

Re: [PATCH 2/4] AFS: Add a function to excise a rejected write from the pagecache

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- *From:* David Howells <dhowells@xxxxxxxxxx>
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Andrew Morton <akpm@xxxxxxxxxxxxxxxxxxxxxxxx> wrote:

hm. I don't see why that race window would be a problem in practice: the page-exciser does a lock_page();wait_on_page_writeback() as normal, then proceeds with its business?

No. The page-exciser ends (cancels) PG_writeback, not waits for it (something has to clear the flag). The problem is that the truncation routines may be sat there holding a lock on the page whilst waiting for PG_writeback to go away – so we have to clear PG_writeback before we can think about getting PG_lock:-(

But given that this doesn't work right for some reason, can we use PG_error and then handle that appropriately in the filesystem's ->prepare_write() and ->page_mkwrite()?

Possibly, though I'd rather they didn't see such a page.

David

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