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Managing locks in CERNBox and EOS

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This contribution illustrates how we have evolved file locking in CERNBox and EOS. Initially introduced to support Office online applications, the functionality has been extended to be an integral part of Reva, the engine powering CERNBox. We will describe the implementation in the EOS storage system, and the foreseen extensions to cover Linux file locks (flocks) as supported for FUSE and Samba clients.

Primary author: LO PRESTI, Giuseppe (CERN)

Presenter: LO PRESTI, Giuseppe (CERN)

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