Intel Commitment to Lustre*

LAD 2015

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The Lustre* Journey

To continue this journey we need to grow the developer community
Community Growth

- Growing the community organically is too slow

- Expediting community growth requires investment

* Data as of Sept 4
A Community Program

• The Intel® Parallel Computing Center for Lustre* (IPCC-L)
• Fund universities, labs, and institutions to perform Lustre* development
• Funding is via grant proposals that get new talent involved in developing features that the community cares about
• It is a funding requirement of proposals that resulting work must land to the community tree
• Outcome is a broader development community advancing Lustre
The First IPCC-L Funded Project

The first approved grant proposal goes to André Brinkmann of Johannes Gutenberg University, Mainz Germany for his proposal

*Lustre QoS: Network Request Scheduler and Monitoring Revisited*

*The IPCC-L website is not up yet, in the interim, please direct inquiries about grant proposals to: jessica.popp@intel.com*
Maintenance Release Plans

Community Releases

• OpenSFS* has stepped forward to maintain the tree
• We continue to support OpenSFS’s desire to own the tree and work with them to determine a viable way of spreading the costs associated with ongoing sustaining efforts
• We intend to remain major contributors in ongoing community releases

Intel EE Releases

• We respect the GPL and are upstreaming all of our changes to OpenSFS
• We are focusing on maintenance releases with our customers
• In part we are responding to feedback that making our releases freely available undermines our position as a support provider
Feature Prioritization

Community Releases

• Feature prioritization for community releases is done in the OpenSFS LWG

• It would be ideal to have a coordinated EOFS+OpenSFS prioritized list.

Intel EE Releases

• Prioritization for EE releases is done by product planning with input from customers/partners

• Additional feature development is driven by NRE funding
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