
Subject: Re: [-mm PATCH] Memory controller improve user interface (v2)

Posted by [akpm](#) on Fri, 31 Aug 2007 20:02:16 GMT

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

On Fri, 31 Aug 2007 00:22:46 +0530

Balbir Singh <balbir@linux.vnet.ibm.com> wrote:

```
> +/*
> + * Strategy routines for formatting read/write data
> + */
> +int mem_container_read_strategy(unsigned long long val, char *buf)
> +{
> + return sprintf(buf, "%llu Bytes\n", val);
> +}
```

It's a bit cheesy to be printing the units like this. It's better to just print the raw number.

If you really want to remind the user what units that number is in (not a bad idea) then it can be encoded in the filename, like
/proc/sys/vm/min_free_kbytes, /proc/sys/vm/dirty_expire_centisecs, etc.

```
> +int mem_container_write_strategy(char *buf, unsigned long long *tmp)
> +{
> + *tmp = memparse(buf, &buf);
> + if (*buf != '\0')
> + return -EINVAL;
> +
> + printk("tmp is %llu\n", *tmp);
```

don't think we want that.

```
> + /*
> + * Round up the value to the closest page size
> + */
> + *tmp = ((*tmp + PAGE_SIZE - 1) >> PAGE_SHIFT) << PAGE_SHIFT;
> + return 0;
> +}
```

Containers mailing list

Containers@lists.linux-foundation.org

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