



Community Release Update

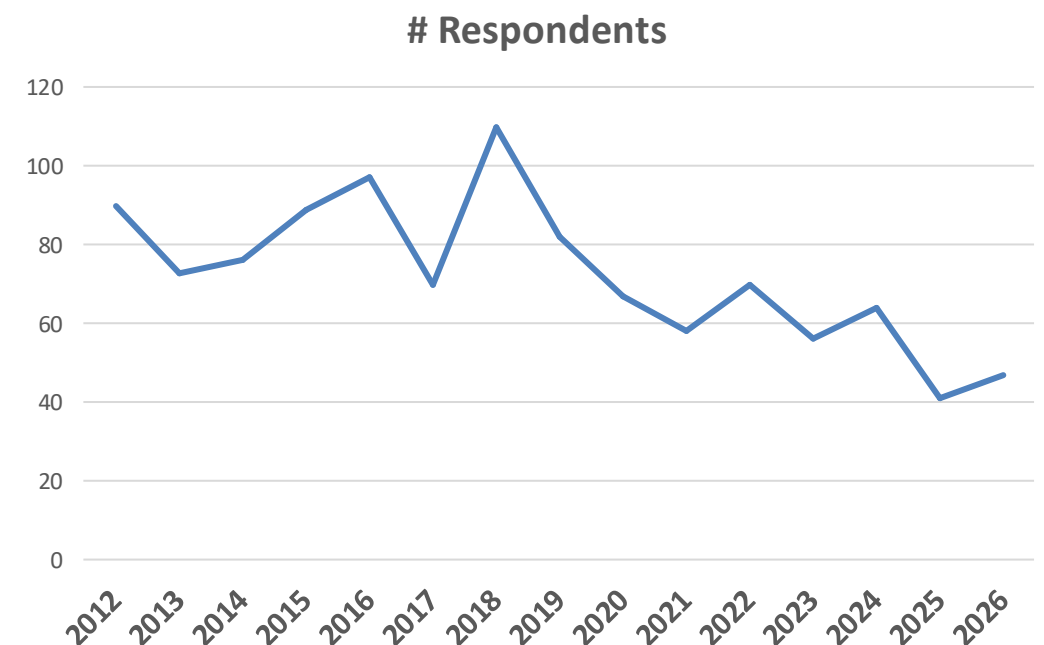
September 30th 2026

Peter Jones, TLC

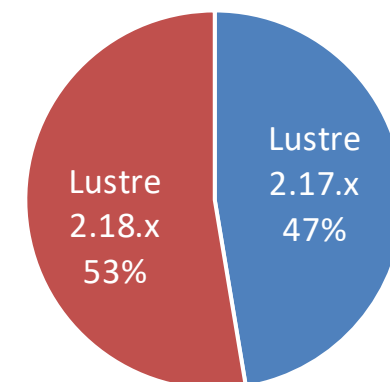
OpenSFS Lustre Working Group

OpenSFS Lustre Working Group

- Has been operating as the forum for collaboration on the community releases for over a decade
- Led by Peter Jones (TLC) and Rick Mohr (ORNL)
- All welcome to attend and/or join the mailing list
- For more information visit the wiki
- http://wiki.opensfs.org/Lustre_Working_Group
- LWG issues survey annually in March to track trends in Lustre usage
- Full details available at http://wiki.opensfs.org/Lustre_Community_Survey



Next LTS Transition



OpenSFS Documentation Working Group

- Led by Ellis Wilson (Microsoft)
- All welcome to attend and/or join the mailing list
- https://wiki.opensfs.org/Documentation_Working_Group
- Looking into improving:
 - Lustre manual
 - Lustre.org wiki
- Has a dedicated channel on the [Lustre Slack instance](#)



