
Subject: [PATCH 02/11] restart: cleanup setup/cleanup of freezer cgroups

Posted by [Oren Laadan](#) on Mon, 07 Feb 2011 17:21:23 GMT

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```
restart.c | 22 ++++++++-----  
1 files changed, 10 insertions(+), 12 deletions(-)
```

```
diff --git a/restart.c b/restart.c
```

```
index 8106fd6..195a892 100644
```

```
--- a/restart.c
```

```
+++ b/restart.c
```

```
@@ -359,35 +359,32 @@ static void sigint_handler(int sig)
```

```
static int freezer_prepare(struct ckpt_ctx *ctx)
```

```
{  
- char *freezer;  
  int fd, ret;
```

```
#define FREEZER_THAWED "THAWED"
```

```
- freezer = malloc(strlen(ctx->args->freezer) + 32);
```

```
- if (!freezer) {
```

```
+ ctx->freezer = malloc(strlen(ctx->args->freezer) + 32);
```

```
+ if (!ctx->freezer) {
```

```
    ckpt_perror("malloc freezer buf");
```

```
- return -1;
```

```
+ return ctx_set_errno(ctx);
```

```
}
```

```
- sprintf(freezer, "%s/freezer.state", ctx->args->freezer);
```

```
+ sprintf(ctx->freezer, "%s/freezer.state", ctx->args->freezer);
```

```
- fd = open(freezer, O_WRONLY, 0);
```

```
+ fd = open(ctx->freezer, O_WRONLY, 0);
```

```
  if (fd < 0) {
```

```
    ckpt_perror("freezer path");
```

```
- free(freezer);
```

```
- return -1;
```

```
+ return ctx_set_errno(ctx);
```

```
}
```

```
ret = write(fd, FREEZER_THAWED, sizeof(FREEZER_THAWED));
```

```
if (ret != sizeof(FREEZER_THAWED)) {
```

```
    ckpt_perror("thawing freezer");
```

```
- free(freezer);
```

```
+ ctx_set_errno(ctx);
```

```
  close(fd);
```

```

    return -1;
}

- sprintf(freezer, "%s/tasks", ctx->args->freezer);
- ctx->freezer = freezer;
+ sprintf(ctx->freezer, "%s/tasks", ctx->args->freezer);
  close(fd);
  return 0;
}
@@ -400,13 +397,14 @@ static int freezer_register(struct ckpt_ctx *ctx, pid_t pid)
    fd = open(ctx->freezer, O_WRONLY, 0);
    if (fd < 0) {
        ckpt_perror("freezer path");
-    return -1;
+    return ctx_set_errno(ctx);
    }

    n = sprintf(pidstr, "%d", pid);
    ret = write(fd, pidstr, n);
    if (ret != n) {
        ckpt_perror("adding pid %d to freezer");
+    ctx_set_errno(ctx);
        close(fd);
        return -1;
    }
--
1.7.1

```

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