
Subject: Re: [PATCH 2/5] Move the UST namespace under the option
Posted by [Cedric Le Goater](#) on Thu, 27 Sep 2007 12:29:33 GMT
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Pavel Emelyanov wrote:

> Currently all the namespace management code is in the
> kernel/utsname.c file, so just compile it out and make
> stub in .h file.
>
> The init namespace itself is in init/version.c and is
> left in the kernel.
>
> Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

Acked-by: Cedric Le Goater <clg@fr.ibm.com>

Thanks !

C.
>
> ---
>
> diff --git a/include/linux/utsname.h b/include/linux/utsname.h
> index 923db99..52b9116 100644
> --- a/include/linux/utsname.h
> +++ b/include/linux/utsname.h
> @@ -35,6 +35,7 @@ struct new_utsname {
> #include <linux/sched.h>
> #include <linux/kref.h>
> #include <linux/nsproxy.h>
> +#include <linux/err.h>
> #include <asm/atomic.h>
>
> struct uts_namespace {
> @@ -43,6 +44,7 @@ struct uts_namespace {
> };
> extern struct uts_namespace init_uts_ns;
>
> +#ifdef CONFIG_NAMESPACES
> static inline void get_uts_ns(struct uts_namespace *ns)
> {
> kref_get(&ns->kref);
> @@ -56,6 +58,25 @@ static inline void put_uts_ns(struct uts
> {
> kref_put(&ns->kref, free_uts_ns);
> }
> }
> +
> +static inline void get_uts_ns(struct uts_namespace *ns)

```

> +{
> +}
> +
> +static inline void put_uts_ns(struct uts_namespace *ns)
> +{
> +}
> +
> +static inline struct uts_namespace *copy_utsname(unsigned long flags,
> + struct uts_namespace *ns)
> +{
> + if (flags & CLONE_NEWUTS)
> + return ERR_PTR(-EINVAL);
> +
> + return ns;
> +}
> +#endif
> +
> static inline struct new_utsname *utsname(void)
> {
> return &current->nsproxy->uts_ns->name;
> diff --git a/kernel/Makefile b/kernel/Makefile
> index 76f782f..5817bfe 100644
> --- a/kernel/Makefile
> +++ b/kernel/Makefile
> @@ -4,8 +4,7 @@
> signal.o sys.o kmod.o workqueue.o pid.o \
> rcupdate.o extable.o params.o posix-timers.o \
> kthread.o wait.o kfifo.o sys_ni.o posix-cpu-timers.o mutex.o \
> - hrtimer.o rwsem.o latency.o nsproxy.o srcu.o \
> - utsname.o notifier.o sysctl.o
> + hrtimer.o rwsem.o latency.o nsproxy.o srcu.o notifier.o sysctl.o
>
> obj-$(CONFIG_SYSCTL) += sysctl_check.o
> obj-$(CONFIG_STACKTRACE) += stacktrace.o
> @@ -50,6 +49,7 @@ obj-$(CONFIG_AUDITSYSCALL) += auditsc.o
> obj-$(CONFIG_AUDIT_TREE) += audit_tree.o
> obj-$(CONFIG_KPROBES) += kprobes.o
> obj-$(CONFIG_KGDB) += kgdb.o
> +obj-$(CONFIG_NAMESPACES) += utsname.o
> obj-$(CONFIG_SYSFS) += ksysfs.o
> obj-$(CONFIG_DETECT_SOFTLOCKUP) += softlockup.o
> obj-$(CONFIG_GENERIC_HARDIRQS) += irq/
>
> -
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> Please read the FAQ at http://www.tux.org/lkml/

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>

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