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

15:10 – 15:20 LUSTRE® Roadmap: Release Dates & Features – Peter Jones, Intel (?)

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 – 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

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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!

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