
Subject: [PATCH 14/59] sysctl: C99 convert xfs ctl_tables
Posted by [ebiederm](#) on Tue, 16 Jan 2007 16:39:19 GMT
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From: Eric W. Biederman <ebiederm@xmission.com> - unquoted

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

fs/xfs/linux-2.6/xfs_sysctl.c | 258 ++++++-----
1 files changed, 180 insertions(+), 78 deletions(-)

diff --git a/fs/xfs/linux-2.6/xfs_sysctl.c b/fs/xfs/linux-2.6/xfs_sysctl.c

index af777e9..5a0eefc 100644

--- a/fs/xfs/linux-2.6/xfs_sysctl.c

+++ b/fs/xfs/linux-2.6/xfs_sysctl.c

@@ -55,95 +55,197 @@ xfs_stats_clear_proc_handler(
#endif /* CONFIG_PROC_FS */

STATIC ctl_table xfs_table[] = {

- {XFS_RESTRICT_CHOWN, "restrict_chown", &xfs_params.restrict_chown.val,

- sizeof(int), 0644, NULL, &proc_dointvec_minmax,

- &sysctl_intvec, NULL,

- &xfs_params.restrict_chown.min, &xfs_params.restrict_chown.max},

-

- {XFS_SGID_INHERIT, "irix_sgid_inherit", &xfs_params.sgid_inherit.val,

- sizeof(int), 0644, NULL, &proc_dointvec_minmax,

- &sysctl_intvec, NULL,

- &xfs_params.sgid_inherit.min, &xfs_params.sgid_inherit.max},

-

- {XFS_SYMLINK_MODE, "irix_symlink_mode", &xfs_params.symlink_mode.val,

- sizeof(int), 0644, NULL, &proc_dointvec_minmax,

- &sysctl_intvec, NULL,

- &xfs_params.symlink_mode.min, &xfs_params.symlink_mode.max},

-

- {XFS_PANIC_MASK, "panic_mask", &xfs_params.panic_mask.val,

- sizeof(int), 0644, NULL, &proc_dointvec_minmax,

- &sysctl_intvec, NULL,

- &xfs_params.panic_mask.min, &xfs_params.panic_mask.max},

-

- {XFS_ERRLEVEL, "error_level", &xfs_params.error_level.val,

- sizeof(int), 0644, NULL, &proc_dointvec_minmax,

- &sysctl_intvec, NULL,

- &xfs_params.error_level.min, &xfs_params.error_level.max},

-

- {XFS_SYNCD_TIMER, "xfssyncd_centisecs", &xfs_params.syncd_timer.val,

- sizeof(int), 0644, NULL, &proc_dointvec_minmax,

- &sysctl_intvec, NULL,

- &xfs_params.syncd_timer.min, &xfs_params.syncd_timer.max},

-

- {XFS_SYNCD_TIMER, "xfssyncd_centisecs", &xfs_params.syncd_timer.val,

- sizeof(int), 0644, NULL, &proc_dointvec_minmax,

- &sysctl_intvec, NULL,

- &xfs_params.syncd_timer.min, &xfs_params.syncd_timer.max},

```

-
- {XFS_INHERIT_SYNC, "inherit_sync", &xfs_params.inherit_sync.val,
- sizeof(int), 0644, NULL, &proc_dointvec_minmax,
- &sysctl_intvec, NULL,
- &xfs_params.inherit_sync.min, &xfs_params.inherit_sync.max},
-
- {XFS_INHERIT_NODUMP, "inherit_nodump", &xfs_params.inherit_nodump.val,
- sizeof(int), 0644, NULL, &proc_dointvec_minmax,
- &sysctl_intvec, NULL,
- &xfs_params.inherit_nodump.min, &xfs_params.inherit_nodump.max},
-
- {XFS_INHERIT_NOATIME, "inherit_noatime", &xfs_params.inherit_noatim.val,
- sizeof(int), 0644, NULL, &proc_dointvec_minmax,
- &sysctl_intvec, NULL,
- &xfs_params.inherit_noatim.min, &xfs_params.inherit_noatim.max},
-
- {XFS_BUF_TIMER, "xfsbufd_centisecs", &xfs_params.xfs_buf_timer.val,
- sizeof(int), 0644, NULL, &proc_dointvec_minmax,
- &sysctl_intvec, NULL,
- &xfs_params.xfs_buf_timer.min, &xfs_params.xfs_buf_timer.max},
-
- {XFS_BUF_AGE, "age_buffer_centisecs", &xfs_params.xfs_buf_age.val,
- sizeof(int), 0644, NULL, &proc_dointvec_minmax,
- &sysctl_intvec, NULL,
- &xfs_params.xfs_buf_age.min, &xfs_params.xfs_buf_age.max},
-
- {XFS_INHERIT_NOSYM, "inherit_nosymlinks", &xfs_params.inherit_nosym.val,
- sizeof(int), 0644, NULL, &proc_dointvec_minmax,
- &sysctl_intvec, NULL,
- &xfs_params.inherit_nosym.min, &xfs_params.inherit_nosym.max},
-
- {XFS_ROTORSTEP, "rotorstep", &xfs_params.rotorstep.val,
- sizeof(int), 0644, NULL, &proc_dointvec_minmax,
- &sysctl_intvec, NULL,
- &xfs_params.rotorstep.min, &xfs_params.rotorstep.max},
-
- {XFS_INHERIT_NODFRG, "inherit_nodfrag", &xfs_params.inherit_nodfrg.val,
- sizeof(int), 0644, NULL, &proc_dointvec_minmax,
- &sysctl_intvec, NULL,
- &xfs_params.inherit_nodfrg.min, &xfs_params.inherit_nodfrg.max},
+ {
+ .ctl_name = XFS_RESTRICT_CHOWN,
+ .procname = "restrict_chown",
+ .data = &xfs_params.restrict_chown.val,
+ .maxlen = sizeof(int),
+ .mode = 0644,
+ .proc_handler = &proc_dointvec_minmax,
+ .strategy = &sysctl_intvec,

