
Subject: [PATCH 46/59] sysctl: C99 convert coda ctl_tables and remove binary sysctls.

Posted by [ebiederm](#) on Tue, 16 Jan 2007 16:39:51 GMT

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

Will converting the coda sysctl initializers I discovered that it is yet another user of sysctl that was stomping CTL_KERN. So off with it's sys_sysctl support since it wasn't done in a supportable way.

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

fs/coda/sysctl.c | 58 ++++++-----
1 files changed, 48 insertions(+), 10 deletions(-)

diff --git a/fs/coda/sysctl.c b/fs/coda/sysctl.c

index 1c82e9a..df682e2 100644

--- a/fs/coda/sysctl.c

+++ b/fs/coda/sysctl.c

@@ -32,8 +32,6 @@

```
static struct ctl_table_header *fs_table_header;
```

```

#define FS_CODA      1      /* Coda file system */

```

```

#define CODA_TIMEOUT  3      /* timeout on upcalls to become intrblle */

```

```

#define CODA_HARD     5      /* mount type "hard" or "soft" */

```

```

#define CODA_VFS      6      /* vfs statistics */

```

```

@@ -184,17 +182,57 @@ static int coda_cache_inv_stats_get_info( char * buffer, char ** start,
}

```

```

static ctl_table coda_table[] = {

```

```

- {CODA_TIMEOUT, "timeout", &coda_timeout, sizeof(int), 0644, NULL, &proc_dointvec},

```

```

- {CODA_HARD, "hard", &coda_hard, sizeof(int), 0644, NULL, &proc_dointvec},

```

```

- {CODA_VFS, "vfs_stats", NULL, 0, 0644, NULL, &do_reset_coda_vfs_stats},

```

```

- {CODA_CACHE_INV, "cache_inv_stats", NULL, 0, 0644, NULL,

```

```

&do_reset_coda_cache_inv_stats},

```

```

- {CODA_FAKE_STATFS, "fake_statfs", &coda_fake_statfs, sizeof(int), 0600, NULL,

```

```

&proc_dointvec},

```

```

- { 0 }

```

```

+ {

```

```

+ .ctl_name = CTL_UNNUMBERED,

```

```

+ .procname = "timeout",

```

```

+ .data = &coda_timeout,

```

```

+ .maxlen = sizeof(int),

```

```

+ .mode = 0644,

```

```

+ .proc_handler = &proc_dointvec
+ },
+ {
+ .ctl_name = CTL_UNNUMBERED,
+ .procname = "hard",
+ .data = &coda_hard,
+ .maxlen = sizeof(int),
+ .mode = 0644,
+ .proc_handler = &proc_dointvec
+ },
+ {
+ .ctl_name = CTL_UNNUMBERED,
+ .procname = "vfs_stats",
+ .data = NULL,
+ .maxlen = 0,
+ .mode = 0644,
+ .proc_handler = &do_reset_coda_vfs_stats
+ },
+ {
+ .ctl_name = CTL_UNNUMBERED,
+ .procname = "cache_inv_stats",
+ .data = NULL,
+ .maxlen = 0,
+ .mode = 0644,
+ .proc_handler = &do_reset_coda_cache_inv_stats
+ },
+ {
+ .ctl_name = CTL_UNNUMBERED,
+ .procname = "fake_statfs",
+ .data = &coda_fake_statfs,
+ .maxlen = sizeof(int),
+ .mode = 0600,
+ .proc_handler = &proc_dointvec
+ },
+ {}
};

static ctl_table fs_table[] = {
-   {FS_CODA, "coda",  NULL, 0, 0555, coda_table},
-   {0}
+ {
+ .ctl_name = CTL_UNNUMBERED,
+ .procname = "coda",
+ .mode = 0555,
+ .child = coda_table
+ },
+ {}
};

```

--

1.4.4.1.g278f

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