Subject: [PATCH 0/6] SUNPRC: cleanup PipeFS for network-namespace-aware users
Posted by Stanislav Kinsbursky on Tue, 22 Nov 2011 14:43:41 GMT
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This patch-set was created in context of clone of git
branch: git://git.linux-nfs.org/projects/trondmy/nfs-2.6.git.
tag: v3.1

This is cleanup precursor patch set. It's required for easier further
implementation of network-namespace-aware SUNRPC PipeFS pipes creators.
Generally, this patch set split SUNRPC PipeFS logic into two parts: working
with pipes (new rpc_pipe structure with link to PipeFS dentry) and
creating/destroying PipeFS dentries (old rpc_inode structure with link to
rpc_pipe).
With this patch-set kernel PipeFS pipes users initially creates
rpc_pipe data and then creates Pipefs dentries. Later these dentries will be
created in notifier callbacks on PipeFS mount event from user-space and in
network namespace operations for such modules like nfs and blocklayout.

The following series consists of:

Stanislav Kinsbursky (6):
    SUNRPC: replace inode lock with pipe lock for RPC PipeFS operations
    SUNRPC: split SUNPRC PipeFS pipe data and inode creation
    SUNRPC: cleanup PipeFS redundant RPC inode usage
    SUNPRC: cleanup RPC PipeFS pipes upcall interface
    SUNRPC: cleanup GSS pipes usage
    SUNRPC: split SUNPRC PipeFS dentry and private pipe data creation

 fs/nfs/blocklayout/blocklayout.c | 16 ++
 fs/nfs/blocklayout/blocklayout.h | 2
 fs/nfs/blocklayout/blocklayoutdev.c | 2
 fs/nfs/blocklayout/blocklayoutdm.c | 2
 fs/nfs/idmap.c | 28 +++-
 include/linux/sunrpc/rpc_pipe_fs.h | 20 ++-
 net/sunrpc/auth_gss/auth_gss.c | 130 ++++++++++--------
 net/sunrpc/rpc_pipe.c | 258 +++++++++++++++++----------------
 8 files changed, 262 insertions(+), 196 deletions(-)

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Signature