
Subject: Re: [PATCH 14/59] sysctl: C99 convert xfs ctl_tables

Posted by [dev](#) on Wed, 17 Jan 2007 17:01:48 GMT

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minor extra space in table below...

Kirill

> 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_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_nodefrag",
> + .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,
<<< minor. extra space.
> + .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
```

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