ISC 2018 BoF: LUSTRE® in HPC and Big Data: Roadmap, Features and Challenges

Frank Baetke (EOFS / standing in for HPE)

Sarp Oral (OpenSFS – ORNL)
Peter Jones (OpenSFS/LWG – Whamcloud)

Tuesday, June 26th, 14:45 - 15:45 – Room Pikkolo (v7)
Lustre BoF - Questions for the audience: Users/Sites, Developers, Vendors and VARs

- Who is new to Lustre, either considering it or recently deployments?
- Why are you considering it, or why did you choose it?
- If you don’t use Lustre, what keeps you or others from adopting it?
- Are your organizations members of EOFS or OpenSFS?
- Do you see any open alternative file-systems to LUSTRE? (if that questions is of interest you may want to stay on in this room)
- What challenges do you see given the most recent developments?

- Other questions?
14:45 – 14:55 Welcome and Introduction – Frank Baetke, EOFS

14:55 – 15:00 Update on the Legal Aspects of LUSTRE – Hugo Falter, ParTec

15:00 – 15:10 Recent Developments – Brent Mastenbrook, Intel / Robert Triendl, DDN

Open Discussion with all participants


15:20 – 15:40 Technical Discussion – Peter Jones et al.

Open / Technical Discussion with all participants

15:40 - 15:45 Upcoming LUSTRE® Community Events – Aurelien Degremont (CEA)

15:45 Adjourn
EOFS Current Governance and Members

EOFS President:
• Frank Baetke (acting for HPE)

EOFS Vice-President:
• Jacques-Charles Lafoucriere (CEA)

Directors of the Administrative Council:
• Bret Costelow (DDN)
• Hugo R. Falter (ParTec CCC GmbH)

Board members of the Administrative Council:
• Eric Monchalin (Bull/Atos)
• Jacques-Charles Lafoucriere (CEA)
• Walter Schön (GSI)
• Frank Baetke (acting for HPE)
• Adam Roe (Intel)
• Arndt Bode (LRZ)
EOFS & OpenSFS
Legacy and Joint Undertakings

- Oracle acquiring SUN
- EOFS and OpenSFS founded
- WhamCloud founded
- Seagate gets IP
- Contract Seagate – EOFS/OpenSFS
- Intel acquiring WhamCloud
- Intel hosting the Lustre tree
- LUG involvement
- LAD involvement
- DDN taking over Lustre assets from Intel

Ongoing
- [www.lustre.org](http://www.lustre.org) – joint legal ownership
- Joint BoF Sessions at SC and ISC
- Joint Board Meetings (most recently at SC 17 in Denver, CO)
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Brent Mastenbrook, Intel
Robert Triendl, DDN
Peter Jones, Whamcloud (ex Intel)
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EOFS and OpenSFS are organizing the 8th European **Lustre Administrators and Developers Workshop**. It will take place in Paris, at the Marriott Champs Elysees Hotel, on the 24th and 25th of September, 2018. LAD has been a great opportunity for Lustre administrators and developers to gather and exchange their experiences, developments, tools, good practices and more.

**Important Dates:**

**LUG 18:**  **Monday, September 24th, 2018 to Tuesday, September 25th, 2018.**

It will be followed on Wednesday, **September 26th** the Developer Summit.

Presentation proposal deadline is **July 29th, 2018**

**Participating companies and organizations are invited to sponsor LAD 18.**
For more details visit: https://www.eofs.eu/events/lad18

ISC 2018
Thank You!
If you are interested in alternative open file systems stay on …
BeeGFS – Architecture, Implementation Examples and Future Development

Chair
Frank Herold, ThinkParQ

Co-Chair
Frank Baetke, EOFS

Event Type: Birds of a Feather (BoF) 1h
Date/Time: June 26, 15:45 – 16:45
Location: ISC 2018, Room: Pikkolo

Note: An ISC 2918 Exhibition Pass is sufficient to participate!