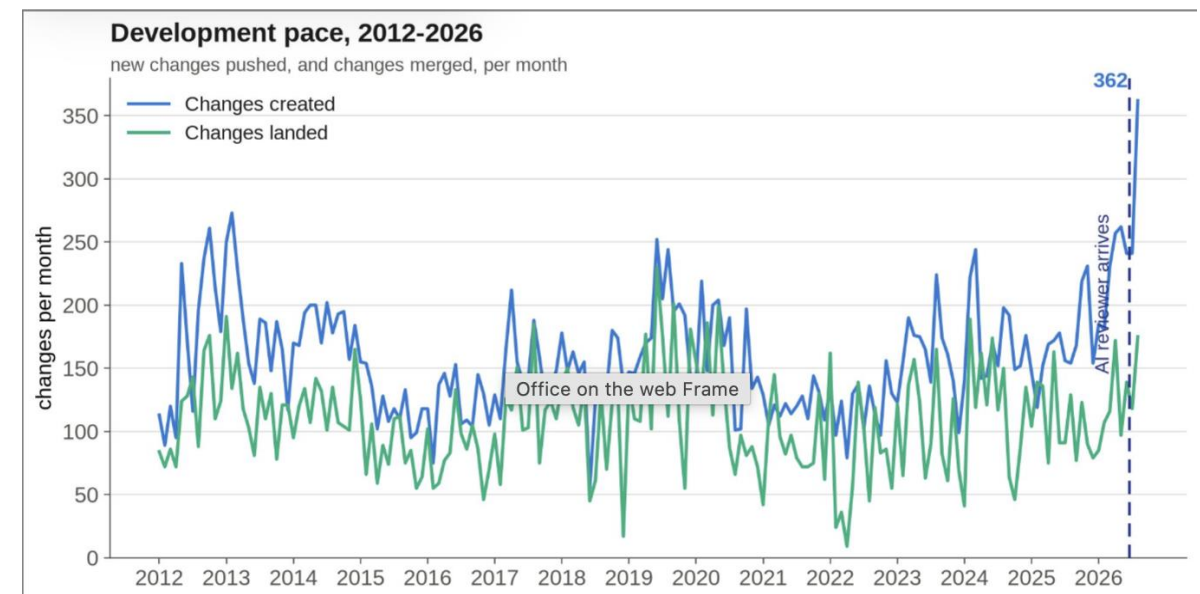
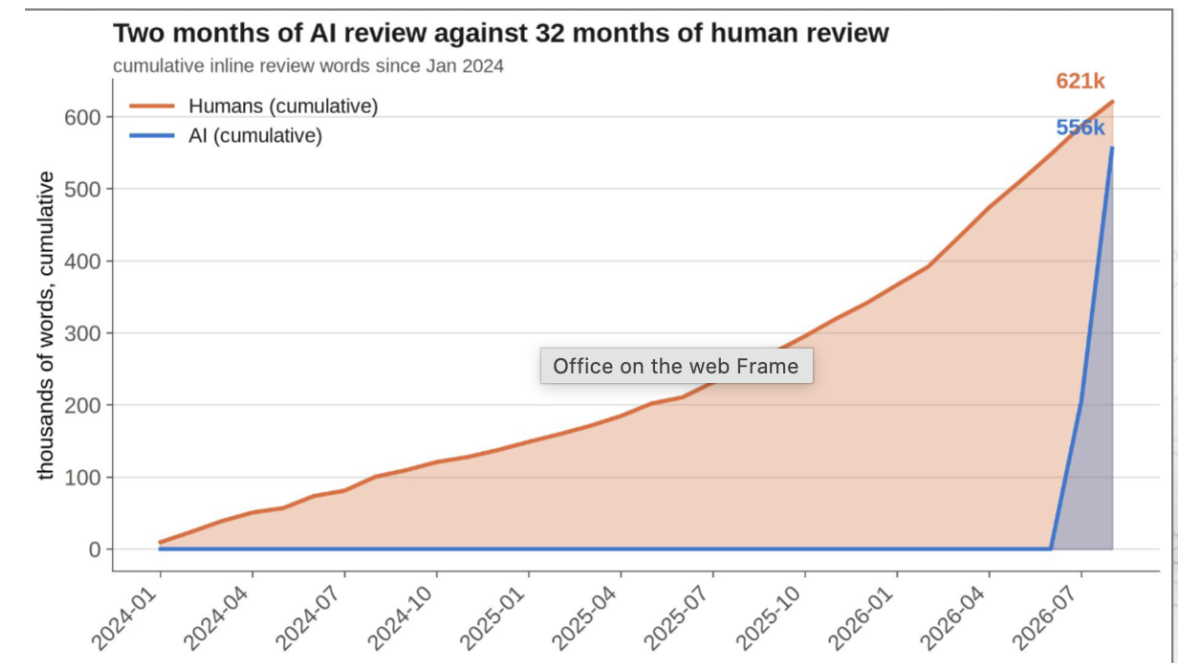
A Year of Change - TLC

