
Subject: [RFC][PATCH 3/3] Remove process_group() in autofs/autofs4
Posted by [Sukadev Bhattiprolu](#) on Thu, 25 Jan 2007 04:00:41 GMT
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Should we make this change or just continue using process_group() (and eventually modify it to return pid_nr(task_pgrp(tsk)).

If we want to make this change, I can merge this patch with the other autofs/autofs4 patches.

I think process_group() because is more readable but can cause some confusion with task_pgrp() at a quick glance.

From: Sukadev Bhattiprolu <sukadev@us.ibm.com>

Replace process_group(tsk) with pid_nr(task_pgrp(tsk)) in autofs and autofs4.

Signed-off-by: Sukadev Bhattiprolu <sukadev@us.ibm.com>

Cc: Cedric Le Goater <clg@fr.ibm.com>

Cc: Dave Hansen <haveblue@us.ibm.com>

Cc: Serge Hallyn <serue@us.ibm.com>

Cc: containers@lists.osdl.org

```
fs/autofs/inode.c | 2 +-
fs/autofs/root.c | 4 ++--
fs/autofs4/inode.c | 2 +-
fs/autofs4/root.c | 4 ++--
4 files changed, 6 insertions(+), 6 deletions(-)
```

Index: lx26-20-rc4-mm1/fs/autofs/root.c

```
=====
--- lx26-20-rc4-mm1.orig/fs/autofs/root.c 2007-01-24 18:39:20.834181944 -0800
+++ lx26-20-rc4-mm1/fs/autofs/root.c 2007-01-24 18:41:58.069278576 -0800
@@ -215,7 +215,7 @@ static struct dentry *autofs_root_lookup
    oz_mode = autofs_oz_mode(sbi);
    DPRINTK(("autofs_lookup: pid = %u, pgrp = %u, catatonic = %d, "
        "oz_mode = %d\n", pid_nr(task_pid(current)),
-   process_group(current), sbi->catatonic,
+   pid_nr(task_pgrp(current)), sbi->catatonic,
    oz_mode));

/*
@@ -537,7 +537,7 @@ static int autofs_root_ioctl(struct inode
    struct autofs_sb_info *sbi = autofs_sb_info(inode->i_sb);
    void __user *argp = (void __user *)arg;
```

```

- DPRINTK(("autofs_iocctl: cmd = 0x%08x, arg = 0x%08lx, sbi = %p, pgrp =
%u\n",cmd,arg,sbi,process_group(current)));
+ DPRINTK(("autofs_iocctl: cmd = 0x%08x, arg = 0x%08lx, sbi = %p, pgrp =
%u\n",cmd,arg,sbi,pid_nr(task_pgrp(current))));

    if ( _IOC_TYPE(cmd) != _IOC_TYPE(AUTOFS_IOC_FIRST) ||
        _IOC_NR(cmd) - _IOC_NR(AUTOFS_IOC_FIRST) >= AUTOFS_IOC_COUNT )
Index: lx26-20-rc4-mm1/fs/autofs4/root.c
=====
--- lx26-20-rc4-mm1.orig/fs/autofs4/root.c 2007-01-24 18:41:56.261553392 -0800
+++ lx26-20-rc4-mm1/fs/autofs4/root.c 2007-01-24 18:41:58.070278424 -0800
@@ -495,7 +495,7 @@ static struct dentry *autofs4_lookup(str
    oz_mode = autofs4_oz_mode(sbi);

    DPRINTK("pid = %u, pgrp = %u, catatonic = %d, oz_mode = %d",
-    pid_nr(task_pid(current)), process_group(current),
+    pid_nr(task_pid(current)), pid_nr(task_pgrp(current)),
    sbi->catatonic, oz_mode);

/*
@@ -829,7 +829,7 @@ static int autofs4_root_iocctl(struct ino
    void __user *p = (void __user *)arg;

    DPRINTK("cmd = 0x%08x, arg = 0x%08lx, sbi = %p, pgrp = %u",
-    cmd,arg,sbi,process_group(current));
+    cmd,arg,sbi,pid_nr(task_pgrp(current)));

    if ( _IOC_TYPE(cmd) != _IOC_TYPE(AUTOFS_IOC_FIRST) ||
        _IOC_NR(cmd) - _IOC_NR(AUTOFS_IOC_FIRST) >= AUTOFS_IOC_COUNT )
Index: lx26-20-rc4-mm1/fs/autofs/inode.c
=====
--- lx26-20-rc4-mm1.orig/fs/autofs/inode.c 2007-01-24 18:39:20.834181944 -0800
+++ lx26-20-rc4-mm1/fs/autofs/inode.c 2007-01-24 18:41:58.070278424 -0800
@@ -81,7 +81,7 @@ static int parse_options(char *options,

    *uid = current->uid;
    *gid = current->gid;
-    pgid = process_group(current);
+    pgid = pid_nr(task_pgrp(current));

    *minproto = *maxproto = AUTOFS_PROTO_VERSION;

Index: lx26-20-rc4-mm1/fs/autofs4/inode.c
=====
--- lx26-20-rc4-mm1.orig/fs/autofs4/inode.c 2007-01-24 18:41:56.261553392 -0800
+++ lx26-20-rc4-mm1/fs/autofs4/inode.c 2007-01-24 18:41:58.071278272 -0800
@@ -230,7 +230,7 @@ static int parse_options(char *options,

```

```
*uid = current->uid;
*gid = current->gid;
- pgid = process_group(current);
+ pgid = pid_nr(task_pgrp((current));

*minproto = AUTOFS_MIN_PROTO_VERSION;
*maxproto = AUTOFS_MAX_PROTO_VERSION;
```

Containers mailing list
Containers@lists.osdl.org
<https://lists.osdl.org/mailman/listinfo/containers>

Subject: Re: [RFC][PATCH 3/3] Remove process_group() in autofs/autofs4
Posted by [Cedric Le Goater](#) on Thu, 25 Jan 2007 15:34:39 GMT
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Sukadev Bhattiprolu wrote:

> Should we make this change or just continue using process_group() (and
> eventually modify it to return pid_nr(task_pgrp(tsk)).

that's what I would do.

C.

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Subject: Re: [RFC][PATCH 3/3] Remove process_group() in autofs/autofs4
Posted by [Cedric Le Goater](#) on Fri, 26 Jan 2007 14:44:31 GMT
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Cedric Le Goater wrote:

> Sukadev Bhattiprolu wrote:

>> Should we make this change or just continue using process_group() (and
>> eventually modify it to return pid_nr(task_pgrp(tsk)).

>

> that's what I would do.

i would modify it to return pid_nr(task_pgrp(tsk)).

sorry for the confusion :)

C.

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