Subject: Re: [PATCH 01/29] task containersv11 basic task container framework
Posted by akpm on Tue, 11 Sep 2007 20:07:31 GMT
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On Tue, 11 Sep 2007 12:52:40 -0700
menage@google.com wrote:

> Generic Process Control Groups

How do these patches differ from the ones we already have?

_____
Containers mailing list
Containers@lists.linux-foundation.org
https://lists.linux-foundation.org/mailman/listinfo/containers

Subject: Re: [PATCH 01/29] task containersv11 basic task container framework
Posted by Paul Menage on Tue, 11 Sep 2007 20:11:35 GMT
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Sigh. Quilt managed to send you all the new patches but not the
[00/29] email that described the construction of the changes (this
apparently just went to the containers list). See below.

Paul

This patchset renames "Task Containers" to "Control Groups", in line with
recent discussions.

These patches are drop-in replacements for those of the same names in
the current -mm tree:

task-containersv11-basic-task-container-framework.patch
task-containersv11-basic-task-container-framework-fix.patch
task-containersv11-add-tasks-file-interface.patch
task-containersv11-add-fork-exit-hooks.patch
task-containersv11-add-container_clone-interface.patch
task-containersv11-add-procfs-interface.patch
task-containersv11-shared-container-subsystem-group-arrays.patch
task-containersv11-shared-container-subsystem-group-arrays-avoid-lockdep-warning.patch
task-containersv11-shared-container-subsystem-group-arrays-include-fix.patch
task-containersv11-automatic-userspace-notification-of-idle-containers.patch
task-containersv11-make-cpusets-a-client-of-containers.patch
task-containersv11-example-cpu-accounting-subsystem.patch
task-containersv11-simple-task-container-debug-info-subsystem.patch

add-containerstats-v3.patch
add-containerstats-v3-fix.patch

containers-implement-namespace-tracking-subsystem.patch
containers-implement-namespace-tracking-subsystem-fix-order-of-container-subsystems-in-init-kconfig.patch

memory-controller-add-documentation.patch
memory-controller-resource-counters-v7.patch
memory-controller-resource-counters-v7-fix.patch
memory-controller-containers-setup-v7.patch
memory-controller-accounting-setup-v7.patch
memory-controller-memory-accounting-v7.patch
memory-controller-task-migration-v7.patch
memory-controller-add-per-container-lru-and-reclaim-v7.patch
memory-controller-add-per-container-lru-and-reclaim-v7-fix.patch
memory-controller-oom-handling-v7.patch
memory-controller-add-switch-to-control-what-type-of-pages-to-limit-v7.patch
memory-controller-make-page_referenced-container-aware-v7.patch

They are constructed by running the following perl script over the
original versions of the patches in 2.6.23-rc4-mm1:

perl -pi -e 's/subcontainer/child cgroup/g;
s/(\b|_)container(\b|_(?!of)|fs|s)/$1cgroup$2/g;
s/CONTAINER(_|S)/CGROUP$1/g; s/Container/Control Group/g;
s/css_group/css_set/g;' patches/*.patch

Owners of other control-group related patches may want to run this
script or some variation of it on their own patches.

On 9/11/07, Andrew Morton <akpm@linux-foundation.org> wrote:
> On Tue, 11 Sep 2007 12:52:40 -0700
> menage@google.com wrote:
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> > Generic Process Control Groups
>
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