- Formation of The Lustre Collective (TLC)
 - Independent startup focused on advancing community Lustre roadmap
 - Aiming to ensure that Lustre is still relevant 10-15 years from now
 - Offers support, training and custom feature development on community Lustre releases



A Year of Change - AI

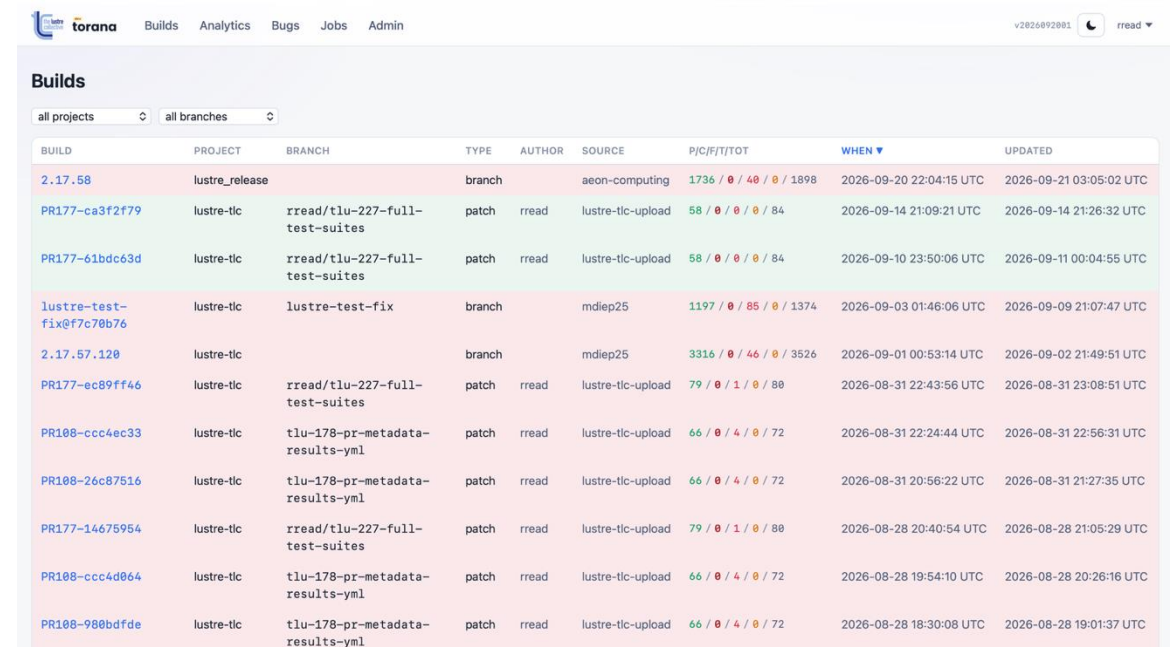
- AI in Development Workflows
 - Most developers using AI tools to expedite their efforts
 - AI Reviews launched during 2.18 development cycle (July)
- LTVM
 - Rapid deployment of Lustre filesystem on personal systems that can be used for experimentation and/or in conjunction with agentic AI
 - <https://github.com/lustre-tools/lustre-test-vms>



Graphs courtesy of Patrick Farrell

A Year of Change – Federated Testing

- Testing requirement continue to grow which places strain on centralized test infrastructure
- Exploring ways to test on wider variety of systems and pool results
- Thanks to AEON Computing and Canonical for being early participants in this initiative
- More participants welcome!



