

## GROMACS - Bug #2990

### ARM neon SIMD4 error

06/20/2019 04:08 PM - Szilárd Páll

<b>Status:</b> New	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> mdrun	
<b>Target version:</b> 2020-beta3	
<b>Affected version - extra info:</b>	<b>Difficulty:</b> uncategorized
<b>Affected version:</b> git master	

#### Description

On a NEON build with gcc 8 (on jetson tk1) I get:

```
gmx: /nethome/pszilard/gromacs-master/src/gromacs/simd/impl_arm_neon/impl_arm_neon_simd4_float.h:78: gmx::Simd4Float gmx::load4(const float*): Assertion `size_t(m) % 16 == 0' failed.  
Aborted
```

#### History

##### #1 - 09/06/2019 02:32 PM - Paul Bauer

I'm trying this again now and I no longer get the error but a whole bunch of warnings.  
@Szilard is there still something to do here?

##### #2 - 09/06/2019 02:49 PM - Szilárd Páll

Paul Bauer wrote:

I'm trying this again now and I no longer get the error but a whole bunch of warnings.  
@Szilard is there still something to do here?

I've not tried and I can't prioritize this for beta1.

##### #3 - 09/24/2019 03:25 PM - Paul Bauer

- Target version changed from 2020-beta1 to 2020-beta2

##### #4 - 11/01/2019 03:24 PM - Paul Bauer

- Target version changed from 2020-beta2 to 2020-beta3

bump