
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>
