use of the IDE. I'm using Bison&Flex through "Custom build steps" so that must be the cause - somewhat wrong order of parsing and compiling files...

Only thing that still puzzles me is that the report in console always shows the .y & .l files being parsed before compilation of their output .cpp's. Here is the output if it helps:

```
----- Core ( GCC SHARED LINUX ) ( 1 / 3 )
cd /media/hda6/upp/uppsrc/Core
----- plugin/pcr ( GCC SHARED LINUX ) ( 2 / 3 )
cd /media/hda6/upp/uppsrc/plugin/pcr
----- Fam_a3.3 ( MAIN GCC SHARED LINUX ) ( 3 / 3 )
cd /media/hda6/MyUppApps/Fam_a3.3
parser.y
bison++ -d --verbose -h parser.h -o parser.cpp parser.y
bison++ -d --verbose -h parser.h -o parser.cpp parser.y
Exitcode: 0
scanner.l
flex++ -d -o scanner.cpp scanner.l
flex++ -d -o scanner.cpp scanner.l
Exitcode: 0
Fam_a3.3.cpp
g++-4.1 -c -I"/media/hda6/MyUppApps" -I"/media/hda6/upp/uppsrc" -I"/usr/include/freetype2"
-I"/usr/include/gtk-2.0"
-I"/usr/include/glib-2.0" -I"/usr/lib/glib-2.0/include" -I"/usr/lib/gtk-2.0/include" -I"/usr/include/cairo"
-I"/u
sr/include/pango-1.0" -I"/usr/include/atk-1.0" -DflagMAIN -DflagGCC -DflagSHARED -DflagLINUX
-DbmYEAR=2008 -DbmMO
NTH=9 -DbmDAY=7 -DbmHOUR=23 -DbmMINUTE=47 -DbmSECOND=40 -fexceptions -Os
-inline-limit=20 -x c++ "/media/hda6/
MyUppApps/Fam_a3.3/Fam_a3.3.cpp" -o
"/media/hda6/MyUppApps/out/Fam_a3.3/GCC.Main.Shared/Fam_a3.3.o"
g++-4.1 -c -I"/media/hda6/MyUppApps" -I"/media/hda6/upp/uppsrc" -I"/usr/include/freetype2"
-I"/usr/include/gtk-2.0"
-I"/usr/include/glib-2.0" -I"/usr/lib/glib-2.0/include" -I"/usr/lib/gtk-2.0/include" -I"/usr/include/cairo"
-I"/u
sr/include/pango-1.0" -I"/usr/include/atk-1.0" -DflagMAIN -DflagGCC -DflagSHARED -DflagLINUX
-DbmYEAR=2008 -DbmMO
NTH=9 -DbmDAY=7 -DbmHOUR=23 -DbmMINUTE=47 -DbmSECOND=40 -fexceptions -Os
```

```

-inline-limit=20 -x c++ "/media/hda6/
MyUppApps/Fam_a3.3/Fam_a3.3.cpp" -o
"/media/hda6/MyUppApps/out/Fam_a3.3/GCC.Main.Shared/Fam_a3.3.o"
compiled in (0:02.17)
parser.cpp
g++-4.1 -c -I"/media/hda6/MyUppApps" -I"/media/hda6/upp/uppsrc" -I"/usr/include/freetype2"
-I"/usr/include/gtk-2.0"
-I"/usr/include/glib-2.0" -I"/usr/lib/glib-2.0/include" -I"/usr/lib/gtk-2.0/include" -I"/usr/include/cairo"
-I"/u
sr/include/pango-1.0" -I"/usr/include/atk-1.0" -DflagMAIN -DflagGCC -DflagSHARED -DflagLINUX
-DbmYEAR=2008 -DbmMO
NTH=9 -DbmDAY=7 -DbmHOUR=23 -DbmMINUTE=47 -DbmSECOND=40 -fexceptions -Os
-inline-limit=20 -x c++ "parser.cpp"
-o "/media/hda6/MyUppApps/out/Fam_a3.3/GCC.Main.Shared/parser.o"
g++-4.1 -c -I"/media/hda6/MyUppApps" -I"/media/hda6/upp/uppsrc" -I"/usr/include/freetype2"
-I"/usr/include/gtk-2.0"
-I"/usr/include/glib-2.0" -I"/usr/lib/glib-2.0/include" -I"/usr/lib/gtk-2.0/include" -I"/usr/include/cairo"
-I"/u
sr/include/pango-1.0" -I"/usr/include/atk-1.0" -DflagMAIN -DflagGCC -DflagSHARED -DflagLINUX
-DbmYEAR=2008 -DbmMO
NTH=9 -DbmDAY=7 -DbmHOUR=23 -DbmMINUTE=47 -DbmSECOND=40 -fexceptions -Os
-inline-limit=20 -x c++ "parser.cpp"
-o "/media/hda6/MyUppApps/out/Fam_a3.3/GCC.Main.Shared/parser.o"
compiled in (0:04.20)
scanner.cpp
g++-4.1 -c -I"/media/hda6/MyUppApps" -I"/media/hda6/upp/uppsrc" -I"/usr/include/freetype2"
-I"/usr/include/gtk-2.0"
-I"/usr/include/glib-2.0" -I"/usr/lib/glib-2.0/include" -I"/usr/lib/gtk-2.0/include" -I"/usr/include/cairo"
-I"/u
sr/include/pango-1.0" -I"/usr/include/atk-1.0" -DflagMAIN -DflagGCC -DflagSHARED -DflagLINUX
-DbmYEAR=2008 -DbmMO
NTH=9 -DbmDAY=7 -DbmHOUR=23 -DbmMINUTE=47 -DbmSECOND=40 -fexceptions -Os
-inline-limit=20 -x c++ "scanner.cpp"
-o "/media/hda6/MyUppApps/out/Fam_a3.3/GCC.Main.Shared/scanner.o"
g++-4.1 -c -I"/media/hda6/MyUppApps" -I"/media/hda6/upp/uppsrc" -I"/usr/include/freetype2"
-I"/usr/include/gtk-2.0"
-I"/usr/include/glib-2.0" -I"/usr/lib/glib-2.0/include" -I"/usr/lib/gtk-2.0/include" -I"/usr/include/cairo"
-I"/u
sr/include/pango-1.0" -I"/usr/include/atk-1.0" -DflagMAIN -DflagGCC -DflagSHARED -DflagLINUX
-DbmYEAR=2008 -DbmMO
NTH=9 -DbmDAY=7 -DbmHOUR=23 -DbmMINUTE=47 -DbmSECOND=40 -fexceptions -Os
-inline-limit=20 -x c++ "scanner.cpp"
-o "/media/hda6/MyUppApps/out/Fam_a3.3/GCC.Main.Shared/scanner.o"
compiled in (0:02.64)
Fam_a3.3: 5 file(s) built in (0:08.83), 1766 msecs / file, duration = 9766 msecs
Linking...
g++-4.1 -o "/media/hda6/MyUppApps/out/GCC.Shared/Fam_a3" -Wl,-s -L"/usr/X11R6/lib"
-Wl,-O,2 "/media/hda6/MyUppApps/o

