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Subject: Re: [-mm] CPU controller statistics (v5)  
Posted by [Paul Menage](#) on Wed, 11 Jun 2008 08:28:20 GMT  
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On Thu, Jun 5, 2008 at 2:37 AM, Balbir Singh <balbir@linux.vnet.ibm.com> wrote:

```
>>
>> Can we avoid these tests? By requiring that cgroup_subsys.initialize()
>> always be non-zero? It might make sense, and it might not...
>>
>
> They are really hard to avoid, otherwise we might be taking away the flexibility
> we have.
```

And this is something that only gets called at startup.

```
>
>> Also, if this code is likely to be executed with any frequency then the
>> test of 'early' could be inlined:
>>
>> static inline void cpu_cgroup_initialize(int early)
>> {
>>     if (unlikely(!early))
>>         __cpu_cgroup_initialize();
>> }
>>
>> yes?
>>
>
> Definitely
```

Er, no. It gets called twice at system boot (once with early=true and once with early=false) via a vtable. So there's nothing to optimize for, and making the function inline won't help since the compiler needs to take its address.

Paul

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