

## GROMACS - Bug #2430

### gmx trjconv gets invalid pointer if tpr is not provided

02/28/2018 02:27 PM - Viveca Lindahl

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> analysis tools	
<b>Target version:</b> 2019	
<b>Affected version - extra info:</b>	<b>Difficulty:</b> uncategorized
<b>Affected version:</b> 2018.1	
<b>Description</b> gmx trjconv -f traj_comp.xtc  results in an segmentation fault, presumably because it's being assumed that a tpr file has been provided while it is not necessarily. Adding "-s topol.tpr" avoids the error. As can be see in the valgrind output (attached) the error occurs in "done_top(t_topology*) (topology.cpp:176)"	
<b>Related issues:</b> Has duplicate GROMACS - Bug #2476: gmx trjconv segfaults when converting gro ... <b>Closed</b>	

#### Associated revisions

##### Revision 6a2e469b - 03/16/2018 09:59 PM - Paul Bauer

Only free topology when allocated

Fix trjconv so that the topology only gets free'd when it has been previously allocated.

Fixes #2430

Change-Id: ldc9a4219d988e1794ef86f7cc79f0d00750394ca

#### History

##### #1 - 02/28/2018 02:29 PM - Viveca Lindahl

- File *topol.tpr* added

here is the tpr I used, but it seems to be a general issue.

##### #2 - 03/14/2018 10:17 AM - Gerrit Code Review Bot

Gerrit received a related patchset '1' for Issue [#2430](#).

Uploader: Paul Bauer ([paul.bauer.q@gmail.com](mailto:paul.bauer.q@gmail.com))

Change-Id: gromacs~master~ldc9a4219d988e1794ef86f7cc79f0d00750394ca

Gerrit URL: <https://gerrit.gromacs.org/7678>

##### #3 - 03/16/2018 10:00 PM - Paul Bauer

- Status changed from *New* to *Resolved*

Applied in changeset [6a2e469b9df31e488338088e7dc2fd558602bd81](#).

##### #4 - 03/17/2018 12:14 AM - Mark Abraham

- Status changed from *Resolved* to *Closed*

- Target version set to 2019

##### #5 - 04/11/2018 01:16 PM - Viveca Lindahl

- Has duplicate Bug #2476: gmx trjconv segfaults when converting gro file to xtc when no tpr is given added

## Files

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valgrind-gmx-trjconv-no-tpr.log	33.8 KB	02/28/2018	Viveca Lindahl
topol.tpr	11.8 KB	02/28/2018	Viveca Lindahl