
Subject: [PATCH 2/5] Relax the reference counting of init_net_ns
Posted by [Pavel Emelianov](#) on Wed, 31 Oct 2007 18:23:25 GMT
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When the CONFIG_NET_NS is n there's no need in refcounting
the initial net namespace. So relax this code by making a
stupid stubs for the "n" case.

Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

```
diff --git a/include/net/net_namespace.h b/include/net/net_namespace.h
index 5279466..1fd449a 100644
--- a/include/net/net_namespace.h
+++ b/include/net/net_namespace.h
@@ -51,13 +51,12 @@ static inline struct net *copy_net_ns(unsigned long flags, struct net
 *net_ns)
 }
#endif

#ifdef CONFIG_NET_NS
extern void __put_net(struct net *net);

static inline struct net *get_net(struct net *net)
{
#ifdef CONFIG_NET
    atomic_inc(&net->count);
#endif
    return net;
}

@@ -75,26 +74,44 @@ static inline struct net *maybe_get_net(struct net *net)

static inline void put_net(struct net *net)
{
#ifdef CONFIG_NET
    if (atomic_dec_and_test(&net->count))
        __put_net(net);
#endif
}

static inline struct net *hold_net(struct net *net)
{
#ifdef CONFIG_NET
    atomic_inc(&net->use_count);
#endif
    return net;
```

```

}

static inline void release_net(struct net *net)
{
-#ifdef CONFIG_NET
    atomic_dec(&net->use_count);
-#endif
}
+##else
+static inline struct net *get_net(struct net *net)
+{
+ return net;
+}
+
+static inline void put_net(struct net *net)
+{
+}
+
+static inline struct net *hold_net(struct net *net)
+{
+ return net;
+}
+
+static inline void release_net(struct net *net)
+{
+}
+
+static inline struct net *maybe_get_net(struct net *net)
+{
+ return net;
+}
+##endif

```

```

#define for_each_net(VAR) \
    list_for_each_entry(VAR, &net_namespace_list, list)
--

```

1.5.3.4
