Subject: Re: How Inactive may be much greather than cached? Posted by Nick Piggin on Thu, 18 Oct 2007 06:27:27 GMT

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Hi,

On Thursday 18 October 2007 16:24, Vasily Averin wrote:

> Hi all,

>

- > could anybody explain how "inactive" may be much greater than "cached"?
- > stress test (http://weather.ou.edu/~apw/projects/stress/) that writes into
- > removed files in cycle puts the node to the following state:

>

MemTotal: 16401648 kB
MemFree: 636644 kB
Buffers: 1122556 kB
Cached: 362880 kB
SwapCached: 700 kB
Active: 1604180 kB
Inactive: 13609828 kB

>

- > At the first glance memory should be freed on file closing, nobody refers
- > to file and ext3_delete_inode() truncates inode. We can see that memory is
- > go away from "cached", however could somebody explain why it become
- > "invalid" instead be freed? Who holds the references to these pages?

Buffers, swap cache, and anonymous.