
Subject: [PATCH 37/59] sysctl: C99 convert arch/sh64/kernel/traps.c and remove ABI breakage.

Posted by [ebiederm](#) on Tue, 16 Jan 2007 16:39:42 GMT

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

While doing the C99 conversion I noticed that the top level sh64 directory was using the binary number for CTL_KERN. That is a no-no so I removed the support for the sysctl binary interface only leaving sysctl /proc support.

At least the sysctl tables were placed at the end of the list so user space did not see this mistake.

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

arch/sh64/kernel/traps.c | 49 ++++++-----
1 files changed, 38 insertions(+), 11 deletions(-)

diff --git a/arch/sh64/kernel/traps.c b/arch/sh64/kernel/traps.c

index 224b7f5..02cca74 100644

--- a/arch/sh64/kernel/traps.c

+++ b/arch/sh64/kernel/traps.c

@@ -910,25 +910,52 @@ static int misaligned_fixup(struct pt_regs *regs)
{

```
static ctl_table unaligned_table[] = {  
- {1, "kernel_reports", &kernel_mode_unaligned_fixup_count,  
-  sizeof(int), 0644, NULL, &proc_dointvec},  
+ {  
+  .ctl_name = CTL_UNNUMBERED,  
+  .procname = "kernel_reports",  
+  .data = &kernel_mode_unaligned_fixup_count,  
+  .maxlen = sizeof(int),  
+  .mode = 0644,  
+  .proc_handler = &proc_dointvec  
+ },  
#if defined(CONFIG_SH64_USER_MISALIGNED_FIXUP)  
- {2, "user_reports", &user_mode_unaligned_fixup_count,  
-  sizeof(int), 0644, NULL, &proc_dointvec},  
- {3, "user_enable", &user_mode_unaligned_fixup_enable,  
-  sizeof(int), 0644, NULL, &proc_dointvec},  
+ {  
+  .ctl_name = CTL_UNNUMBERED,  
+  .procname = "user_reports",  
+  .data = &user_mode_unaligned_fixup_count,  
+  .maxlen = sizeof(int),
```

```

+ .mode = 0644,
+ .proc_handler = &proc_dointvec
+ },
+ {
+ .ctl_name = CTL_UNNUMBERED,
+ .procname = "user_enable",
+ .data = &user_mode_unaligned_fixup_enable,
+ .maxlen = sizeof(int),
+ .mode = 0644,
+ .proc_handler = &proc_dointvec},
+ #endif
- {0}
+ {}
};

static ctl_table unaligned_root[] = {
- {1, "unaligned_fixup", NULL, 0, 0555, unaligned_table},
- {0}
+ {
+ .ctl_name = CTL_UNNUMBERED,
+ .procname = "unaligned_fixup",
+ .mode = 0555,
+ unaligned_table
+ },
+ {}
};

static ctl_table sh64_root[] = {
- {1, "sh64", NULL, 0, 0555, unaligned_root},
- {0}
+ {
+ .ctl_name = CTL_UNNUMBERED,
+ .procname = "sh64",
+ .mode = 0555,
+ .child = unaligned_root
+ },
+ {}
};
static struct ctl_table_header *sysctl_header;
static int __init init_sysctl(void)
--
1.4.4.1.g278f

```

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