The screenshot shows the Torana Builds page with a table of build results. The table has columns for BUILD, PROJECT, BRANCH, TYPE, AUTHOR, SOURCE, P/C/F/T/TOT, WHEN, and UPDATED. The data is filtered by 'all projects' and 'all branches'.

BUILD	PROJECT	BRANCH	TYPE	AUTHOR	SOURCE	P/C/F/T/TOT	WHEN	UPDATED
2.17.58	lustre_release		branch	aeon-computing		1736 / 0 / 40 / 0 / 1898	2026-09-20 22:04:15 UTC	2026-09-21 03:05:02 UTC
PR177-ca3f2f79	lustre-tlc	rread/tlu-227-full-test-suites	patch	rread	lustre-tlc-upload	58 / 0 / 0 / 0 / 84	2026-09-14 21:09:21 UTC	2026-09-14 21:26:32 UTC
PR177-61bdc63d	lustre-tlc	rread/tlu-227-full-test-suites	patch	rread	lustre-tlc-upload	58 / 0 / 0 / 0 / 84	2026-09-10 23:50:06 UTC	2026-09-11 00:04:55 UTC
lustre-test-fix@f7c70b76	lustre-tlc	lustre-test-fix	branch	mdiep25		1197 / 0 / 85 / 0 / 1374	2026-09-03 01:46:06 UTC	2026-09-09 21:07:47 UTC
2.17.57.120	lustre-tlc		branch	mdiep25		3316 / 0 / 46 / 0 / 3526	2026-09-01 00:53:14 UTC	2026-09-02 21:49:51 UTC
PR177-ec89ff46	lustre-tlc	rread/tlu-227-full-test-suites	patch	rread	lustre-tlc-upload	79 / 0 / 1 / 0 / 80	2026-08-31 22:43:56 UTC	2026-08-31 23:08:51 UTC
PR108-ccc4ec33	lustre-tlc	tlu-178-pr-metadata-results-yml	patch	rread	lustre-tlc-upload	66 / 0 / 4 / 0 / 72	2026-08-31 22:24:44 UTC	2026-08-31 22:56:31 UTC
PR108-26c87516	lustre-tlc	tlu-178-pr-metadata-results-yml	patch	rread	lustre-tlc-upload	66 / 0 / 4 / 0 / 72	2026-08-31 20:56:22 UTC	2026-08-31 21:27:35 UTC
PR177-14675954	lustre-tlc	rread/tlu-227-full-test-suites	patch	rread	lustre-tlc-upload	79 / 0 / 1 / 0 / 80	2026-08-28 20:40:54 UTC	2026-08-28 21:05:29 UTC
PR108-ccc4d064	lustre-tlc	tlu-178-pr-metadata-results-yml	patch	rread	lustre-tlc-upload	66 / 0 / 4 / 0 / 72	2026-08-28 19:54:10 UTC	2026-08-28 20:26:16 UTC
PR108-980bdfde	lustre-tlc	tlu-178-pr-metadata-results-yml	patch	rread	lustre-tlc-upload	66 / 0 / 4 / 0 / 72	2026-08-28 18:30:08 UTC	2026-08-28 19:01:37 UTC

Screen shot from Torana courtesy of Robert Read



Canonical



A Year of Change – Lustre BOF

- No Official Lustre BOF at SC26!
 - First time since SC12 without one
- OpenSFS is coordinating efforts to ensure that there are opportunities for Lustre community engagement at SC26
 - BOF Session will take place on Nov 18th PM
 - Check OpenSFS website closer to the time for exact timing and location



Picture courtesy of Tom Crowe (IU)

