Subject: SUNRPC lients: Pipefs mount races
Posted by Stanislav Kinsbursky on Tue, 31 Jul 2012 11:02:30 GMT
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Hello, Trond.
I found one more race in SUNRPC PipeFS mount notification and clients creation.
Now the problem is in SUNRPC clients.
Races are shown below:

```
CPU#0      CPU#1
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nfs_create_rpc_client
  rpc_create
  rpc_new_client
  rpc_setup_pipedir (no sb)
    rpc_mount
    notifier_call(SUNRPC - clnt.c)
  rpc_register_client
nfs_idmap_new
nfs_mark_client_ready(NFS_CS_READY)
    notifier_call(NFS - idmap.c)
    __rpc_pipefs_event
    BUG_ON(cl_dentry == NULL)
```

How would you prefer to fix this?
Looks like we could either try to add SUNRPC client to the list before PipeFS
dentry creation or create the dentry for SUNRPC client from NFS code in
__rpc_pipefs_event() instead of BUG_ON.

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Best regards,
Stanislav Kinsbursky