Masahiko Takahashi <masahiko@linux-foundation.org> writes:

> Hi everyone,
>
> I would like to post a small patch that implements pipe checkpoint
> and restart functionality.
>
> The patch supports pipe buffers used with splice/vmsplice systemcall.
> Usually, spliced buffers' pages are in memory cache because their data
> are read from an filesystem. However the patch doesn't treat buffers'
> pages as cached memory when restoring. If trying to treat as cached
> memory, each buffer's page should be tagged with its filename when
> checkpointing. This is not a difficult implementation, but I'm still
> wondering this is worth implementing...

Rewind a little bit please. I can clearly see where checkpoint/restart
fit into the containers conversation.

However I don't see where this checkpoint/restart patchset fits into
the checkpoint restart picture.

What ideas are you trying to discuss?

I will say that I am not yet convinced that we need the kernel saving
and restoring the checkpoint.

Regardless of the approach when we start seriously discussing checkpoint/restart
one of the big issues is how do we maintain an ABI to user space for all of
the data so we can migrate applications across kernel version.

Eric

_____
Containers mailing list
Containers@lists.osdl.org
https://lists.osdl.org/mailman/listinfo/containers