
Subject: Re: [RFC/PATCH 1/8]: CGroup Files: Add locking mode to cgroups control files

Posted by [Paul Jackson](#) on Wed, 14 May 2008 01:59:52 GMT

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Andrew wrote:

> As Matt observed, this is just a poorly-named variable.

How about the following code for `cgroup_file_write()`:

```
char buf[64]; /* avoid kmalloc() in small cases */
char *p; /* buf[] or kmalloc'd buffer */
```

```
...
```

```
if (nbytes < sizeof(buf)) {
    p = buf;
} else {
    p = kmalloc(nbytes + 1, GFP_KERNEL);
    if (p == NULL)
        return -ENOMEM;
}
```

Possible advantages of above code:

- * Uses short names for local variables of limited scope.

- * Doesn't set `p` until needed, so as:

- 1) to highlight the symmetry of its setting, to either `buf[]` (small cases) or to a `kmalloc'd` buffer (large cases), and
- 2) to avoid implying that `p` needs to be set in the intervening "... code above.

- * Comments variable declarations.

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I won't rest till it's the best ...
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