

GROMACS - Task #2178

Task # 1587 (New): improve the configurability of regression tests

Move checks for specific warnings to source repo

05/10/2017 12:07 PM - Mark Abraham

Status:	New
Priority:	Normal
Assignee:	
Category:	testing
Target version:	
Difficulty:	uncategorized
Description	
<p>Considering https://redmine.gromacs.org/issues/2141 suggested https://gerrit.gromacs.org/#/c/6613 and https://gerrit.gromacs.org/#/c/6609 which are fine on their own, but that procedure then forces every commit in master branch to rebase in order to pass Jenkins. This has happened before, and I have refrained from changing warning text because we have to do all this extra work. That's not good.</p> <p>There are only a few kinds of distinct warnings (try <code>ls -l \$(find * -name *.warn) sort -k 5 less</code> in regressiontests) so it will be fairly easy to port them to the GoogleTest framework:</p> <ul style="list-style-type: none">• stop regressiontests generating warnings (e.g. for center of mass removal) that aren't part of the intent of the test• refactor warnings in grompp to do something like the new logging framework at Warning level• use callGrompp on suitable inputs (e.g. including that a default mdp file does not trigger a warning)• assert on the number of warnings, via a test-specific implementation of a logger• perhaps assert on the text of the warning (if we think we need to) <p>To arrange to send warnings to the memory buffer, I suggest we</p>	

History

#1 - 05/10/2017 12:12 PM - Mark Abraham

- Description updated

#2 - 05/10/2017 12:14 PM - Mark Abraham

- Parent task set to #1587

#3 - 05/12/2017 03:57 PM - Szilárd Páll

Mark Abraham wrote:

To arrange to send warnings to the memory buffer, I suggest we

Some thought missing?

Could we export warnings/errors (using some tags?) to automate generating a list of all warning/fatal msg?