
Subject: Re: [PATCH 3/7] Containers (V8): Add generic multi-subsystem API to containers

Posted by [Srivatsa Vaddagiri](#) on Tue, 10 Apr 2007 14:42:08 GMT

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On Fri, Apr 06, 2007 at 04:32:24PM -0700, menage@google.com wrote:

```
> -static int container_create_dir(struct container *cont, const char *name, int mode)
> +static int container_create_dir(struct container *cont, struct dentry *dentry,
> +    int mode)
> {
> - struct dentry *dentry = NULL;
>   struct dentry *parent;
>   int error = 0;
>
>   parent = cont->parent->dentry;
> - dentry = container_get_dentry(parent, name);
```

If you removed this line, then:

```
> if (IS_ERR(dentry))
>   return PTR_ERR(dentry);
> - error = container_create_file(dentry, S_IFDIR | mode);
> + error = container_create_file(dentry, S_IFDIR | mode, cont->root->sb);
> if (!error) {
>   dentry->d_fsdata = cont;
> - parent->d_inode->i_nlink++;
> + inc_nlink(parent->d_inode);
>   cont->dentry = dentry;
> }
> dput(dentry);
```

We should remove this dput as well, otherwise we will be short of required reference count on dentry by 1?

Basically, when user does:

```
# cd /dev/container
# mkdir a
```

and mkdir returns, what should be the (min) ref count of a's dentry? From my understanding it should be total number of files under a + 1. The dput above will cause this reqd count to be short by 1 ..

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Regards,
vatsa
