Subject: Re: Checkpoint/restart (was Re: [PATCH 0/4] - v2 - Object creation with a specified id)
Posted by ebiederm on Thu, 10 Jul 2008 19:21:43 GMT
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Dave Hansen <dave@linux.vnet.ibm.com> writes:

> On Thu, 2008-07-10 at 11:55 -0700, Eric W. Biederman wrote:
>>
>> > If we do checkpoint-as-a-coredump, then we need userspace to coordinate
>> > a kernel-generated coredump with a user-generated (?) swapfile snapshot.
>> > But I guess we figure that out later.
>>
>> Well it is a matter of which VMAs you dump. For things that are file backed
>> you need to dump them.

For things that are file backed you DO NOT need to dump them. (sorry typo).

> Are we talking about the VMA itself, or the memory backing the VMA?

The memory backing the VMA. We need to store the page protections
that the memory was mapped with as well now that you point it out. A
VMA is not user space visible, which is why we can arbitrarily split
and merge VMAs.

Eric

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