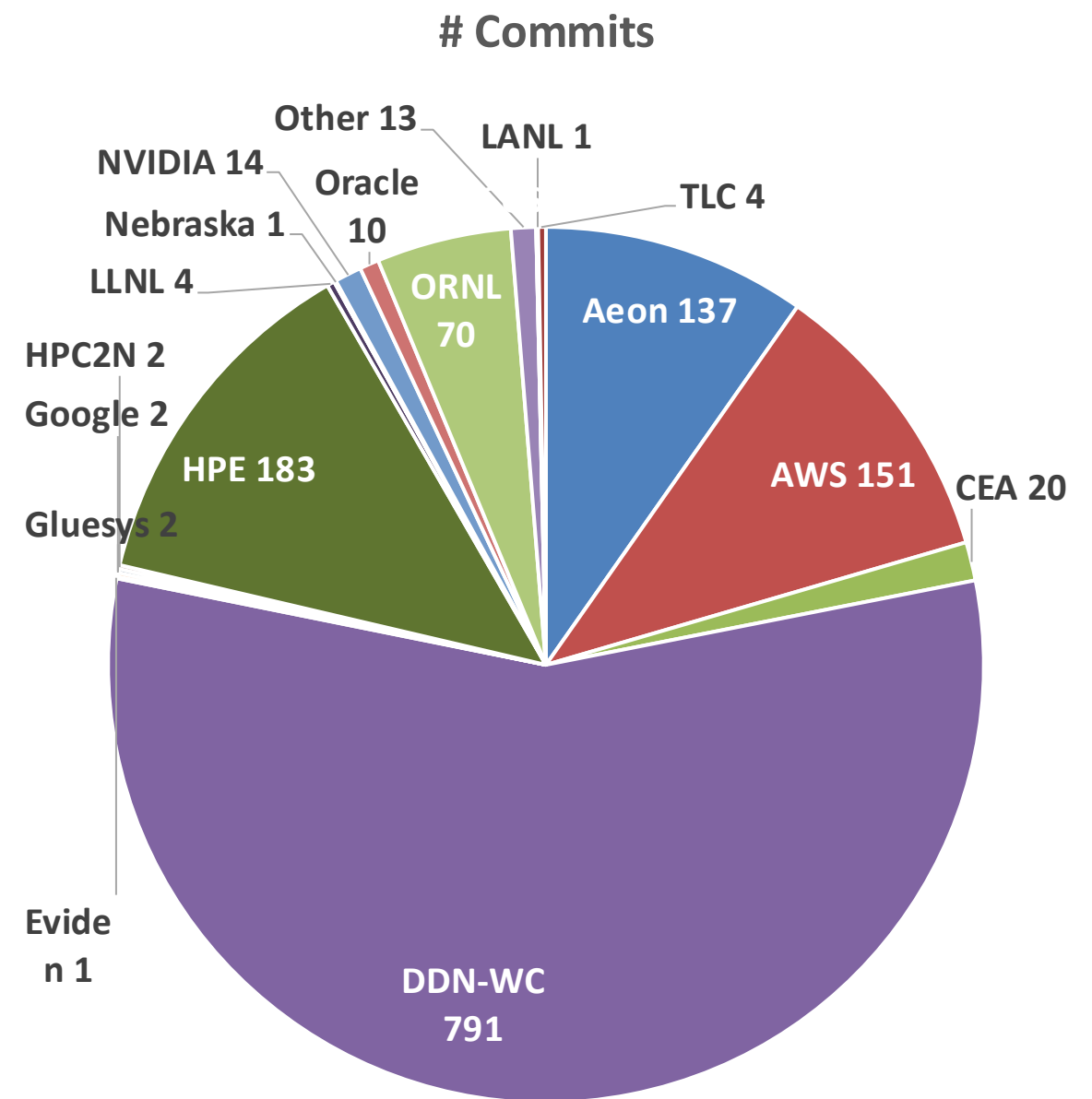
Lustre 2.15.x LTS

- Lustre 2.15.9
expected soon
(latest estimate at
time of writing was
before LAD)
 - Will provide RHEL
9.8 client support

