Contribution ID: **79**   Type: **not specified**

EOS - the CERN disk storage system driving CERNBox

Tuesday 31 January 2017 09:30 (20 minutes)

EOS is a disk-based storage system providing high-capacity and low-latency access for users at CERN. It is the online storage system for all LHC and most non-LHC experiments at CERN.

Today EOS provides over 160 PB of raw disk space. The software is developed since 2010 at CERN and available under GPL license. EOS drives CERNBox as back-end storage system and provides sync-and-share facilities to CERN users. It provides multiple views/protocols to the same namespace and storage backend - via the OwnCloud synchronization client, as a mounted filesystem or latency optimized wide-area file access protocols.

The presentation will introduce core features of EOS and highlight the current development status and future roadmap.

Author: PETERS, Andreas Joachim (CERN)

Presenter: PETERS, Andreas Joachim (CERN)

Session Classification: Storage technologies