Subject: [PATCH 0/6] A config option to compile out some namespaces code (v4)
Posted by Pavel Emelianov on Wed, 14 Nov 2007 11:26:19 GMT
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Change against v3: rebased on 2.6.24-rc2-mm1

There were some questions like "do I need this on my cellphone"
in reply to different namespaces patches. Indeed, the namespaces
are not useful for most of the embedded systems, but the code
creating and releasing them weights a lot.

So I propose to add a config option which will help embedded
people to reduce the vmlinux size. This option simply compiles
out the namespaces cloning and releasing code *only*, but keeps
all the other logic untouched (e.g. the notion of init_ns).

Moreover, some of the namespaces might be not 100% ready by
the time of Linux-2.6.xxx release (like user namespaces or pid
namespaces are now). Since each namespace has its own option,
which depends on the NAMESPACES, it can be mrked with "depends
on EXPERIMENTAL/BROKEN/ANYTHING_ELSE" not to release the
functionality that is not 100% ready yet.

When someone tries to clone some namespace with their support
turned off, he will receive an EINVAL error.

This patchset can save more than 2KB from the vmlinux when
turning the config option "NAMESPACES" to "n".

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