

GROMACS - Task #1211

improve use of preprocessor macros in CUDA kernels

03/27/2013 01:14 PM - Szilárd Páll

Status:	New	
Priority:	Low	
Assignee:	Szilárd Páll	
Category:	mdrun	
Target version:	future	
Difficulty:	uncategorized	
Description		
With extensions and optimizations gradually added to the CUDA kernels the code became quite hard to read due to the following aspects: <ul style="list-style-type: none">- poorly documented <code>#ifdef</code>'s (especially no comment mark at closing <code>#endif</code>'s- use of catch-all <code>#else</code>- use of <code>#if X..#endif #if Y..#endif</code> instead of <code>#if X #elif Y #endif</code> when X and Y are anyway mutually exclusive. More concrete comments are on the gerrit page of change 2232 .		
Related issues:		
Related to GROMACS - Feature #1666: new approach for Verlet-scheme kernel gen...		New

History

#1 - 03/27/2013 04:25 PM - Mark Abraham

Thanks, good idea to note the future task

#2 - 01/08/2015 06:04 PM - Mark Abraham

- Related to Feature #1666: new approach for Verlet-scheme kernel generation added

#3 - 01/08/2015 06:05 PM - Mark Abraham

- Description updated

#4 - 01/12/2015 06:42 PM - Szilárd Páll

- Description updated