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Subject: Re: [RFC][ for -mm] memory cgroup enhancements take3 [9/9] per zone stat

Posted by [yamamoto](#) on Tue, 30 Oct 2007 12:32:59 GMT

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```
> +
> +/*
> + * Per-zone statistics.
> + * Please be carefull. The array can be very big on envrionments whic has
> + * very big MAX_NUMNODES . Adding new stat member to this will eat much memory.
> + * Only Active/Inactive may be sutiable.
```

```
s/whic/&h/
```

```
s/sutiable/suitable/
```

```
> +static inline void __mem_cgroup_zonesta_dec(struct mem_cgroup_zonestat *zstat,
```

```
s/zonesta/&t/
```

```
> @@ -293,6 +369,23 @@ clear_page_cgroup(struct page *page, str
>
> static void __mem_cgroup_move_lists(struct page_cgroup *pc, bool active)
> {
> + int direction = 0;
> +
> + if (active && !(pc->flags & PAGE_CGROUP_FLAG_ACTIVE))
> + direction = 1; /*from inactive to acvive */
> + if (!active && (pc->flags & PAGE_CGROUP_FLAG_ACTIVE))
> + direction = -1;
> +
> + if (direction) {
> + struct mem_cgroup_zonestat *zstat = &pc->mem_cgroup->zonestat;
> + int index = page_cgroup_to_zonestat_index(pc);
> + preempt_disable();
> + __mem_cgroup_zonestat_add(zstat, MEM_CGROUP_ZONESTAT_ACTIVE,
> + direction, index);
> + __mem_cgroup_zonestat_add(zstat, MEM_CGROUP_ZONESTAT_INACTIVE,
> + direction, index);
```

```
dec?
```

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Containers mailing list

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<https://lists.linux-foundation.org/mailman/listinfo/containers>

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