

GROMACS - Bug #1726

ICC 15.0.2 bug

05/06/2015 12:54 AM - Roland Schulz

Status: Closed	
Priority: Normal	
Assignee:	
Category:	
Target version: 5.1	
Affected version - extra info:	Difficulty: uncategorized
Affected version: git master	

Description

calc_dr_x_xp_simd compiles incorrectly with ICC 15.0.2. It is almost guaranteed a compiler bug not a GROMACS error (the problem goes away at lower optimization or when adding a printf). Already reported to Intel. So far we weren't able to come up with a local work-around. If we can't find one before the release we should add an error to cmake.

Associated revisions

Revision 99a1e1f7 - 06/03/2015 11:06 AM - Roland Schulz

Use stack buffer for LINC&bonded gather/scatter

Fixes #1726

Change-Id: Idd57adc02c8fc05529a50e75f3017475b476a90f

History

#1 - 05/28/2015 05:05 PM - Erik Lindahl

If lower optimization helps, you might be able to add an icc-specific pragma before that routine.

#2 - 05/29/2015 09:22 AM - Gerrit Code Review Bot

Gerrit received a related patchset '1' for Issue [#1726](#).

Uploader: Roland Schulz (roland@rschulz.eu)

Change-Id: I0ba81de172ba00261ca5d4fac0df65d4e8d0667f

Gerrit URL: <https://gerrit.gromacs.org/4670>

#3 - 05/29/2015 10:09 PM - Gerrit Code Review Bot

Gerrit received a related patchset '1' for Issue [#1726](#).

Uploader: Roland Schulz (roland@rschulz.eu)

Change-Id: Idd57adc02c8fc05529a50e75f3017475b476a90f

Gerrit URL: <https://gerrit.gromacs.org/4672>

#4 - 06/04/2015 08:38 PM - Roland Schulz

- Status changed from New to Closed