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>

---
 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 = {