GROMACS - Bug #791

pdb2gmx race condition

08/16/2011 07:04 PM - Peter Kasson

Description

If atomtypes.atp ends in a blank line, the following loop in resall.c becomes infinite. It is called by pdb2gmx.

```c
while(!feof(in))
{
    /* Skip blank or comment-only lines */
    do
    {
        fgets2(buf,STRLEN,in);
        if (NULL != buf)
        {
            strip_comment(buf);
            trim(buf);
        }
    } while (NULL!=buf && strlen(buf)==0);

    if ((buf != NULL) && (sscanf(buf,"%s%lf",name,&m) == 2))
    {
        a->m = m;
        add_atomtype(at,tab,a,name,nb, 0 , 0.0 , 0.0 , 0.0 , 0.0 , 0.0 );
        fprintf(stderr,"Atomtype %d",nratt+1);
    }
}
```

Associated revisions

Revision 4bc6a0f2 - 08/22/2011 04:33 PM - Berk Hess
fixed possible infinite loop when reading atom types, fixes #791
Change-Id: If5ddcc0b5238cdfa625b1d85d05e1dabbe4eb32a

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Revision 6e998b8d - 08/23/2011 09:19 AM - Roland Schulz
Merge "fixed possible infinite loop when reading atom types, fixes #791" into release-4-5-patches

Revision 6e998b8d - 08/23/2011 09:19 AM - Roland Schulz
Merge "fixed possible infinite loop when reading atom types, fixes #791" into release-4-5-patches

History

#1 - 08/22/2011 04:39 PM - Berk Hess
- Status changed from New to Closed
- Target version changed from 4.5.4 to 4.5.5

I fixed this for 4.5.5.