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Subject: [PATCH v3, RESEND 01/16] sunrpc: mount rpc\_pipefs on initialization  
Posted by [Kirill A. Shutemov](#) on Tue, 08 Feb 2011 18:41:52 GMT

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Mount rpc\_pipefs on register\_rpc\_pipefs() and replace  
rpc\_get\_mount()/rpc\_put\_mount() implementation with mntget()/mntput().

This commit introduces temporary regression: there is no way to  
remove the module. It will be fixed at the end of the patchset.

Signed-off-by: Kirill A. Shutemov <kas@openvz.org>  
Reviewed-by: Rob Landley <rlandley@parallels.com>

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net/sunrpc/rpc\_pipe.c | 26 ++++++-----  
1 files changed, 15 insertions(+), 11 deletions(-)

diff --git a/net/sunrpc/rpc\_pipe.c b/net/sunrpc/rpc\_pipe.c  
index 72bc536..9ab9355 100644

--- a/net/sunrpc/rpc\_pipe.c

+++ b/net/sunrpc/rpc\_pipe.c

@ @ -29,7 +29,6 @ @

#include <linux/sunrpc/cache.h>

static struct vfsmount \*rpc\_mnt \_\_read\_mostly;

-static int rpc\_mount\_count;

static struct file\_system\_type rpc\_pipe\_fs\_type;

@ @ -423,18 +422,13 @ @ struct rpc\_filelist {

struct vfsmount \*rpc\_get\_mount(void)

{

- int err;

-

- err = simple\_pin\_fs(&rpc\_pipe\_fs\_type, &rpc\_mnt, &rpc\_mount\_count);

- if (err != 0)

- return ERR\_PTR(err);

- return rpc\_mnt;

+ return mntget(rpc\_mnt);

}

EXPORT\_SYMBOL\_GPL(rpc\_get\_mount);

void rpc\_put\_mount(void)

{

- simple\_release\_fs(&rpc\_mnt, &rpc\_mount\_count);

+ mntput(rpc\_mnt);

}

EXPORT\_SYMBOL\_GPL(rpc\_put\_mount);

```

@@ -1071,12 +1065,22 @@ int register_rpc_pipefs(void)
    if (!rpc_inode_cachep)
        return -ENOMEM;
    err = register_filesystem(&rpc_pipe_fs_type);
- if (err) {
-     kmem_cache_destroy(rpc_inode_cachep);
-     return err;
+ if (err)
+     goto destroy_cache;
+
+ rpc_mnt = kern_mount(&rpc_pipe_fs_type);
+ if (IS_ERR(rpc_mnt)) {
+     err = PTR_ERR(rpc_mnt);
+     goto unregister_fs;
+ }

    return 0;
+
+unregister_fs:
+ unregister_filesystem(&rpc_pipe_fs_type);
+destroy_cache:
+ kmem_cache_destroy(rpc_inode_cachep);
+ return err;
+ }

void unregister_rpc_pipefs(void)
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```

1.7.4

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Containers mailing list  
Containers@lists.linux-foundation.org  
<https://lists.linux-foundation.org/mailman/listinfo/containers>

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