```

```
ut/Fam_a3.3/GCC.Main.Shared/Fam_a3.3.o"
"/media/hda6/MyUppApps/out/Fam_a3.3/GCC.Main.Shared/parser.o" "/media/hda
6/MyUppApps/out/Fam_a3.3/GCC.Main.Shared/scanner.o" -Wl,--start-group -lpthread -ldl -lz
"/media/hda6/MyUppApps/
out/Core/GCC.Shared/Core.a" "/media/hda6/MyUppApps/out/plugin/pcre/GCC.Shared/pcre.a"
-Wl,--end-group
g++-4.1 -o "/media/hda6/MyUppApps/out/GCC.Shared/Fam_a3" -Wl,-s -L"/usr/X11R6/lib"
-Wl,-O,2 "/media/hda6/MyUppApps/o
ut/Fam_a3.3/GCC.Main.Shared/Fam_a3.3.o"
"/media/hda6/MyUppApps/out/Fam_a3.3/GCC.Main.Shared/parser.o" "/media/hda
6/MyUppApps/out/Fam_a3.3/GCC.Main.Shared/scanner.o" -Wl,--start-group -lpthread -ldl -lz
"/media/hda6/MyUppApps/
out/Core/GCC.Shared/Core.a" "/media/hda6/MyUppApps/out/plugin/pcre/GCC.Shared/pcre.a"
-Wl,--end-group
Exitcode: 0
/media/hda6/MyUppApps/out/GCC.Shared/Fam_a3 (622112 B) linked in (0:01.05)
```

OK. (0:11.00)

```
"/media/hda6/MyUppApps/out/GCC.Shared/Fam_a3"
/media/hda6/MyUppApps/out/GCC.Shared/Fam_a3
Error executing /media/hda6/MyUppApps/out/GCC.Shared/Fam_a3
Exitcode: 1006
```

I'm really glad to see, that it's not a bug in the IDE. I can just keep it in the right order (which is BTW any where parser.y is above Fam_a3.3.cpp), it's no problem. Sorry for taking your time and thanks for pointing me in the right way

Honza