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Subject: [PATCH 0/5] A config option to compile out some namespaces code (v3)  
Posted by [Pavel Emelianov](#) on Wed, 31 Oct 2007 09:58:49 GMT

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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`).

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".

I do not introduce the `NAMESPACES_EXPERIMENTAL` config option, that switches all the namespaces we consider experimental, but each namespace has its own config that can be mrked with "depends on `EXPERIMENTAL`" on demand.

This is mainly done because some people consider pid namespaces broken ant will probably want to make them depend on `BROKEN`. In this case we'll have to introduce the `NAMESPACES_BROKEN` option which is not that good.

Signed-off-by: Pavel Emelyanov <xemul@openvz.org>

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