# Gromacs - Bug #1289

**EEL_USER is true when eelPMESWITCH is true**

06/23/2013 09:37 PM - Mark Abraham

| Status:  | Closed          |
| Priority: | Low             |
| Assignee: | Mark Abraham    |
| Category: | mdrun           |
| Target version: | 4.6.4          |
| Affected version - extra info: | 4.6-4.6.2       |

**Description**

The monster Verlet kernel patch included

```c
#define EEL_USER(e) ((e) == eelUSER || (e) == eelPMEUSER || (e) == (eelPMESWITCH))
```

(see [http://redmine.gromacs.org/projects/gromacs/repository/revisions/release-4-6/entry/include/types/enums.h#L120](http://redmine.gromacs.org/projects/gromacs/repository/revisions/release-4-6/entry/include/types/enums.h#L120))

I think it should be

```c
#define EEL_USER(e) ((e) == eelUSER || (e) == eelPMEUSER || (e) == (eelPMEUSERSWITCH))
```

**Associated revisions**

Revision 242f9f63 - 07/01/2013 08:04 PM - Mark Abraham

Corrected definition of EEL_USER

Looks like a copy-paste typo occured at some point in the nbnxn development. EEL_USER is only used in runner.c, and only to issue a fatal error with user-supplied non-bonded potentials. That clearly should be not applicable to eelPMESWITCH.

Fixes #1289

Change-Id: l4e897c81ae81a920779dd29d7c52e8b8d238b45

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**History**

#1 - 06/24/2013 10:13 PM - Mark Abraham
- Description updated

#2 - 06/24/2013 10:14 PM - Mark Abraham
- Description updated

#3 - 06/26/2013 01:22 AM - Mark Abraham
- Status changed from New to Fix uploaded
- Assignee changed from Berk Hess to Mark Abraham

#4 - 07/17/2013 01:21 PM - Teemu Murtola
- Status changed from Fix uploaded to Resolved
- Affected version - extra info set to 4.6-4.6.2

Was fixed in [https://gerrit.gromacs.org/#/c/2459/](https://gerrit.gromacs.org/#/c/2459/) for 4.6.3 (not possible to set that target version any longer). For some reason, the commit wasn't linked here.

#5 - 08/13/2013 08:55 PM - Mark Abraham
- % Done changed from 0 to 100

Applied in changeset 242f96399333b6a913ff237a7074597e99656.

#6 - 10/16/2013 03:36 PM - Mark Abraham
- Status changed from Resolved to Closed
- Target version changed from 4.6.x to 4.6.4