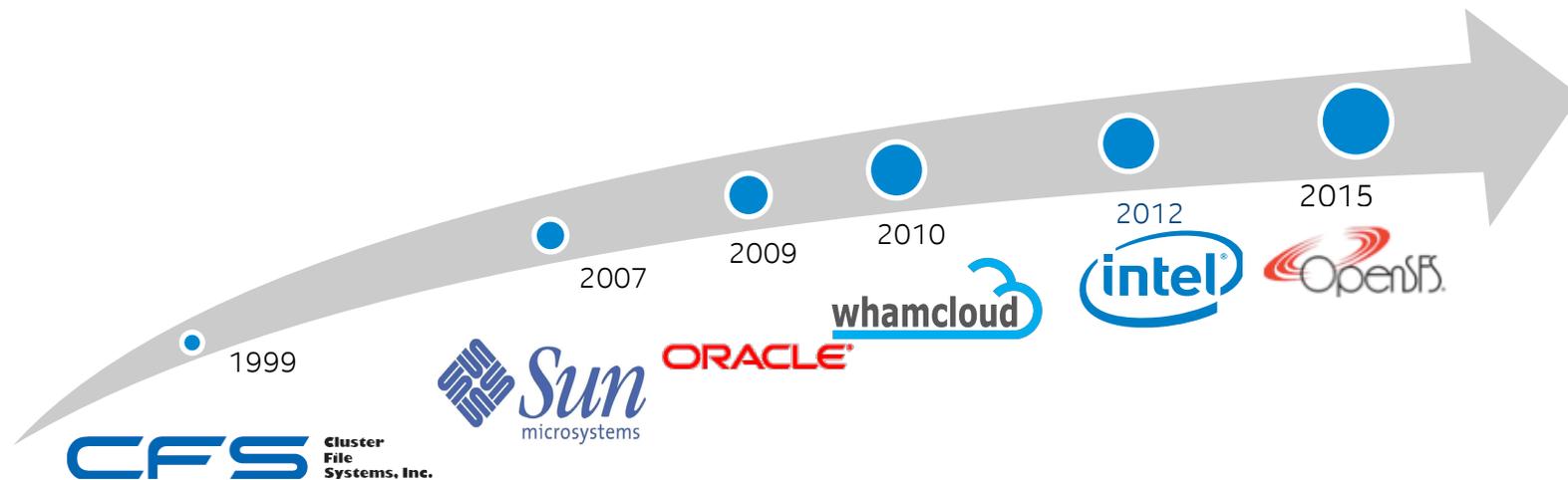# Intel Commitment to Lustre*

LAD 2015

Jessica Popp

The Lustre* Journey

To continue this journey we need to grow the developer community

Community Growth

Commit Authors

- Growing the community organically is too slow

- Expediting community growth requires investment

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

(intel)
Software

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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