
Subject: [PATCH v3 00/16] make rpc_pipefs be mountable multiple time

Posted by [Kirill A. Shutemov](#) on Fri, 14 Jan 2011 13:48:58 GMT

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Prepare nfs/sunrpc stack to use multiple instances of rpc_pipefs.
Only for client for now.

It's step forward to get nfs work from container.

Changelog:

v3:

- rebase to the current Linus' tree (52cfd503ad)
- rework get_rpc_pipefs() once again;
- solve problem with rmmmod sunrpc moudle;
- free dns cache on killing rpc_pipefs superblock.

v2:

- one of rpc_create() calls was missed initially, fixed;
- change logic for get_rpc_pipefs(NULL);
- export get_rpc_pipefs() to be able to use from modules (tnx J. Bruce Field);
- change "From:" and "Signed-off-by:" addresses.

v1:

- initial revision of the patchset.

Kirill A. Shutemov (16):

sunrpc: mount rpc_pipefs on initialization
sunrpc: introduce init_rpc_pipefs
sunrpc: push init_rpc_pipefs up to rpc_create() callers
sunrpc: tag svc_serv with rpc_pipefs mount point
sunrpc: get rpc_pipefs mount point for svc_serv from callers
lockd: get rpc_pipefs mount point from callers
sunrpc: get rpc_pipefs mount point for rpcb_create[_local] from callers
sunrpc: tag pipefs field of cache_detail with rpc_pipefs mount point
sunrpc: introduce rpc_pipefs_add_destroy_cb()
nfs: per-rpc_pipefs dns cache
Export iterate_mounts symbol to be able to use from sunrpc module.
sunrpc: introduce get_rpc_pipefs()
nfs: introduce mount option 'rpcmount'
sunrpc: make rpc_pipefs be mountable multiple times
sunrpc: remove global init_rpc_pipefs
Rework get_rpc_pipefs and introduce put_rpc_pipefs()

fs/lockd/clntlock.c		8 +-
fs/lockd/host.c		15 ++-
fs/lockd/mon.c		13 ++-

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fs/lockd/svc.c          | 4 +-
fs/namespace.c          | 1 +
fs/nfs/cache_lib.c      | 18 +--
fs/nfs/cache_lib.h      | 3 +-
fs/nfs/callback.c       | 7 +-
fs/nfs/callback.h       | 3 +-
fs/nfs/client.c         | 45 ++++++-
fs/nfs/dns_resolve.c    | 137 ++++++++-----
fs/nfs/dns_resolve.h    | 15 +--
fs/nfs/inode.c          | 9 +--
fs/nfs/internal.h       | 10 ++-
fs/nfs/mount_clnt.c     | 1 +
fs/nfs/namespace.c      | 3 +-
fs/nfs/nfs4namespace.c  | 20 ++--
fs/nfs/super.c          | 20 +++
fs/nfsd/nfs4callback.c  | 5 +
fs/nfsd/nfssvc.c        | 20 +++-
include/linux/lockd/bind.h | 3 +-
include/linux/lockd/lockd.h | 4 +-
include/linux/nfs_fs_sb.h | 1 +
include/linux/sunrpc/cache.h | 9 +-
include/linux/sunrpc/clnt.h | 5 +-
include/linux/sunrpc/rpc_pipe_fs.h | 7 +-
include/linux/sunrpc/svc.h | 9 +-
net/sunrpc/cache.c       | 16 ++-
net/sunrpc/clnt.c        | 19 ++-
net/sunrpc/rpc_pipe.c    | 235 ++++++++-----
net/sunrpc/rpcb_clnt.c   | 19 ++-
net/sunrpc/svc.c         | 52 +++++--
32 files changed, 549 insertions(+), 187 deletions(-)

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1.7.3.4

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