Andrey Savochkin <saw@sw.ru> wrote:
>
> I have a practical proposal.
> We can start with presenting and merging the most interesting part, network
> containers. We discuss details, possible approaches, and related subsystems,
> until networking is finished to its utmost detail.
> This will create an example of virtualization of a non-trivial subsystem,
> and we will have to agree on basic principles of virtualization of related
> subsystems like proc.
>
> Virtualization of networking presents a lot of challenges and decision-making
> points with respect to user-visible interfaces: proc, sysctl, netlink events
> (and netlink sockets themselves), and so on. This code will also become
> immediately useful as an improvement over chroot.
> I am sure that when we come to a mutually acceptable solution with respect to
> networking, virtualization of all other subsystems can be implemented and
> merged without many questions.
>
> What do people think about this plan?

It sounds like that feature might be the
most-likely-to-cause-maintainer-revolt one, in which case yes, it is
absolutely definitely the one to start with.

Because if it ends up that an acceptable approach cannot be found, and if
this feature is compulsory for any sane virtualisation implementation then
that's it - game over. We want to discover such blockers as early in the
process as possible.