Subject: Re: [PATCH 01/11] SYSCTL: export root and set handling routines
Posted by ebiederm on Sat, 17 Dec 2011 22:25:14 GMT
View Forum Message <> Reply to Message

Stanislav Kinsbursky <skinsbursky@parallels.com> writes:

> These routines are required for making SUNRPC sysctl's per network namespace
> context.

Why does sunrpc require it's own sysctl root? You should be able to use
the generic per network namespace root and call it good.

What makes register_net_sysctl_table and register_net_sysctl_ro_table
unsuitable for sunrpc. I skimmed through your patches and I haven't
seen anything obvious.

Eric

> Signed-off-by: Stanislav Kinsbursky <skinsbursky@parallels.com>
>
> ---
> include/linux/sysctl.h | 1 +
> kernel/sysctl.c | 11 ++++++++++
> 2 files changed, 12 insertions(+), 0 deletions(-)
>
> diff --git a/include/linux/sysctl.h b/include/linux/sysctl.h
> index 703cfa3..be586a9 100644
> --- a/include/linux/sysctl.h
> +++ b/include/linux/sysctl.h
> @@ -1084,6 +1084,7 @@ struct ctl_path {
> };
>
> void register_sysctl_root(struct ctl_table_root *root);
> +void unregister_sysctl_root(struct ctl_table_root *root);
> struct ctl_table_header *__register_sysctl_paths(
> struct ctl_table_root *root, struct nsproxy *namespaces,
> const struct ctl_path *path, struct ctl_table *table);
> diff --git a/kernel/sysctl.c b/kernel/sysctl.c
> index ae27196..fb016a9 100644
> --- a/kernel/sysctl.c
> +++ b/kernel/sysctl.c
> @@ -1700,6 +1700,15 @@ void register_sysctl_root(struct ctl_table_root *root)
> list_add_tail(&root->root_list, &sysctl_table_root.root_list);
> spin_unlock(&sysctl_lock);
> }
> +EXPORT_SYMBOL_GPL(register_sysctl_root);
> +

> +void unregister_sysctl_root(struct ctl_table_root *root)
> +{
> + spin_lock(&sysctl_lock);
> + list_del(&root->root_list);
> + spin_unlock(&sysctl_lock);
> +}
> +EXPORT_SYMBOL_GPL(unregister_sysctl_root);
>
> /*
>   * sysctl_perm does NOT grant the superuser all rights automatically, because
> @@ -1925,6 +1934,7 @@ struct ctl_table_header *__register_sysctl_paths(
>
>   return header;
> }
> +EXPORT_SYMBOL_GPL(__register_sysctl_paths);
>
> /**
>   * register_sysctl_table_path - register a sysctl table hierarchy
> @@ -2007,6 +2017,7 @@ void setup_sysctl_set(struct ctl_table_set *p,
>   p->parent = parent ? parent : &sysctl_table_root.default_set;
>   p->is_seen = is_seen;
> }
> +EXPORT_SYMBOL_GPL(setup_sysctl_set);
>
> #else /* !CONFIG_SYSCTL */
> struct ctl_table_header *register_sysctl_table(struct ctl_table * table)
>
> --
> To unsubscribe from this list: send the line "unsubscribe linux-kernel" in
> the body of a message to majordomo@vger.kernel.org
> More majordomo info at http://vger.kernel.org/majordomo-info.html
> Please read the FAQ at http://www.tux.org/lkml/