

GROMACS - Bug #243

free of inappropriate pointer in gmx_parallel_3dfft_destroy

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

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

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.