

## GROMACS - Bug #243

### free of inappropriate pointer in gmx\_parallel\_3dfft\_destroy

10/29/2008 09:31 AM - Mark Abraham

<b>Status:</b>	Closed	<b>Difficulty:</b>	uncategorized
<b>Priority:</b>	Normal		
<b>Assignee:</b>	Erik Lindahl		
<b>Category:</b>	mdrun		
<b>Target version:</b>	4.0		
<b>Affected version - extra info:</b>			
<b>Affected version:</b>			

#### Description

In "gmx\_parallel\_3dfft\_destroy" in src/mdlib/gmx\_parallel\_3dfft.c on line 516 "free" is used to deallocate pfft\_setup->work which was formerly created with "malloc", but then subject to alignment constraint in "gmx\_parallel\_3dfft\_init". It correctly fails to deallocate pfft\_setup->work2, which was also "malloc"ed then aligned. To fix, remove line 516 containing the "free".

This function is never called, so it can't cause a problem right now.

#### History

#1 - 11/07/2008 01:37 PM - Erik Lindahl

Fixed. We now properly save the original pointers in the structure and free those instead.