

Re: Kqueue write event position?

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On 11/22/06, Ivan Voras <ivoras@xxxxxxx> wrote:

>From the kqueue(2) manual:

""""

EVFILT_VNODE Takes a file descriptor as the identifier and the events to watch for in fflags, and returns when one or more of the requested events occurs on the descriptor. The events to monitor are:...

""""

I'm interested in NOTE_WRITE, but is there a way to find out where has the write been performed (position and length)? If not, how difficult would it be to expand the API so this information is included?

It seems to me you would have to propagate that info along the VOP_WRITE_POST->VFS_KNOTE_LOCKED->VN_KNOTE->knote() chain. Since knote() is generic and is used for all types of notifications, you can probably roll down your own replacement and call it from VN_KNOTE. Of course, there probably is a better way :)

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If it's there, and you can see it, it's real.
If it's not there, and you can see it, it's virtual.
If it's there, and you can't see it, it's transparent.
If it's not there, and you can't see it, you erased it.

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