LTS	GA	Changelog
2.15.0	Jun-22	http://wiki.lustre.org/Lustre_2.15.0_Changelog
2.15.1	Aug-22	https://wiki.lustre.org/Lustre_2.15.1_Changelog
2.15.2	Jan-23	http://wiki.lustre.org/Lustre_2.15.2_Changelog
2.15.3	Jun-23	http://wiki.lustre.org/Lustre_2.15.3_Changelog
2.15.4	Dec-23	https://wiki.lustre.org/Lustre_2.15.4_Changelog
2.15.5	Jun-24	https://wiki.lustre.org/Lustre_2.15.5_Changelog
2.15.6	Dec-24	https://wiki.lustre.org/Lustre_2.15.6_Changelog
2.15.7	Jun-25	https://wiki.lustre.org/Lustre_2.15.7_Changelog
2.15.8	Dec-25	https://wiki.lustre.org/Lustre_2.15.8_Changelog

Lustre 2.17

- GA late last year
 - https://wiki.lustre.org/Release_2.17.0
- RHEL 9.7 servers/clients
- RHEL 10.1/SLES15 SP7/Ubuntu 24.04 clients
- Interop/upgrades from latest Lustre 2.15.x
- Features targeted for release:
 - Dynamic Nodemaps ([LU-17431](#)) **COMPLETE**
 - Hybrid IO ([LU-18033](#)) **COMPLETE**

