
Subject: Re: GCC compilation options
Posted by [Zbych](#) on Tue, 29 Dec 2009 20:50:39 GMT
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luzr wrote on Tue, 29 December 2009 17:36: At least in Linux and BSD, it did not seem to result in any difference in binary size.

You will not see huge size reduction of big applications, because such applications use a lot of functions from u++, so there is almost nothing to remove.

The biggest difference is in small applications.

I've made simple MT tcp/ip server. Without --gc-sections size of application was ~1,5MB. After I added --gc-sections size decreased to 0,4MB. For me it is a huge difference.

Compilation results for some applications from u++ package:

Application	size [B] without dead code removal	size [B] with dead code removal	Size reduction
ide	5809896	5148244	11,4%
Gui01	1760072	1090132	38%
HomeBudget	3641508	2037696	44%

gcc version 4.4.1, all applications optimized for size.