```

```

+ .extra1 = &xfs_params.restrict_chown.min,
+ .extra2 = &xfs_params.restrict_chown.max
+ },
+ {
+ .ctl_name = XFS_SGID_INHERIT,
+ .procname = "irix_sgid_inherit",
+ .data = &xfs_params.sgid_inherit.val,
+ .maxlen = sizeof(int),
+ .mode = 0644,
+ .proc_handler = &proc_dointvec_minmax,
+ .strategy = &sysctl_intvec,
+ .extra1 = &xfs_params.sgid_inherit.min,
+ .extra2 = &xfs_params.sgid_inherit.max
+ },
+ {
+ .ctl_name = XFS_SYMLINK_MODE,
+ .procname = "irix_symlink_mode",
+ .data = &xfs_params.symlink_mode.val,
+ .maxlen = sizeof(int),
+ .mode = 0644,
+ .proc_handler = &proc_dointvec_minmax,
+ .strategy = &sysctl_intvec,
+ .extra1 = &xfs_params.symlink_mode.min,
+ .extra2 = &xfs_params.symlink_mode.max
+ },
+ {
+ .ctl_name = XFS_PANIC_MASK,
+ .procname = "panic_mask",
+ .data = &xfs_params.panic_mask.val,
+ .maxlen = sizeof(int),
+ .mode = 0644,
+ .proc_handler = &proc_dointvec_minmax,
+ .strategy = &sysctl_intvec,
+ .extra1 = &xfs_params.panic_mask.min,
+ .extra2 = &xfs_params.panic_mask.max
+ },

+ {
+ .ctl_name = XFS_ERRLEVEL,
+ .procname = "error_level",
+ .data = &xfs_params.error_level.val,
+ .maxlen = sizeof(int),
+ .mode = 0644,
+ .proc_handler = &proc_dointvec_minmax,
+ .strategy = &sysctl_intvec,
+ .extra1 = &xfs_params.error_level.min,
+ .extra2 = &xfs_params.error_level.max
+ },

```

```

+ {
+ .ctl_name = XFS_SYNCD_TIMER,
+ .procname = "xfssyncd_centisecs",
+ .data = &xfs_params.syncd_timer.val,
+ .maxlen = sizeof(int),
+ .mode = 0644,
+ .proc_handler = &proc_dointvec_minmax,
+ .strategy = &sysctl_intvec,
+ .extra1 = &xfs_params.syncd_timer.min,
+ .extra2 = &xfs_params.syncd_timer.max
+ },
+ {
+ .ctl_name = XFS_INHERIT_SYNC,
+ .procname = "inherit_sync",
+ .data = &xfs_params.inherit_sync.val,
+ .maxlen = sizeof(int),
+ .mode = 0644,
+ .proc_handler = &proc_dointvec_minmax,
+ .strategy = &sysctl_intvec,
+ .extra1 = &xfs_params.inherit_sync.min,
+ .extra2 = &xfs_params.inherit_sync.max
+ },
+ {
+ .ctl_name = XFS_INHERIT_NODUMP,
+ .procname = "inherit_nodump",
+ .data = &xfs_params.inherit_nodump.val,
+ .maxlen = sizeof(int),
+ .mode = 0644,
+ .proc_handler = &proc_dointvec_minmax,
+ .strategy = &sysctl_intvec, NULL,
+ .extra1 = &xfs_params.inherit_nodump.min,
+ .extra2 = &xfs_params.inherit_nodump.max
+ },
+ {
+ .ctl_name = XFS_INHERIT_NOATIME,
+ .procname = "inherit_noatime",
+ .data = &xfs_params.inherit_noatim.val,
+ .maxlen = sizeof(int),
+ .mode = 0644,
+ .proc_handler = &proc_dointvec_minmax,
+ .strategy = &sysctl_intvec, NULL,
+ .extra1 = &xfs_params.inherit_noatim.min,
+ .extra2 = &xfs_params.inherit_noatim.max
+ },
+ {
+ .ctl_name = XFS_BUF_TIMER,
+ .procname = "xfsbufd_centisecs",
+ .data = &xfs_params.xfs_buf_timer.val,

