GROMACS - Bug #2324
mdrun signal description incorrect
12/03/2017 10:29 PM - Berk Hess

Status: Closed
Priority: Normal
Assignee: 
Category: documentation
Target version: 
Affected version - extra info: 
Affected version: 2018

Difficulty: uncategorized

Description
The mdrun help texts list different behavior for when receiving and TERM or an INT signal. But from the code and testing it seems the behavior is identical. So the help text should likely be updated.

Associated revisions
Revision 50d50553 - 12/04/2017 09:51 AM - Berk Hess
Update mdrun signal help text

Updated mdrun help text on signal handling for old and recent changes to the behavior.

Fixes #2324
Change-Id: I48dd30b7da3a1dc57331978c7d3b0e1509850187

History
#1 - 12/04/2017 07:56 AM - Gerrit Code Review Bot
Gerrit received a related patchset '1' for Issue #2324.
Uploader: Berk Hess (hess@kth.se)
Change-Id: gromacs~release-2018~I48dd30b7da3a1dc57331978c7d3b0e1509850187
Gerrit URL: https://gerrit.gromacs.org/7276

#2 - 12/04/2017 07:57 AM - Berk Hess
- Status changed from New to Fix uploaded

U uploaded a fix.
We might want to make no distinction between INT and TERM in the code, but I didn't want to do that in a release branch.

#3 - 12/04/2017 09:47 AM - Mark Abraham
I'm all for simplicity - Ctrl-C is a hard exit ASAP, no checkpoint. We already have to support restarting in such scenarios from the old checkpoint, e.g. after power failure.

However, I think that the main use case for supporting the coordination leading to writing a checkpoint is to permit a job scheduler to send signals that lead to a graceful shutdown without wasting up to 15 minutes of parallel resources. That coincidentally means that Ctrl-C does things, but I think we shouldn't design the implementation around the use case on the terminal.

#4 - 12/04/2017 10:43 AM - Berk Hess
- Status changed from Fix uploaded to Resolved

OK. But then we need to change the behavior: INT should do the same thing as ABRT.

#5 - 12/04/2017 01:06 PM - Berk Hess
Applied in changeset 50d50553ba30ea4935f611343f66cd07202467e.

#6 - 12/10/2017 05:19 PM - Erik Lindahl
- Status changed from Resolved to Closed