# Gromacs - Bug #1138

sd integrator issues with OpenMP threading

02/06/2013 04:22 PM - Berk Hess

<table>
<thead>
<tr>
<th>Status</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority</td>
<td>High</td>
</tr>
<tr>
<td>Assignee</td>
<td>Berk Hess</td>
</tr>
<tr>
<td>Category</td>
<td>mdrun</td>
</tr>
<tr>
<td>Target version</td>
<td>4.6.1</td>
</tr>
<tr>
<td>Affected version</td>
<td>4.6</td>
</tr>
</tbody>
</table>

### Description

The sd integrator reallocates the same pointer on multiple OpenMP threads. This can lead to small errors in the integrator or a segmentation fault. This bug was introduced with the fix of #1121

### Associated revisions

**Revision fe27c346 - 02/06/2013 04:21 PM - Berk Hess**

fixed bug with sd integrator and OpenMP threading

This could cause small error in the integration or a segv.
This bug was introduced with d120c370
Fixes #1138

Change-Id: l4ae2c0c857cb68e796d01c5b2e0ea42beaf13d4a

---

**Revision a2be6564 - 02/28/2013 08:49 AM - Berk Hess**

fixed bug with sd integrator and OpenMP threading

This could cause small error in the integration or a segv.
This bug was introduced with d120c370
Fixes #1138

Change-Id: l4ae2c0c857cb68e796d01c5b2e0ea42beaf13d4a

---

**History**

#1 - 02/14/2013 02:04 PM - Berk Hess

- Status changed from New to Closed