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Subject: [PATCH 1/7] SUNRPC: create RPC pipefs superblock per network namespace context

Posted by [Stanislav Kinsbursky](#) on Fri, 28 Oct 2011 14:25:22 GMT

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This is the initial step of RPC pipefs virtualization. It changes nothing to current pipefs behaviour except that mount of pipefs in other than init\_net network namespace context will provide only root tree. No other dentries will be visible.

Signed-off-by: Stanislav Kinsbursky <[skinsbursky@parallels.com](mailto:skinsbursky@parallels.com)>

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net/sunrpc/rpc\_pipe.c | 3 ++-  
1 files changed, 2 insertions(+), 1 deletions(-)

diff --git a/net/sunrpc/rpc\_pipe.c b/net/sunrpc/rpc\_pipe.c

index b181e34..ad517bd 100644

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

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

@@ -1006,6 +1006,7 @@ rpc\_fill\_super(struct super\_block \*sb, void \*data, int silent)

{  
 struct inode \*inode;  
 struct dentry \*root;  
+ struct net \*net = data;

sb->s\_blocksize = PAGE\_CACHE\_SIZE;  
 sb->s\_blocksize\_bits = PAGE\_CACHE\_SHIFT;

@@ -1030,7 +1031,7 @@ static struct dentry \*

rpc\_mount(struct file\_system\_type \*fs\_type,  
 int flags, const char \*dev\_name, void \*data)

{  
- return mount\_single(fs\_type, flags, data, rpc\_fill\_super);  
+ return mount\_ns(fs\_type, flags, current->nsproxy->net\_ns, rpc\_fill\_super);  
}

static struct file\_system\_type rpc\_pipe\_fs\_type = {

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