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Subject: Re: [RFC][PATCH 1/2] Virtualization of UTS  
Posted by [James Morris](#) on Fri, 24 Mar 2006 20:28:09 GMT  
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On Fri, 24 Mar 2006, Kirill Korotaev wrote:

> This patch introduces utsname namespace in system, which allows to have  
> different utsnames on the host.  
> Introduces config option CONFIG\_UTS\_NS and uts\_namespace structure for this.  
>

Please include patches inline, so they can be quoted inline.

```
+#define system_utsname (current->uts_ns->name)
```

This should be a static inline.

```
+struct uts_namespace *create_uts_ns(void)
+{
+ struct uts_namespace *ns;
+
+ ns = kmalloc(sizeof(struct uts_namespace), GFP_KERNEL);
+ if (ns == NULL)
+ return NULL;
+
+ memset(&ns->name, 0, sizeof(ns->name));
+ atomic_set(&ns->cnt, 1);
+ return ns;
+}
```

IMHO, it's better to do something like:

```
{
foo = kmalloc();
if (foo) {
stuff;
etc;
}
return foo;
}
```

I suggest you use kzalloc(), too.

Also, I think the API approach needs to be determined before the patches go into -mm, in case it impacts on the code.

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