
Subject: Re: [RFC][PATCH 1/2] add user namespace [try #2]
Posted by [Dave Hansen](#) on Mon, 28 Aug 2006 15:06:25 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Mon, 2006-08-28 at 16:56 +0200, Cedric Le Goater wrote:

```
>
> + * Clone a new ns copying an original user ns, setting refcount to 1
> + * @old_ns: namespace to clone
> + * Return NULL on error (failure to kmalloc), new ns otherwise
> + */
> +static struct user_namespace *clone_user_ns(struct user_namespace
> +*old_ns)
> +{
> +    struct user_namespace *ns;
> +
> +    ns = kmalloc(sizeof(struct user_namespace), GFP_KERNEL);
> +    if (ns) {
> +        int n;
> +        struct user_struct *new_user;
> +
> +        kref_init(&ns->kref);
> +
> +        for(n = 0; n < UIDHASH_SZ; ++n)
> +            INIT_LIST_HEAD(ns->uidhash_table + n);
> +
> +        /* Insert new root user. */
> +        ns->root_user = alloc_uid(ns, 0);
> +        if (!ns->root_user) {
> +            kfree(ns);
> +            return NULL;
> +        }
> +
> +        /* Reset current->user with a new one */
> +        new_user = alloc_uid(ns, current->uid);
> +        if (!new_user) {
> +            kfree(ns);
> +            return NULL;
> +        }
> +    }
```

Does this leak the ns->root_user?

```
> +
> +        switch_uid(new_user);
> +    }
> +    return ns;
> +}
```

-- Dave

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