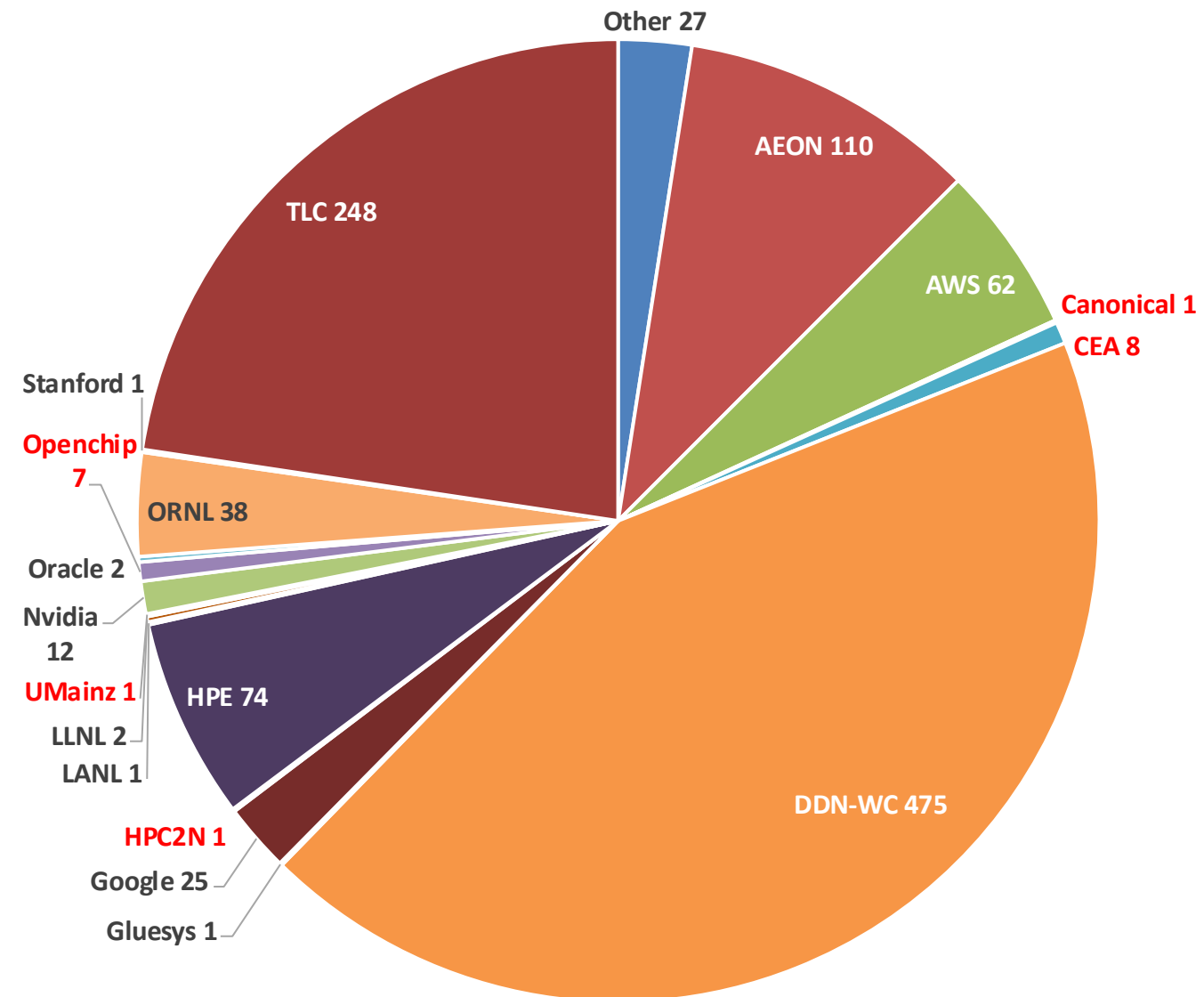


Data from <https://git.whamcloud.com/?p=fs/lustre-release>. 2.16.50 to 2.17.0

Lustre 2.18

- Targeted for Q4
 - https://wiki.lustre.org/Release_2.18.0
- Interop/upgrades from latest Lustre 2.15.x
- **Will be new LTS Branch**
- Servers
 - RHEL 10.2
- Clients
 - RHEL 9.8
 - RHEL 10.2
 - SLES15 SP7
 - Ubuntu 26.04

Number of Commits (up to Sept 18th)

