On Fri, Jan 14, 2011 at 3:06 PM, Li Zefan <lizf@cn.fujitsu.com> wrote:
> Nick Piggin wrote:
> >> It looks like it is just a missing parent->child lock order annotation, but
> >> mainline cgroupfs code looks to be OK there. What does
> >> cgroup_clear_directory() look like in mmotm?
> >
> > It's not from cgroup_clear_directory()..
> >
> > This should fix it:
> 
> Yep, thanks!
>
> ===============
> > From: Li Zefan <lizf@cn.fujitsu.com>
> > Date: Fri, 14 Jan 2011 11:34:34 +0800
> > Subject: [PATCH] cgroups: Fix a lockdep warning at cgroup removal
> >
> > Commit 2fd6b7f5 ("fs: dcache scale subdirs") forgot to annotate a dentry
> > lock, which caused a lockdep warning.
> >
> > Reported-by: Valdis Kletnieks <Valdis.Kletnieks@vt.edu>
> > Signed-off-by: Li Zefan <lizf@cn.fujitsu.com>
> > ---
> > kernel/cgroup.c | 2 +-
> > 1 files changed, 1 insertions(+), 1 deletions(-)
> >
> > diff --git a/kernel/cgroup.c b/kernel/cgroup.c
> > index 5c5f4cc..db983e2 100644
> > --- a/kernel/cgroup.c
> > +++ b/kernel/cgroup.c
> > @@ -910,7 +910,7 @@ static void cgroup_d_remove_dir(struct dentry *dentry)
> > parent = dentry->d_parent;
> > spin_lock(&parent->d_lock);
> > spin_lock(&dentry->d_lock);
> > + spin_lock_nested(&dentry->d_lock, DENTRY_D_LOCK_NESTED);
> > list_del_init(&dentry->d_u.d_child);
> > spin_unlock(&dentry->d_lock);
> > spin_unlock(&parent->d_lock);
> > --
> > 1.7.3.1
> >