
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
[View Forum Message](#) <> [Reply to Message](#)

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

--

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

Subject: [PATCH 1/2] cryo: Fix option -l
Posted by [Benjamin Thery](#) on Mon, 09 Jun 2008 14:47:19 GMT
[View Forum Message](#) <> [Reply to Message](#)

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;
```

--

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

Subject: [PATCH 2/2] cryo: Fix option -f in checkpointing mode
Posted by [Benjamin Thery](#) on Mon, 09 Jun 2008 14:47:29 GMT
[View Forum Message](#) <> [Reply to Message](#)

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);
```

--

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

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
[View Forum Message](#) <> [Reply to Message](#)

On Mon, 2008-06-09 at 16:47 +0200, Benjamin They 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

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

Subject: Re: [PATCH 2/2] cryo: Fix option -f in checkpointing mode
Posted by [serue](#) on Mon, 09 Jun 2008 16:42:03 GMT
[View Forum Message](#) <> [Reply to Message](#)

Quoting Dave Hansen (dave@linux.vnet.ibm.com):

> On Mon, 2008-06-09 at 16:47 +0200, Benjamin They 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

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

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
[View Forum Message](#) <> [Reply to Message](#)

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

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

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

Posted by [serue](#) on Mon, 09 Jun 2008 16:55:44 GMT

[View Forum Message](#) <> [Reply to Message](#)

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

Containers mailing list

Containers@lists.linux-foundation.org

<https://lists.linux-foundation.org/mailman/listinfo/containers>
