
Subject: Re: [PATCH v3 04/13] kmem accounting basic infrastructure
Posted by [Glauber Costa](#) on Mon, 01 Oct 2012 08:46:02 GMT
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On 09/30/2012 02:37 PM, Tejun Heo wrote:

> Hello, James.

>

> On Sun, Sep 30, 2012 at 09:56:28AM +0100, James Bottomley wrote:

>> The beancounter approach originally used by OpenVZ does exactly this.

>> There are two specific problems, though, firstly you can't count

>> references in generic code, so now you have to extend the cgroup

>> tentacles into every object, an invasiveness which people didn't really

>> like.

>

> Yeah, it will need some hooks. For dentry and inode, I think it would

> be pretty well isolated tho. Wasn't it?

>

We would still need something for the stack. For open files, and for everything that becomes a potential problem. We then end up with 35 different knobs instead of one. One of the perceived advantages of this approach, is that it condenses as much data as a single knob as possible, reducing complexity and over flexibility.
