Subject: [PATCH v3 00/16] slab accounting for memcg
Posted by Glauber Costa on Tue, 18 Sep 2012 14:11:54 GMT
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This is a followup to the previous kmem series. I divided them logically
so it gets easier for reviewers. But I believe they are ready to be merged
together (although we can do a two-pass merge if people would prefer)

Throwaway git tree found at:

git://git.kernel.org/pub/scm/linux/kernel/git/glommer/memcg. git kmemcg-slab

There are mostly bugfixes since last submission.

For a detailed explanation about this series, please refer to my previous post
(Subj: [PATCH v3 00/13] kmem controller for memcg.)

Glauber Costa (16):
slab/slub: struct memcg_params
slub: use free_page instead of put_page for freeing kmalloc
allocation
slab: Ignore the cflgs bit in cache creation
provide a common place for initcall processing in kmem_cache
consider a memcg parameter in kmem_create_cache
memcg: infrastructure to match an allocation to the right cache
memcg: skip memcg kmem allocations in specified code regions
slab: allow enable_cpu_cache to use preset values for its tunables
sl[au]b: always get the cache from its page in kfree
sl[au]b: Allocate objects from memcg cache
memcg: destroy memcg caches
memcg/sl[au]b Track all the memcg children of a kmem_cache.
slab: slab-specific propagation changes.
slub: slub-specific propagation changes.
memcg/sl[au]b: shrink dead caches
Add documentation about the kmem controller

Documentation/cgroups/memory.txt | 73 ++++++-
include/linux/memcontrol.h | 60 ++++++
include/linux/sched.h | 1 +
include/linux/slab.h | 23 +++
include/linux/slab_def.h | 4 +
include/linux/slub_def.h | 18 +-
init/Kconfig | 2 +-
mm/memcontrol.c | 403 ++++++

```
 mm/slob.c                  |   5 +
 mm/slub.c                  |  54 ++++--
 13 files changed, 829 insertions(+), 41 deletions(-)

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1.7.11.4
```