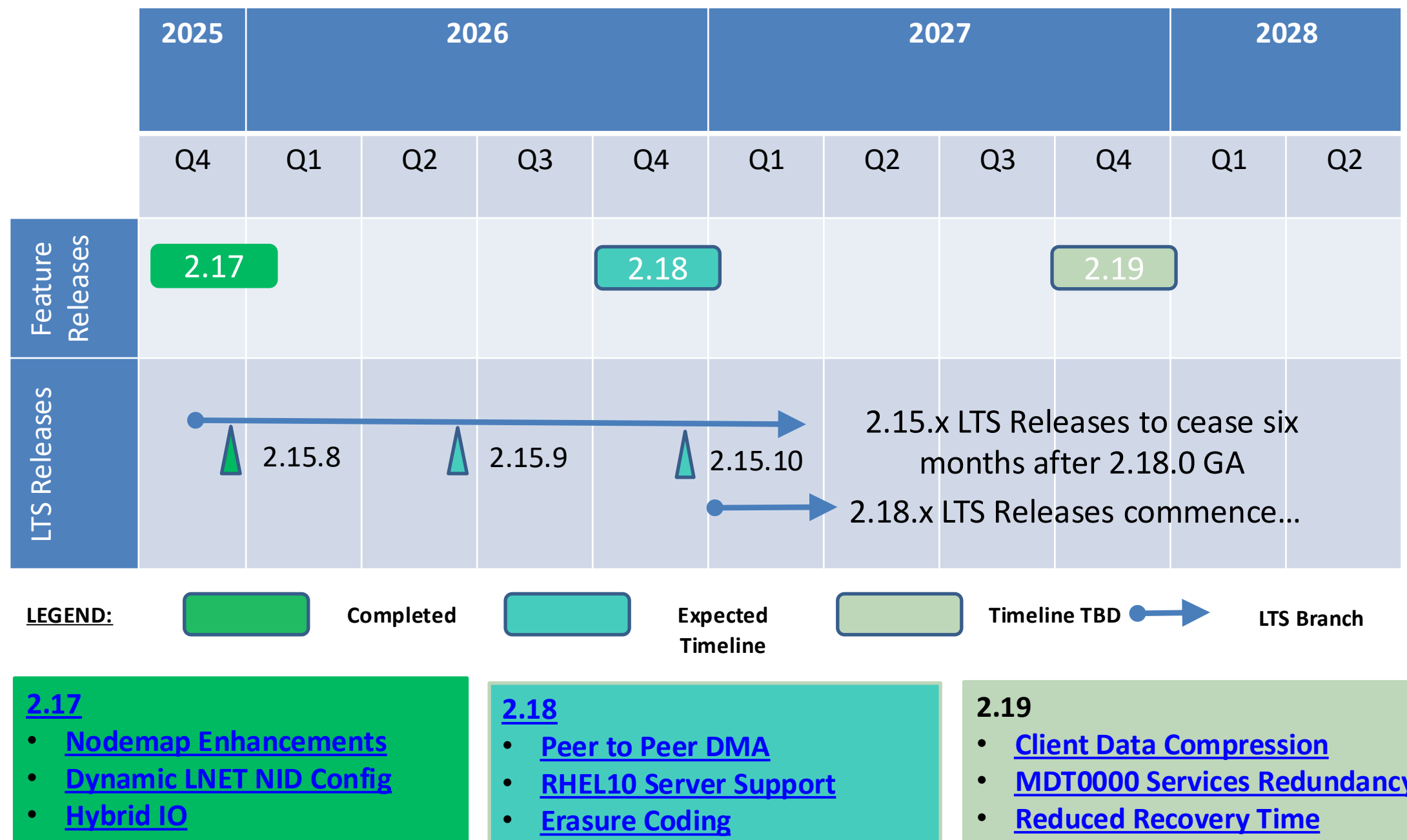


Data from <https://git.whamcloud.com/?p=fs/lustre-release.2.17.50> to master tip

Lustre 2.18 - Features

JIRA	Feature	2.18	Dev	Review	Test
LU-10026	CSDC		DDN/MSFT	DDN/MSFT/TLC	N/A
LU-10911	Erasure Coding - RO		ORNL/DDN/TLC	DDN/ORNL/TLC	DDN/ORNL/TLC
LU-18461	File Join		HPE	HPE/ORNL/DDN	N/A
LU-17819	FTM		DDN	DDN/TLC	TBD
LU-17916	Large Folio Support		HPE	TLC	DDN/TLC
LU-19921	GSS IAM		Google	DDN/TLC	N/A
LU-18222	Lustre Quota Aggregation		DDN	DDN/TLC	NetApp
LU-10499	PCC-RO		DDN	DDN/TLC	ORNL
LU-19848	Peer to Peer DMA		AWS/TLC	Google/ORNL/TLC	ORNL
LU-18667	RHEL10 Servers		DDN	DDN/TLC	DDN/TLC
LU-18456	TCU		DDN	DDN/TLC	N/A

Lustre Community Roadmap



* Estimates are not commitments and are provided for informational purposes only

* Fuller details of features in development are available at <http://wiki.lustre.org/Projects>

LUG Developer Day

- LUG Developer Day takes place either before or after the main conference
- Provides in-person time between developers from different organizations to work through development issues
- Mix of discussion and coding activities
- 16 organizations represented
 - 43 attendees; up considerably on 2025
- Mix of experience levels – goal is to broaden the development community
- Presentations available on Lustre wiki
 - https://wiki.lustre.org/Developer_Day_2026-04-30



LUG26 Developer Day

Summary

- Lustre 2.15.9 expected soon with RHEL 9.8 client support
- Lustre 2.18.0 targeted for Q4
 - Please speak to me if you can help with testing
- LWG [http://wiki.opensfs.org/Lustre Working Group](http://wiki.opensfs.org/Lustre_Working_Group)
- Please complete OpenSFS survey in the new year!

Thank you



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