
Subject: Re: [Patch 01/05]- Containers: Documentation on using containers
Posted by [B.Steinbrink](#) on Fri, 15 Sep 2006 17:44:12 GMT

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On 2006.09.15 09:45:25 -0700, Rohit Seth wrote:

> On Fri, 2006-09-15 at 08:15 +0200, Rolf Eike Beer wrote:

> > Rohit Seth wrote:

> > > This patch contains the Documentation for using containers.

> >

> > > +5- Remove a task from container

> > > + echo <pid> rmtask

> >

> > echo <pid> > rmtask?

> >

>

> rmtask is an attribute defined in test_container directory. So, first

> you have to cd into container directory

> (cd /mnt/configs/containers/test_container and then execute this

> command)

The > is missing in the patch though, guess that's what Rolf wanted to point out ;)

>

> > Please also give a short description what containers are for. From what I read

> > here I can only guess it's about getting some statistics about a group of

> > tasks.

>

> Containers allow different workloads to be run on the same platform with

> limits defined on per container basis. This basically allows a single

> platform to be (soft) partitioned among different workloads (each of

> which could be running many tasks). The limits could be amount of

> memory, number of tasks among other features. These two features are

> already implemented in the patch set that I posted. But it is possible

> to add other controllers like CPU that allows only finite amount of time

> to the processes belonging to a container.

>

> Currently this patch set is only tracking user memory (both file based

> and anonymous). The memory handler is currently deactivating pages

> belonging to a container that has gone over the limit. Even though this

> allows containers to go over board their limits but 1- once they are

> over the limit then they run in degraded manner and 2- if there is any

> memory pressure then the (extra) pages belonging to this container are

> the prime candidates for swapping (for example). The statistics that

> are shown in each container directory are the current values of each

> resource consumption.

>

> Please let me know if you need any more specific information about the

> patch set.

A general description for the containers needs to go into Documentation/ along with the usage example, so that potential users know what to do with it. The above seems fine, just remove the "this patch" references.
