Subject: [PATCH 1/4] SUNRPC: clear svc pools lists helper introduced
Posted by Stanislav Kinsbursky on Wed, 25 Jan 2012 13:47:09 GMT
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This patch moves removing of service transport from it's pools ready lists to
separated function. Also this clear is now done with list_for_each_entry_safe()
helper.
This is a precursor patch, which would be usefull with service shutdown in
network namespace context, introduced later in the series.

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---
 net/sunrpc/svc_xprt.c |   19 +++++++++++++------
 1 files changed, 13 insertions(+), 6 deletions(-)

```
diff --git a/net/sunrpc/svc_xprt.c b/net/sunrpc/svc_xprt.c
index de1e1a8..50bf7c1 100644
--- a/net/sunrpc/svc_xprt.c
+++ b/net/sunrpc/svc_xprt.c
@@ -932,26 +932,33 @@ static void svc_close_list(struct list_head *xprt_list)
  }
 }

-void svc_close_all(struct svc_serv *serv)
+static void svc_clear_pools(struct svc_serv *serv)
 {
  struct svc_pool *pool;
  struct svc_xprt *xprt;
  struct svc_xprt *tmp;
  int i;

- svc_close_list(&serv->sv_tempsocks);
- svc_close_list(&serv->sv_permsocks);
-
  for (i = 0; i < serv->sv_nrpools; i++) {
   pool = &serv->sv_pools[i];

   spin_lock_bh(&pool->sp_lock);
-  while (!list_empty(&pool->sp_sockets)) {
-   xprt = list_first_entry(&pool->sp_sockets, struct svc_xprt, xpt_ready);
+  list_for_each_entry_safe(xprt, tmp, &pool->sp_sockets, xpt_ready) {
    list_del_init(&xprt->xpt_ready);
   }
   spin_unlock_bh(&pool->sp_lock);
  }
+}
+
```

```
+void svc_close_all(struct svc_serv *serv)
+{
+ struct svc_xprt *xprt;
+ struct svc_xprt *tmp;
+
+ svc_close_list(&serv->sv_tempsocks);
+ svc_close_list(&serv->sv_permsocks);
+
+ svc_clear_pools(serv);
  /*
   * At this point the sp_sockets lists will stay empty, since
   * svc_enqueue will not add new entries without taking the
```