
Subject: [PATCH 0/7] uts namespaces: Introduction

Posted by [serue](#) on Sat, 08 Apr 2006 04:52:06 GMT

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Introduce utsname namespaces. Instead of a single system_utsname containing hostname domainname etc, a process can request it's copy of the uts info to be cloned. The data will be copied from it's original, but any further changes will not be seen by processes which are not it's children, and vice versa.

This is useful, for instance, for vserver/openvz, which can now clone a new uts namespace for each new virtual server.

Aside from the debugging patch which comes last, this patchset does not actually implement a way for processes to unshare the uts namespace. The proper unsharing semantics are to be worked out later.

Changes since last submission:

- Restructured patchset so it compiles after each patch

- Removed EXPORT_SYMBOL for unshare_uts_ns and free_uts_ns.

- The former is now in the debugging patch and the latter gone entirely, as unsharing is likely not something to be done from modules!

-serge
