
Subject: [PATCH v2 5/6] SUNRPC: remove RPC pipefs mount point manipulations from RPC clients code

Posted by [Stanislav Kinsbursky](#) on Wed, 11 Jan 2012 15:18:34 GMT

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v2:

1) Updated due to changes in the first patch of the series.

Now, with RPC pipefs mount notifications handling in RPC clients, we can remove mount point creation and destruction. RPC clients dentries will be created on PipeFS mount event and removed on umount event.

Signed-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>

net/sunrpc/clnt.c | 19 +++-----

1 files changed, 3 insertions(+), 16 deletions(-)

diff --git a/net/sunrpc/clnt.c b/net/sunrpc/clnt.c

index c89ceb8..e3ced30 100644

--- a/net/sunrpc/clnt.c

+++ b/net/sunrpc/clnt.c

@@ -109,17 +109,12 @@ static void __rpc_clnt_remove_pipedir(struct rpc_clnt *clnt)

static void rpc_clnt_remove_pipedir(struct rpc_clnt *clnt)

{

struct super_block *pipefs_sb;

- int put_mnt = 0;

pipefs_sb = rpc_get_sb_net(clnt->cl_xprt->xprt_net);

if (pipefs_sb) {

- if (clnt->cl_path.dentry)

- put_mnt = 1;

__rpc_clnt_remove_pipedir(clnt);

rpc_put_sb_net(clnt->cl_xprt->xprt_net);

}

- if (put_mnt)

- rpc_put_mount();

}

static struct dentry *rpc_setup_pipedir_sb(struct super_block *sb,

@@ -165,21 +160,13 @@ rpc_setup_pipedir(struct rpc_clnt *clnt, char *dir_name)

clnt->cl_path.dentry = NULL;

if (dir_name == NULL)

return 0;

-

- path.mnt = rpc_get_mount();

- if (IS_ERR(path.mnt))

- return PTR_ERR(path.mnt);

```
    pipefs_sb = rpc_get_sb_net(clnt->cl_xprt->xprt_net);
- if (!pipefs_sb) {
-   rpc_put_mount();
-   return -ENOENT;
- }
+ if (!pipefs_sb)
+   return 0;
    path.dentry = rpc_setup_pipedir_sb(pipefs_sb, clnt, dir_name);
    rpc_put_sb_net(clnt->cl_xprt->xprt_net);
- if (IS_ERR(path.dentry)) {
-   rpc_put_mount();
+ if (IS_ERR(path.dentry))
    return PTR_ERR(path.dentry);
- }
    clnt->cl_path = path;
    return 0;
}
```
