Subject: [PATCH 0/2] cryo: fixes for handling options -l and -f
Posted by Benjamin Thery on Mon, 09 Jun 2008 14:47:09 GMT
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Serge,

I've cloned your cryo tree and I'm starting to play with it.
Here are a couple of trivial patches to fix some small issues
with options handling: -l (list) and -f in checkpoint mode.

Still trying to restart the 'sleep' test program.

Benjamin
--

_____
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Subject: [PATCH 1/2] cryo: Fix option -l
Posted by Benjamin Thery on Mon, 09 Jun 2008 14:47:19 GMT
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This tiny patch fixes the handling of option -l.
'l' must be added to the getopt() call and the subsequent switch{} if
we don't want to exit too soon.

This makes the following command works:

$ cr -l -t test.cryo

Signed-off-by: Benjamin Thery <benjamin.thery@bull.net>
---
 cr.c | 3 ++-
 1 file changed, 2 insertions(+), 1 deletion(-)

Index: cryodev/cr.c
===
--- cryodev.orig/cr.c
+++ cryodev/cr.c
@@ -1227,10 +1227,11 @@ int main(int argc, char **argv)
  int fd = 0;
  int perm = O_RDONLY;

- while ((ch = getopt(argc, argv, "dmp:rRksf:")) != EOF) {
+ while ((ch = getopt(argc, argv, "dlmp:rRksf:")) != EOF) {
   switch (ch) {

```
   case 'd':  cr_mode |= CR_DEBUG; Debug_mode = 1; break;
   case 'k':  cr_mode |= CR_KILL; break;
+  case 'l': mode = ch; break;
   case 's': cr_mode |= CR_STOP; break;
   case 'm': cr_mode |= CR_MMAP; break;
   case 'p': mode = ch; fd = 1; perm = O_WRONLY; pid = (pid_t)atoi(optarg); break;

--
```

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Subject: [PATCH 2/2] cryo: Fix option -f in checkpointing mode
Posted by Benjamin Thery on Mon, 09 Jun 2008 14:47:29 GMT
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Option -f couldn't be used in conjunction with option -p (for checkpointing).
O_CREAT is missing in the flags passed to open().

Now, we can do:

$ cr -p MYPID -f test.cryo

(I know the coding style is not perfect (long lines, several instructions
on the same line), but it fits with cryo's style :)).

Signed-off-by: Benjamin Thery <benjamin.thery@bull.net>
---
 cr.c | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)

Index: cryodev/cr.c
```
===================================================================
--- cryodev.orig/cr.c
+++ cryodev/cr.c
@@ -1234,7 +1234,7 @@ int main(int argc, char **argv)
   case 'l': mode = ch; break;
   case 's': cr_mode |= CR_STOP; break;
   case 'm': cr_mode |= CR_MMAP; break;
-  case 'p': mode = ch; fd = 1; perm = O_WRONLY; pid = (pid_t)atoi(optarg); break;
+  case 'p': mode = ch; fd = 1; perm = O_WRONLY|O_CREAT; pid = (pid_t)atoi(optarg); break;
   case 'r': mode = ch; break;
   case 'f': strncpy(filename, optarg, sizeof(filename)); break;
   default: usage(); exit(1);

--
```

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Subject: Re: [PATCH 2/2] cryo: Fix option -f in checkpointing mode
Posted by Dave Hansen on Mon, 09 Jun 2008 16:16:08 GMT
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On Mon, 2008-06-09 at 16:47 +0200, Benjamin Thery wrote:
> Option -f couldn't be used in conjunction with option -p (for
> checkpointing).
> O_CREAT is missing in the flags passed to open().
>
> Now, we can do:
>
> $ cr -p MYPID -f test.cryo
>
> (I know the coding style is not perfect (long lines, several
> instructions
> on the same line), but it fits with cryo's style :)).

So, I suggest that we start using kernel coding style on this sucker.
We're all used to it, and the original developer isn't around to bitch
about it. :)

-- Dave

_____
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Subject: Re: [PATCH 2/2] cryo: Fix option -f in checkpointing mode
Posted by serue on Mon, 09 Jun 2008 16:42:03 GMT
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Quoting Dave Hansen (dave@linux.vnet.ibm.com):
> On Mon, 2008-06-09 at 16:47 +0200, Benjamin Thery wrote:
> > Option -f couldn't be used in conjunction with option -p (for
> > checkpointing).
> > O_CREAT is missing in the flags passed to open().
> >
> > Now, we can do:
> >

> > $ cr -p MYPID -f test.cryo
> >
> > (I know the coding style is not perfect (long lines, several
> > instructions
> > on the same line), but it fits with cryo's style :)).
>
> So, I suggest that we start using kernel coding style on this sucker.
> We're all used to it, and the original developer isn't around to bitch
> about it. :)

Yeah, agreed. That does *not* mean that I want pure style fix patches!! :)

thanks,
-serge

_____
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Subject: Re: [PATCH 2/2] cryo: Fix option -f in checkpointing mode
Posted by Dave Hansen on Mon, 09 Jun 2008 16:44:37 GMT
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On Mon, 2008-06-09 at 11:42 -0500, Serge E. Hallyn wrote:
> > So, I suggest that we start using kernel coding style on this
> sucker.
> > We're all used to it, and the original developer isn't around to
> bitch
> > about it. :)
>
> Yeah, agreed. That does *not* mean that I want pure style fix
> patches!! :)

Yep, I'd say treat it the same way we do whitespace in the kernel.
Touch it if you're either in the *IMMEDIATE* area or or patching the
code itself.

-- Dave

_____
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---

Subject: Re: [PATCH 0/2] cryo: fixes for handling options -l and -f

Quoting Benjamin Thery (benjamin.thery@bull.net):
> Serge,
>
> I've cloned your cryo tree and I'm starting to play with it.
> Here are a couple of trivial patches to fix some small issues
> with options handling: -l (list) and -f in checkpoint mode.
>
> Still trying to restart the 'sleep' test program.
>
> Benjamin
> --

Thanks, applied.

-serge

_____
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