Subject: [PATCH 2.6.25] [NEIGH] Make /proc/net/arp opening consistent with seq_net_open semantics
Posted by den on Thu, 10 Jan 2008 11:29:08 GMT
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seq_open_net requires that first field of the seq->private data to be
struct seq_net_private. In reality this is a single pointer to a struct net
for now. The patch makes code consistent.

Signed-off-by: Denis V. Lunev <den@openvz.org>

```
diff --git a/include/net/neighbour.h b/include/net/neighbour.h
index a9dda29..09f9fc6 100644
--- a/include/net/neighbour.h
+++ b/include/net/neighbour.h
@@ -223,7 +223,7 @@ extern void __neigh_for_each_release(struct neigh_table *tbl, int
(*cb)(struct n
 extern void pneigh_for_each(struct neigh_table *tbl, void (*cb)(struct pneigh_entry *));

 struct neigh_seq_state {
- struct net *net;
+ struct seq_net_private p;
  struct neigh_table *tbl;
  void *(*neigh_sub_iter)(struct neigh_seq_state *state,
     struct neighbour *n, loff_t *pos);
diff --git a/net/core/neighbour.c b/net/core/neighbour.c
index 8024933..19c0dd1 100644
--- a/net/core/neighbour.c
+++ b/net/core/neighbour.c
@@ -2142,7 +2142,7 @@ EXPORT_SYMBOL(__neigh_for_each_release);
 static struct neighbour *neigh_get_first(struct seq_file *seq)
 {
  struct neigh_seq_state *state = seq->private;
- struct net *net = state->net;
+ struct net *net = state->p.net;
  struct neigh_table *tbl = state->tbl;
  struct neighbour *n = NULL;
  int bucket = state->bucket;
@@ -2183,7 +2183,7 @@ static struct neighbour *neigh_get_next(struct seq_file *seq,
      loff_t *pos)
 {
  struct neigh_seq_state *state = seq->private;
- struct net *net = state->net;
+ struct net *net = state->p.net;
  struct neigh_table *tbl = state->tbl;
```

```
  if (state->neigh_sub_iter) {
@@ -2243,7 +2243,7 @@ static struct neighbour *neigh_get_idx(struct seq_file *seq, loff_t *pos)
 static struct pneigh_entry *pneigh_get_first(struct seq_file *seq)
 {
  struct neigh_seq_state *state = seq->private;
- struct net * net = state->net;
+ struct net * net = state->p.net;
  struct neigh_table *tbl = state->tbl;
  struct pneigh_entry *pn = NULL;
  int bucket = state->bucket;
@@ -2266,7 +2266,7 @@ static struct pneigh_entry *pneigh_get_next(struct seq_file *seq,
         loff_t *pos)
 {
  struct neigh_seq_state *state = seq->private;
- struct net * net = state->net;
+ struct net * net = state->p.net;
  struct neigh_table *tbl = state->tbl;

  pn = pn->next;
```

Subject: Re: [PATCH 2.6.25] [NEIGH] Make /proc/net/arp opening consistent with seq_net_open semantics
Posted by davem on Thu, 10 Jan 2008 11:53:37 GMT
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From: "Denis V. Lunev" <den@openvz.org>
Date: Thu, 10 Jan 2008 14:32:19 +0300

> seq_open_net requires that first field of the seq->private data to be
> struct seq_net_private. In reality this is a single pointer to a struct net
> for now. The patch makes code consistent.
>
> Signed-off-by: Denis V. Lunev <den@openvz.org>

Applied, thanks for correcting this.
