Subject: [PATCH -net 2/2] Put proc_net_create() on death row
Posted by Alexey Dobriyan on Tue, 06 Nov 2007 12:23:50 GMT
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proc_net_create() stands on the way of shrinking the number of
interfaces one can use for /proc files, namely, it uses ->get_info
hook which will be converted, deprecated and deleted on its own
schedule.

Signed-off-by: Alexey Dobriyan <adobriyan@sw.ru>

 Documentation/feature-removal-schedule.txt | 9 +++++++++
 include/linux/proc_fs.h | 8 ++++++--
 2 files changed, 15 insertions(+), 2 deletions(-)

--- a/Documentation/feature-removal-schedule.txt
+++ b/Documentation/feature-removal-schedule.txt
@@ -130,6 +130,15 @@ Who: Christoph Hellwig <hch@lst.de>

+What: proc_net_create()
+When: 2.6.25
+Why: proc_net_create() stands on the way of shrinking the number of
+ interfaces one can use for /proc files, namely, it uses ->get_info
+ hook which will be deleted later.
+Who: Alexey Dobriyan <adobriyan@gmail.com>
+
+---------------------------
+
 What: CONFIG_FORCED_INLINING
 When: June 2006
 Why: Config option is there to see if gcc is good enough. (in january
--- a/include/linux/proc_fs.h
+++ b/include/linux/proc_fs.h
@@ -196,7 +196,7 @@ static inline struct proc_dir_entry *create_proc_info_entry(const char
*name,
  return res;
 }

-extern struct proc_dir_entry *proc_net_create(struct net *net,
+extern __deprecated struct proc_dir_entry *proc_net_create(struct net *net,
  const char *name, mode_t mode, get_info_t *get_info);
 extern struct proc_dir_entry *proc_net_fops_create(struct net *net,
  const char *name, mode_t mode, const struct file_operations *fops);
@@ -208,7 +208,11 @@ extern void proc_net_remove(struct net *net, const char *name);
 #define proc_bus NULL

```
 #define proc_net_fops_create(net, name, mode, fops)  ({ (void)(mode), NULL; })
-#define proc_net_create(net, name, mode, info) ({ (void)(mode), NULL; })
+static inline __deprecated struct proc_dir_entry *proc_net_create(
+ struct net *net, const char *name, mode_t mode, get_info_t *get_info)
+{
+ return NULL;
+}
 static inline void proc_net_remove(struct net *net, const char *name) {}

 static inline void proc_flush_task(struct task_struct *task)
```

Subject: Re: [PATCH -net 2/2] Put proc_net_create() on death row
Posted by davem on Tue, 06 Nov 2007 13:28:23 GMT
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From: Alexey Dobriyan <adobriyan@sw.ru>
Date: Tue, 6 Nov 2007 15:23:50 +0300

> proc_net_create() stands on the way of shrinking the number of
> interfaces one can use for /proc files, namely, it uses ->get_info
> hook which will be converted, deprecated and deleted on its own
> schedule.
>
> Signed-off-by: Alexey Dobriyan <adobriyan@sw.ru>

Applied.

Subject: Re: [PATCH -net 2/2] Put proc_net_create() on death row
Posted by Christoph Hellwig on Tue, 06 Nov 2007 13:32:24 GMT
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On Tue, Nov 06, 2007 at 03:23:50PM +0300, Alexey Dobriyan wrote:
> proc_net_create() stands on the way of shrinking the number of
> interfaces one can use for /proc files, namely, it uses ->get_info
> hook which will be converted, deprecated and deleted on its own
> schedule.

It's just a trivial helper, so please just remove it once you've
converted all users.
