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Fanotify - Linux filesystem notification subsystem

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Fanotify is the filesystem notification framework in Linux. In recent years it has gained substantial amount of new features. In this talk we will survey developments in fanotify such as filesystem notification marks, reporting of directory events, support for unprivileged users, marks that can be evicted in case of memory pressure, and others. In the end we will also outline features currently under development which will allow implementation of hierarchical storage management using fanotify.

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