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Subject: GCC Linking Issue

Posted by [dentist](#) on Sat, 19 Nov 2011 11:13:54 GMT

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Hi all!

Soon i tried to build a boost::test example in MinGW32, which required a

-lboost\_unit\_test\_framework-mgw46-mt-1\_47 link option.

I tried setting it in Build methods - Release link options, but had no luck. Having in mind a GCC "bugfeature" - symbols from object files are being resolved using only libs, passed after this file, i found these lines:

uppsrc/ide/Builders/GccBuilder.cpp - GccBuilder::Link().

```
//          Ink << " -Wl,--gc-sections,-O,2 ";
          if (!HasFlag("OSX11"))
              Ink << " -Wl,-O,2 "; // CXL 05/11/14 --gc-sections causing trouble on ubuntu
          Ink << linkoptions;
```

here linkoptions variable contains my link options.

I advice you to move "Ink << linkoptions;" before "PutConsole("Linking...");", with adding a space in preceding string " -Wl,--end-group ".

It worked for me.

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Subject: Re: GCC Linking Issue

Posted by [mirek](#) on Sat, 19 Nov 2011 18:17:09 GMT

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dentist wrote on Sat, 19 November 2011 06:13Hi all!

Soon i tried to build a boost::test example in MinGW32, which required a

-lboost\_unit\_test\_framework-mgw46-mt-1\_47 link option.

I tried setting it in Build methods - Release link options, but had no luck.

You are rather expected to add it to in package organizer as Library (it has logic: packages are portable across machines, so information about required libraries should be stored with them. Build method contains information about particular machine).

Look how other ld libraries are quoted there...

Mirek

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Subject: Re: GCC Linking Issue  
Posted by [dentist](#) on Mon, 21 Nov 2011 04:45:39 GMT  
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It helped, thank you! Was not familiar with these settings.

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