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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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