
Subject: [PATCH][UNIX] Move the unix sock iterators in to proper place

Posted by [Pavel Emelianov](#) on Thu, 22 Nov 2007 13:22:30 GMT

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The first_unix_socket() and next_unix_sockets() are now used in proc file and in forall_unix_sockets macro only.

The forall_unix_sockets is not used in this file at all so remove it. After this move the helpers to where they really belong, i.e. closer to proc code under the #ifdef CONFIG_PROC_FS option.

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

```
diff --git a/net/unix/af_unix.c b/net/unix/af_unix.c
```

```
index 6be6d87..b62a271 100644
```

```
--- a/net/unix/af_unix.c
```

```
+++ b/net/unix/af_unix.c
```

```
@@ -127,32 +127,6 @@ static atomic_t unix_nr_socks = ATOMIC_INIT(0);
```

```
#define UNIX_ABSTRACT(sk) (unix_sk(sk)->addr->hash != UNIX_HASH_SIZE)
```

```
-static struct sock *first_unix_socket(int *i)
```

```
-{
```

```
- for (*i = 0; *i <= UNIX_HASH_SIZE; (*i)++) {
```

```
- if (!hlist_empty(&unix_socket_table[*i]))
```

```
- return __sk_head(&unix_socket_table[*i]);
```

```
- }
```

```
- return NULL;
```

```
-}
```

```
-
```

```
-static struct sock *next_unix_socket(int *i, struct sock *s)
```

```
-{
```

```
- struct sock *next = sk_next(s);
```

```
- /* More in this chain? */
```

```
- if (next)
```

```
- return next;
```

```
- /* Look for next non-empty chain. */
```

```
- for ((*i)++; *i <= UNIX_HASH_SIZE; (*i)++) {
```

```
- if (!hlist_empty(&unix_socket_table[*i]))
```

```
- return __sk_head(&unix_socket_table[*i]);
```

```
- }
```

```
- return NULL;
```

```
-}
```

```
-
```

```
-#define forall_unix_sockets(i, s) \
```

```

- for (s = first_unix_socket(&(i)); s; s = next_unix_socket(&(i),(s)))
-
#ifdef CONFIG_SECURITY_NETWORK
static void unix_get_secdata(struct scm_cookie *scm, struct sk_buff *skb)
{
@@ -2010,6 +1984,29 @@ static unsigned int unix_poll(struct file * file, struct socket *sock,
poll_tabl

#ifdef CONFIG_PROC_FS
+static struct sock *first_unix_socket(int *i)
+{
+ for (*i = 0; *i <= UNIX_HASH_SIZE; (*i)++) {
+ if (!hlist_empty(&unix_socket_table[*i]))
+ return __sk_head(&unix_socket_table[*i]);
+ }
+ return NULL;
+}
+
+static struct sock *next_unix_socket(int *i, struct sock *s)
+{
+ struct sock *next = sk_next(s);
+ /* More in this chain? */
+ if (next)
+ return next;
+ /* Look for next non-empty chain. */
+ for ((*i)++; *i <= UNIX_HASH_SIZE; (*i)++) {
+ if (!hlist_empty(&unix_socket_table[*i]))
+ return __sk_head(&unix_socket_table[*i]);
+ }
+ return NULL;
+}
+
struct unix_iter_state {
    struct seq_net_private p;
    int i;

```

Subject: Re: [PATCH][UNIX] Move the unix sock iterators in to proper place
Posted by [Herbert Xu](#) on Fri, 23 Nov 2007 12:30:36 GMT

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On Thu, Nov 22, 2007 at 04:22:30PM +0300, Pavel Emelyanov wrote:

> The first_unix_socket() and next_unix_sockets() are now used
> in proc file and in forall_unix_sockets macro only.

>

> The forall_unix_sockets is not used in this file at all so
> remove it. After this move the helpers to where they really

> belong, i.e. closer to proc code under the `#ifdef CONFIG_PROC_FS`
> option.
>
> Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

Patch applied. Thanks Pavel!

--

Visit Openswan at <http://www.openswan.org/>
Email: Herbert Xu ~{PmV>Hl~} <herbert@gondor.apana.org.au>
Home Page: <http://gondor.apana.org.au/~herbert/>
PGP Key: <http://gondor.apana.org.au/~herbert/pubkey.txt>

Subject: Re: [PATCH][UNIX] Move the unix sock iterators in to proper place
Posted by [Pavel Emelianov](#) on Fri, 23 Nov 2007 13:10:08 GMT
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Herbert Xu wrote:

> On Thu, Nov 22, 2007 at 04:22:30PM +0300, Pavel Emelyanov wrote:
>> The `first_unix_socket()` and `next_unix_sockets()` are now used
>> in proc file and in `forall_unix_socets` macro only.
>>
>> The `forall_unix_sockets` is not used in this file at all so
>> remove it. After this move the helpers to where they really
>> belong, i.e. closer to proc code under the `#ifdef CONFIG_PROC_FS`
>> option.
>>
>> Signed-off-by: Pavel Emelyanov <xemul@openvz.org>
>
> Patch applied. Thanks Pavel!

I'm afraid to become importunate, but is the net-2.6 (not 25)
tree is currently the David's tree (unlike net-2.6.25, which
has temporary switched to your one)?

Thanks,
Pavel

Subject: Re: [PATCH][UNIX] Move the unix sock iterators in to proper place
Posted by [Herbert Xu](#) on Fri, 23 Nov 2007 13:37:12 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Fri, Nov 23, 2007 at 04:10:08PM +0300, Pavel Emelyanov wrote:
>
> I'm afraid to become importunate, but is the net-2.6 (not 25)
> tree is currently the David's tree (unlike net-2.6.25, which

> has temporary switched to your one)?

I'm about to do a push soon which will create net-2.6 in the same place as my net-2.6.25 tree.

Cheers,

--

Visit Openswan at <http://www.openswan.org/>

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Home Page: <http://gondor.apana.org.au/~herbert/>

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