
Subject: [PATCH 2.6.25] net: removes unnecessary dependencies for

net_namespace.h

Posted by [den](#) on Mon, 03 Dec 2007 09:11:20 GMT

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This patch removes some unneeded includes for net_namespace.h to speed up compilation.

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

```
diff --git a/include/net/pkt_cls.h b/include/net/pkt_cls.h
```

```
index f285de6..28b7f25 100644
```

```
--- a/include/net/pkt_cls.h
```

```
+++ b/include/net/pkt_cls.h
```

```
@@ -2,7 +2,6 @@
```

```
#define __NET_PKT_CLS_H
```

```
#include <linux/pkt_cls.h>
```

```
-#include <net/net_namespace.h>
```

```
#include <net/sch_generic.h>
```

```
#include <net/act_api.h>
```

```
diff --git a/include/net/sock.h b/include/net/sock.h
```

```
index 43e3cd9..a04e361 100644
```

```
--- a/include/net/sock.h
```

```
+++ b/include/net/sock.h
```

```
@@ -57,7 +57,6 @@
```

```
#include <asm/atomic.h>
```

```
#include <net/dst.h>
```

```
#include <net/checksum.h>
```

```
-#include <net/net_namespace.h>
```

```
/*
```

```
 * This structure really needs to be cleaned up.
```

```
@@ -95,6 +94,7 @@ typedef struct {
```

```
    struct sock;
```

```
    struct proto;
```

```
+struct net;
```

```
/**
```

```
 * struct sock_common - minimal network layer representation of sockets
```

Subject: Re: [PATCH 2.6.25] net: removes unnecessary dependencies for

net_namespace.h

Posted by [ebiederm](#) on Mon, 03 Dec 2007 11:56:01 GMT

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"Denis V. Lunev" <den@openvz.org> writes:

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> compilation.
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> Signed-off-by: Denis V. Lunev <den@openvz.org>
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> @@ -2,7 +2,6 @@
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>
> #include <linux/pkt_cls.h>
> -#include <net/net_namespace.h>
> #include <net/sch_generic.h>
> #include <net/act_api.h>
```

What of `tcf_match_indev`? I guess `linux/netdevice.h` brings it in for us but still.

```
> diff --git a/include/net/sock.h b/include/net/sock.h
> index 43e3cd9..a04e361 100644
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> #include <asm/atomic.h>
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> #include <net/checksum.h>
> -#include <net/net_namespace.h>
>
> /*
> * This structure really needs to be cleaned up.
> @@ -95,6 +94,7 @@
>     @@@@ typedef struct {
>
>         struct sock;
>         struct proto;
>         +struct net;
>
> /**
> * struct sock_common - minimal network layer representation of sockets
```

This hunk definitely looks sane.

Eric

Subject: Re: [PATCH 2.6.25] net: removes unnecessary dependencies for

net_namespace.h

Posted by [den](#) on Mon, 03 Dec 2007 12:08:59 GMT

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you right, how about this?

Eric W. Biederman wrote:

> "Denis V. Lunev" <den@openvz.org> writes:

```
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>> @@ -2,7 +2,6 @@
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>> #include <linux/pkt_cls.h>
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>> struct proto;
>> +struct net;
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```

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>
> Eric
>
>

diff --git a/include/net/pkt_cls.h b/include/net/pkt_cls.h
index f285de6..2eaf204 100644
--- a/include/net/pkt_cls.h
+++ b/include/net/pkt_cls.h
@@ -2,7 +2,6 @@
#define __NET_PKT_CLS_H

#include <linux/pkt_cls.h>
-#include <net/net_namespace.h>
#include <net/sch_generic.h>
#include <net/act_api.h>

@@ -336,6 +335,8 @@ static inline int tcf_valid_offset(const struct sk_buff *skb,
}

#endif CONFIG_NET_CLS_IND
+#include <net/net_namespace.h>
+
static inline int
tcf_change_indev(struct tcf_proto *tp, char *indev, struct rtattr *indev_tlv)
{

diff --git a/include/net/sock.h b/include/net/sock.h
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/*
 * This structure really needs to be cleaned up.
@@ -95,6 +94,7 @@ typedef struct {

struct sock;
struct proto;
+struct net;

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/**  
 * struct sock_common - minimal network layer representation of sockets
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Subject: Re: [PATCH 2.6.25] net: removes unnecessary dependencies for
net_namespace.h

Posted by [ebiederm](#) on Mon, 03 Dec 2007 17:03:50 GMT

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Looks good to me.

Acked-by: "Eric W. Biederman" <ebiederm@xmission.com>

Eric

"Denis V. Lunev" <den@sw.ru> writes:

```
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> #include <linux/pkt_cls.h>
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> #include <net/sch_generic.h>
> #include <net/act_api.h>
>
> @@ -336,6 +335,8 @@ static inline int tcf_valid_offset(const struct sk_buff
> *skb,
> }
>
> #ifdef CONFIG_NET_CLS_IND
> +#include <net/net_namespace.h>
> +
> static inline int
> tcf_change_indev(struct tcf_proto *tp, char *indev, struct rtattr *indev_tlv)
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