```

```

+ .maxlen = sizeof(int),
+ .mode = 0644,
+ .proc_handler = &proc_dointvec_minmax,
+ .strategy = &sysctl_intvec,
+ .extra1 = &xfs_params.xfs_buf_timer.min,
+ .extra2 = &xfs_params.xfs_buf_timer.max
+ },
+ {
+ .ctl_name = XFS_BUF_AGE,
+ .procname = "age_buffer_centisecs",
+ .data = &xfs_params.xfs_buf_age.val,
+ .maxlen = sizeof(int),
+ .mode = 0644,
+ .proc_handler = &proc_dointvec_minmax,
+ .strategy = &sysctl_intvec, NULL,
+ .extra1 = &xfs_params.xfs_buf_age.min,
+ .extra2 = &xfs_params.xfs_buf_age.max
+ },
+ {
+ .ctl_name = XFS_INHERIT_NOSYM,
+ .procname = "inherit_nosymlinks",
+ .data = &xfs_params.inherit_nosym.val,
+ .maxlen = sizeof(int),
+ .mode = 0644,
+ .proc_handler = &proc_dointvec_minmax,
+ .strategy = &sysctl_intvec,
+ .extra1 = &xfs_params.inherit_nosym.min,
+ .extra2 = &xfs_params.inherit_nosym.max
+ },
+ {
+ .ctl_name = XFS_ROTORSTEP,
+ .procname = "rotorstep",
+ .data = &xfs_params.rotorstep.val,
+ .maxlen = sizeof(int),
+ .mode = 0644,
+ .proc_handler = &proc_dointvec_minmax,
+ .strategy = &sysctl_intvec,
+ .extra1 = &xfs_params.rotorstep.min,
+ .extra2 = &xfs_params.rotorstep.max
+ },
+ {
+ .ctl_name = XFS_INHERIT_NODFRG,
+ .procname = "inherit_nodfrag",
+ .data = &xfs_params.inherit_nodfrg.val,
+ .maxlen = sizeof(int),
+ .mode = 0644,
+ .proc_handler = &proc_dointvec_minmax,
+ .strategy = &sysctl_intvec,

```

```

+ .extra1 = &xfs_params.inherit_nodfrg.min,
+ .extra2 = &xfs_params.inherit_nodfrg.max
+ },
  /* please keep this the last entry */
#ifdef CONFIG_PROC_FS
- {XFS_STATS_CLEAR, "stats_clear", &xfs_params.stats_clear.val,
- sizeof(int), 0644, NULL, &xfs_stats_clear_proc_handler,
- &sysctl_intvec, NULL,
- &xfs_params.stats_clear.min, &xfs_params.stats_clear.max},
+ {
+ .ctl_name = XFS_STATS_CLEAR,
+ .procname = "stats_clear",
+ .data = &xfs_params.stats_clear.val,
+ .maxlen = sizeof(int),
+ .mode = 0644,
+ .proc_handler = &xfs_stats_clear_proc_handler,
+ .strategy = &sysctl_intvec,
+ .extra1 = &xfs_params.stats_clear.min,
+ .extra2 = &xfs_params.stats_clear.max
+ },
#endif /* CONFIG_PROC_FS */

- {0}
+ {}
};

STATIC ctl_table xfs_dir_table[] = {
- {FS_XFS, "xfs", NULL, 0, 0555, xfs_table},
- {0}
+ {
+ .ctl_name = FS_XFS,
+ .procname = "xfs",
+ .mode = 0555,
+ .child = xfs_table
+ },
+ {}
};

STATIC ctl_table xfs_root_table[] = {
- {CTL_FS, "fs", NULL, 0, 0555, xfs_dir_table},
- {0}
+ {
+ .ctl_name = CTL_FS,
+ .procname = "fs",
+ .mode = 0555,
+ .child = xfs_dir_table
+ },
+ {}
};

```

};

void

--

1.4.4.1.g278f

Containers mailing list

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