
Subject: [RFC][PATCH 0/4] Devpts namespace
Posted by [Sukadev Bhattiprolu](#) on Wed, 06 Feb 2008 05:04:28 GMT
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Serge, Matt, please sign-off on these patches as you see fit.

Devpts namespace patchset

In continuation of the implementation of containers in mainline, we need to support multiple PTY namespaces so that the PTY index (ie the tty names) in one container is independent of the PTY indices of other containers. For instance this would allow each container to have a '/dev/pts/0' PTY and refer to different terminals.

[PATCH 1/4]: Factor out PTY index allocation
[PATCH 2/4]: Use interface to access allocated_ptys
[PATCH 3/4]: Enable multiple mounts of /dev/pts
[PATCH 4/4]: Enable cloning PTY namespaces

Todo:

- This patchset depends on availability of additional clone flags !!!
- Needs more testing.

Changelog:

This patchset is based on earlier versions developed by Serge Hallyn and Matt Helsley.

Containers mailing list
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