As reported by Ake Sandgren:

Found a problem in gromacs 4.6.1

The fopen/ffclose functions used clashes with functions that already exist in some compiler libraries and also with the already existing fopen/ffclose function (https://fs.hlrs.de/projects/craydoc/docs/man/ffiom/72/cat3/ffopen.3c.html)

I temporarily renamed them here.

Associated revisions
Revision cd03ec72 - 02/20/2014 02:44 PM - Rossen Apostolov
Rename fopen and ffclose to gmx_ff*.

There are name clashes with e.g. PathScale compiler.

Fixes #1250.

Change-Id: I3e5e85d9335f2695515483d59d440276823624f0

History
#1 - 05/15/2013 12:21 AM - Mark Abraham
I expect we can make this go away during the transition to 5.0, but I think we will leave 4.6.x alone.

#2 - 05/17/2013 11:47 AM - Szilárd Páll
Which are the compilers clashes are observed with?

#3 - 05/17/2013 12:45 PM - Rossen Apostolov
It's pathscale

#4 - 05/17/2013 04:09 PM - Szilárd Páll
Last time I checked Pathscale mis-compiled the SIMD kernels so unless all regressiontest pass, ATM it is not even worth considering a fix.

#5 - 06/26/2013 01:32 AM - Mark Abraham
- Tracker changed from Bug to Task
- Assignee changed from Berk Hess to Mark Abraham
- Priority changed from Normal to Low
- Target version set to 5.x

While refactoring, consider avoiding these names to work around compilers that are too broken to support an unpolluted C namespace.

#6 - 02/11/2014 12:51 PM - Rossen Apostolov
shall we rename those for 5.0?
Yeah sed to gmx_ff* seems straight forward.

ok, I'll fix it then.

Gerrit received a related patchset '1' for Issue #1250.
Uploader: Rossen Apostolov (rossen@kth.se)
Change-id: I3e5e85d9335f2695515483d59d440276823624f0
Gerrit URL: https://gerrit.gromacs.org/3139

- Status changed from New to Resolved
- % Done changed from 0 to 100

Applied in changeset cd03ec72a1461fd15bca9f3e3f522176a5646944.

- Status changed from Resolved to Closed

- Assignee changed from Mark Abraham to Rossen Apostolov
- Target version changed from 5.x to 5.0