### Gromacs - Task #1483

Fix warnings ignored by Jenkins  
04/17/2014 08:35 AM - Roland Schulz

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tr>
<td>Priority:</td>
<td>Normal</td>
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<tr>
<td>Assignee:</td>
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<tr>
<td>Category:</td>
<td>build system</td>
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<td>Target version:</td>
<td>5.x</td>
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**Description**

We have a couple of warnings which are ignored by Jenkins. That makes the output harder to read and sometimes the parser does show it as warning.

1) `cl : Command line warning D9002 : ignoring unknown option '-msse2'`  
   This is caused by the fact that `gmx_find_cflag_for_source` in `cmake/gmxFindFlagsForSource.cmake` isn't checking for warnings when checking for the flags. We could use `CheckCCompilerFlag.cmake` which does check for warnings to fix this. Or is this done on purpose? Alternative we could also simply not add flags for x86-64 on Windows. Or we could disable the D9002 warning.

2) `command line remark #10010: option '/GX' is deprecated and will be removed in a future release. See '/help deprecated'`  
   Cause by cmake prior to 2.8.9. Workaround was removed by commit b2074da10d30de. We could either undo the commit, suppress the warning or use a newer cmake version for ICC on Windows.

3) `direct access in [] to global weak symbol [] means the weak symbol cannot be overridden at runtime.`  
   I don't really understand why we get that warning.

**Related issues:**

- Related to Gromacs - Bug #1461: CMake SIMD tests may add compiler flags that ...  
  Closed 03/15/2014
- Duplicated by Gromacs - Bug #1535: osx C++ symbol visibility warnings  
  Closed 06/27/2014

**Associated revisions**

Revision bc49850a - 08/18/2014 02:39 AM - Roland Schulz

Add Intel command line warning

Fixes that build was printing a warning for scanner.cpp.

Related to #1483

Change-Id: l8a30fcee82ab7e0f0bfe735630b1ce4d9bb636696d

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**History**

**#1 - 04/17/2014 08:48 AM - Teemu Murtola**

- Related to Bug #1461: CMake SIMD tests may add compiler flags that cause warnings added

**#2 - 06/22/2014 08:31 AM - Erik Lindahl**

(1) has been fixed in #1461.

(2) Agree that updating our windows version is better than cluttering our CMake files with workarounds.

Can't help with (3) :-)

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11/25/2015 1/2
Which Jenkins configuration has 3)? I have some ideas of what could be the cause, and it's a bit hard to find them in Jenkins (which is the only environment where I could test the fixes).

3 is Intel on Mac.

-Duplicated by Bug #1535: osx C++ symbol visibility warnings added

The first should now be fixed. The second should only require a change in Jenkins, not in the code. The third could be handled in the linked separate issue. So I propose this is closed after the second is done.

Set the target version based on where the code changes for the first issue were done.

2 has been fixed. Stefan updated cmake.

- Target version changed from 5.0 to 5.x

Gerrit received a related patchset '1' for Issue #1483.
Uploader: Roland Schulz (roland@rschulz.eu)
Change-Id: I8a30fce82ab7ef0bfe735630b1ce4d9bb636b36d
Gerrit URL: https://gerrit.gromacs.org/3904

Stefan updated cmake and ICC to resolve 2 and 3.