

---

Subject: Re: [PATCH v2 08/11] memcg: disable kmem code when not in use.  
Posted by [Glauber Costa](#) on Fri, 17 Aug 2012 07:01:06 GMT

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

---

On 08/17/2012 11:02 AM, Michal Hocko wrote:

> On Thu 09-08-12 17:01:16, Glauber Costa wrote:

>> We can use jump labels to patch the code in or out when not used.

>>

>> Because the assignment: memcg->kmem\_accounted = true is done after the

>> jump labels increment, we guarantee that the root memcg will always be

>> selected until all call sites are patched (see memcg\_kmem\_enabled).

>

> Not that it would be really important because kmem\_accounted goes away

> in a subsequent patch but I think the wording is a bit misleading here.

> First of all there is no guarantee that kmem\_accounted=true is seen

> before atomic\_inc(&key->enabled) because there is no memory barrier and

> the lock serves just a leave barrier. But I do not think this is

> important at all because key->enabled is what matters here. Even if

> memcg\_kmem\_enabled is true we do not consider it if the key is disabled,

> right?

>

Right.

---