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Subject: Re: GCC compilation options

Posted by [mirek](#) on Tue, 29 Dec 2009 16:36:14 GMT

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Zbych wrote on Tue, 29 December 2009 05:46Hi,

I've noticed that u++ doesn't force gcc to remove unused functions nor data, so binaries are usually bigger (comparing to MS compiler). So, my proposition is to add:

1. -ffunction-sections and -fdata-sections to compilation options for gcc
2. -Wl,--gc-sections to linker options

I know that "-ffunction-sections" is already used, but without --gc-sections it is useless.

We have experimented with it way back (5 years ago). At least in Linux and BSD, it did not seem to result in any difference in binary size.

Maybe things evolved since then. Could you try please? Ideal test candidate is theide in release mode.

You can pass linker options via package organizer for the purpose of the experiment...

Mirek