
Subject: [PATCH 52/59] sysctl: Create sys/fs/binfmt_misc as an ordinary sysctl entry

Posted by [ebiederm](#) on Tue, 16 Jan 2007 16:39:57 GMT

[View Forum Message](#) <> [Reply to Message](#)

From: Eric W. Biederman <ebiederm@xmission.com> - unquoted

binfmt_misc has a mount point in the middle of the sysctl and that mount point is created as a proc_generic directory.

Doing it that way gets in the way of cleaning up the sysctl proc support as it continues the existence of a horrible hack. So instead simply create the directory as an ordinary sysctl directory. At least that removes the magic special case.

Signed-off-by: Eric W. Biederman <ebiederm@xmission.com>

```
fs/proc/root.c |  4 ----  
kernel/sysctl.c | 13 +++++++  
2 files changed, 13 insertions(+), 4 deletions(-)
```

```
diff --git a/fs/proc/root.c b/fs/proc/root.c  
index 64d242b..8059e92 100644  
--- a/fs/proc/root.c  
+++ b/fs/proc/root.c  
@@ -74,10 +74,6 @@ void __init proc_root_init(void)  
#ifdef CONFIG_SYSCTL  
    proc_sys_root = proc_mkdir("sys", NULL);  
#endif  
-#if defined(CONFIG_BINFMT_MISC) || defined(CONFIG_BINFMT_MISC_MODULE)  
- proc_mkdir("sys/fs", NULL);  
- proc_mkdir("sys/fs/binfmt_misc", NULL);  
#endif  
    proc_root_fs = proc_mkdir("fs", NULL);  
    proc_root_driver = proc_mkdir("driver", NULL);  
    proc_mkdir("fs/nfsd", NULL); /* somewhere for the nfsd filesystem to be mounted */  
diff --git a/kernel/sysctl.c b/kernel/sysctl.c  
index 6e2e608..8da6647 100644  
--- a/kernel/sysctl.c  
+++ b/kernel/sysctl.c  
@@ -142,6 +142,7 @@ static struct ctl_table_header root_table_header =  
static ctl_table kern_table[];  
static ctl_table vm_table[];  
static ctl_table fs_table[];  
+static ctl_table binfmt_misc_table[];  
static ctl_table debug_table[];  
static ctl_table dev_table[];  
extern ctl_table random_table[];
```

```
@@ -1001,6 +1002,18 @@ static ctl_table fs_table[] = {
     .mode = 0644,
     .proc_handler = &proc_dointvec,
 },
+#+if defined(CONFIG_BINFMT_MISC) || defined(CONFIG_BINFMT_MISC_MODULE)
+{
+    .ctl_name = CTL_UNNUMBERED,
+    .procname = "binfmt_misc",
+    .mode = 0555,
+    .child = binfmt_misc_table,
+},
+#+endif
+{ .ctl_name = 0 }
+};
+
+static ctl_table binfmt_misc_table[] = {
{ .ctl_name = 0 }
};
```

--
1.4.4.1.g278f

Containers mailing list
Containers@lists.osdl.org
<https://lists.osdl.org/mailman/listinfo/containers>
