
Subject: [PATCH 4/4] userns: uts and ipc: fix checkpatch warning

Posted by [serge](#) on Mon, 21 Feb 2011 04:05:27 GMT

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As pointed out by Andrew Morton (and checkpatch), init/version.c (and ipc/msgutil.c) should not have an extern declaration for init_user_ns. Instead, move those to ipc_namespace.h and utsname.h.

Signed-off-by: Serge E. Hallyn <serge.hallyn@canonical.com>

```
include/linux/ipc_namespace.h | 3 ++-
include/linux/utsname.h      | 1 +
init/version.c               | 1 -
ipc/msgutil.c                | 2 --
4 files changed, 3 insertions(+), 4 deletions(-)
```

```
diff --git a/include/linux/ipc_namespace.h b/include/linux/ipc_namespace.h
```

```
index 9974429..ebd4a93 100644
```

```
--- a/include/linux/ipc_namespace.h
```

```
+++ b/include/linux/ipc_namespace.h
```

```
@@ -15,6 +15,8 @@
```

```
#define IPCNS_CALLBACK_PRI 0
```

```
+struct user_namespace;
```

```
+extern struct user_namespace init_user_ns;
```

```
struct ipc_ids {
```

```
    int in_use;
```

```
@@ -24,7 +26,6 @@ struct ipc_ids {
```

```
    struct idr ipcs_idr;
```

```
};
```

```
-struct user_namespace;
```

```
struct ipc_namespace {
```

```
    atomic_t count;
```

```
    struct ipc_ids ids[3];
```

```
diff --git a/include/linux/utsname.h b/include/linux/utsname.h
```

```
index 165b17b..69957ca 100644
```

```
--- a/include/linux/utsname.h
```

```
+++ b/include/linux/utsname.h
```

```
@@ -38,6 +38,7 @@ struct new_utsname {
```

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

```
struct user_namespace;
```

```
+extern struct user_namespace init_user_ns;
```

```
struct uts_namespace {
```

```

    struct kref kref;
diff --git a/init/version.c b/init/version.c
index 97bb86f..86fe0cc 100644
--- a/init/version.c
+++ b/init/version.c
@@ -21,7 +21,6 @@ extern int version_string(LINUX_VERSION_CODE);
int version_string(LINUX_VERSION_CODE);
#endif

-extern struct user_namespace init_user_ns;
struct uts_namespace init_uts_ns = {
    .kref = {
        .refcount = ATOMIC_INIT(2),
diff --git a/ipc/msgutil.c b/ipc/msgutil.c
index d91ff4b..8b5ce5d 100644
--- a/ipc/msgutil.c
+++ b/ipc/msgutil.c
@@ -20,8 +20,6 @@

DEFINE_SPINLOCK(mq_lock);

-extern struct user_namespace init_user_ns;
-
/*
 * The next 2 defines are here bc this is the only file
 * compiled when either CONFIG_SYSVIPC and CONFIG_POSIX_MQUEUE
--
1.7.0.4

```

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