

GROMACS - Bug #2262

ARM post-submit SIMD ambiguous double functions test failure

10/05/2017 12:20 PM - Aleksei lupinov

Status: Closed	
Priority: Normal	
Assignee:	
Category: mdrun	
Target version: 2018	
Affected version - extra info:	Difficulty: uncategorized
Affected version: git master	
Description	
Since commit 81b411f09bf (Change-Id: lc7582764f1fa9b644d4608536100004e5f737462) ("Fix that exp(load(x)) is ambiguous") some double-precision function tests now fail on ARM_NEON.	
CTest.simd_ambiguous_double_exp CTest.simd_ambiguous_double_exp2 CTest.simd_ambiguous_double_log CTest.simd_ambiguous_double_inv CTest.simd_ambiguous_double_cos CTest.simd_ambiguous_double_sin CTest.simd_ambiguous_double_sqrt	

Associated revisions

Revision 82beb36a - 10/05/2017 11:25 PM - Berk Hess

Make SIMD ambiguous test work with float/double only

Fixes #2262

Change-Id: I612aea147a7808a72aa05dca44f588a60c27eea0

History

#1 - 10/05/2017 12:21 PM - Aleksei lupinov

http://jenkins.gromacs.org/view/Post-submit/job/Matrix_PostSubmit_master/212/testReport/

#2 - 10/05/2017 01:41 PM - Berk Hess

There is no double support on ARM Neon, so the solution is probably to not run these tests when there is no support.

#3 - 10/05/2017 04:17 PM - Gerrit Code Review Bot

Gerrit received a related DRAFT patchset '2' for Issue [#2262](#).

Uploader: Aleksei lupinov (a.yupinov@gmail.com)

Change-Id: gromacs~master~I13f578cd757ec609de77f4ac5100fae052ade2ea

Gerrit URL: <https://gerrit.gromacs.org/7001>

#4 - 10/05/2017 06:33 PM - Gerrit Code Review Bot

Gerrit received a related patchset '1' for Issue [#2262](#).

Uploader: Berk Hess (hess@kth.se)

Change-Id: gromacs~master~I612aea147a7808a72aa05dca44f588a60c27eea0

Gerrit URL: <https://gerrit.gromacs.org/7002>

#5 - 10/06/2017 09:46 AM - Berk Hess

- Status changed from New to Resolved

Applied in changeset [82beb36aa489554910eb733938b7fc8bdac49a38](#).

#6 - 10/25/2017 02:58 PM - Szilárd Páll

- *Category set to mdrun*
- *Status changed from Resolved to Closed*
- *Target version set to 2018*