

European Open File System SCE

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Overview

- Founded 15th Dec 2010 in Munich
- Legal Form : Societas Cooperativa–Europaea (SCE)
- Effective since 18/08/2006 in all European members states.
- Members are shareholders & stakeholders.
- The purpose of the European Open File System SCE is the promotion and servicing of the members needs.

Foundation meeting of the EOFS Dec, 15th, 2010 in Munich

Founding members:

- Forschungszentrum Jülich GmbH
- Bull GmbH
- ParTec CCC GmbH
- CEA
- Data Direct Networks
- Universität Zürich
- Universität Paderborn
- GSI Helmholtzzentrum f. Schwerionenforschung GmbH
- credativ GmbH
- T-Platforms
- HPCFS
- Hewlett-Packard GmbH
- Whamcloud
- Leibniz Rechenzentrum der Bayrischen Akademie der Wissenschaften



Board members of the Administrative Council:

- Klaus Wolkersdorfer (FZ Jülich)
- Eric Monchalain (Bull)
- Jean Gonnord (CEA)
- Walter Schön (GSI)
- Arndt Bode (LRZ)
- Johannes Diemer (HP)

Directors of the Administrative Council:

- Jacques-Charles Lafoucriere (CEA)
- Hugo R. Falter (ParTec CCC GmbH)

GA meeting March, 22nd, 2011

- New members
EUROTECH S.p.A., Italy
Xyratex Technology Limited, United Kingdom
- Cooperation with
Rechenzentrum Garching der Max-Planck-Gesellschaft,
Germany

Goals

- To promote the establishment and adoption of open source parallel file-systems, sustain and enhance its quality, capabilities and functionality and ensure that specific requirements of European organizations, institutions and companies are upheld.
- To facilitate the extension of business operations to non-members.
- To initiate projects or to collaborate with existing projects at regional, national, European and international level in order to support Research&Development activities concerning Open File Systems.
- To ensure that engagement and activities with other organizations will not directly or indirectly interfere with the intellectual property or other contractual and legal obligations of its members.
- To operate as a non-profit organization.

Statement

EOFS agrees on the following and decided on March 22nd, 2011:

- We all agree on one repository for Lustre currently hosted by Whamcloud.
- We fully support the upcoming 2.1 community release of Lustre.
- We acknowledge our members efforts to continue contributing to the further development and support of Lustre and add features/patches to the single repository.
- We encourage further contribution.

The future of Lustre® *

- Lustre has achieved critical mass with 1000s of deployments in service worldwide
- Look in the TOP 500 (June 2010) at the top 100 systems
 - 59/100 run Lustre
 - 22/100 run GPFS
 - 3/100 run Panasas
 - 1/100 run CXFS
 - 15 undetermined

* Marking representative for the document as a whole

The Lustre Open Source Community

- **LUG 2011**
Lustre User Group is alive and moving forward. The LUG community has ALREADY taken leadership for the next LUG in Orlando, April 12th to 14th, 2011 (<http://www.olcf.ornl.gov/event/lug-2011>)
The results should be a bigger and better LUG led by the User Community.
- **OpenSFS**
Consortium led by LLNL, ORNL, DDN and Cray
Goal is to not only maintain but also work on stability and advancement of Lustre to the next level...
- **HPCFS**
Entity to form a community surrounding Lustre
- **EOFS**
European Initiative

Lustre project list

- EOFS members agreed on a list of Lustre improvements.
 - This list was discussed with OpenSFS and Whamcloud.
 - Some of this improvements are or will be developed by EOFS members: Bull, CEA, Xyratex, ...
 - Some will be handled by Whamcloud or OpenSFS.
- All developments will go to the same Lustre tree
 - Toward a Lustre foundation?

European Lustre Workshop

- EOFS will organize a Lustre workshop
 - 2 days, in Paris, in the second half of September, 2011
- Intended for middle-size sites in Europe
- Will focus on user exchange:
 - Technical presentations
 - *Projects and software around Lustre*
 - Sysadmin feedback on Lustre systems
 - *Issues and solutions*
- Vendors technical presentations are welcomed.
- Non limited to European sites.

Questions?