Convert preprocessor use so that symbols are always defined

11/16/2015 05:48 PM - Mark Abraham

Status: New
Priority: Normal
Assignee:
Category:
Target version:

Description
We will end up with no preprocessor constructs that check whether GROMACS preprocessor symbols are defined, because we will always define them to a value and check that instead. This is much more robust under maintenance, and is something other large projects have done also (e.g. https://sourceware.org/glibc/wiki/Wundef). We've had several issue arise through not doing this as well as we could (e.g. #1673). Once complete, we can use gcc -Wundef to keep the code like that, and have fewer home-grown scripts checking things.

So far, the SIMD module is completed, but src/config.h.in needs a lot more #cmakedefine01 (and associated code fixes).

Subtasks:
Bug # 1673: mis-use of simd.h after refactoring

History
#1 - 11/16/2015 08:37 PM - Gerrit Code Review Bot
Gerrit received a related patchset '2' for Issue #1855.
Uploader: Mark Abraham (mark.j.abraham@gmail.com)
Change-Id: i59b6874739d528603a86e0b6ab9bcadd67fdd3fa
Gerrit URL: https://gerrit.gromacs.org/5343

#2 - 11/20/2015 05:43 PM - Gerrit Code Review Bot
Gerrit received a related patchset '2' for Issue #1855.
Uploader: Mark Abraham (mark.j.abraham@gmail.com)
Change-Id: i3448fe284ac526eb2b185e915b95fccc84f3d469a
Gerrit URL: https://gerrit.gromacs.org/5360