Measuring Kernel testing

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LF Kernel CI Project Board Member
Ensuring the quality, stability and long-term maintenance of the Linux kernel
Testing Contributors

Community
Distros
Syzkaller

Feedback through
Mailing list, Bugzilla
Testing Overlap

Kernel Testing Coverage

- CKI
- KernelCI
- Intel 0day
- Distros
- Community
- Syzkaller
Common Reporting

- Utilize the new KCIDB schema
- Coordinate reporting of test data
- Provide place to find this data
- Email the data out
- Other sources of data input?
Can we measure testing progress?

- Have a way to aggregate test data
- Have steady pool of testers and services
- Have common testsuite in LTP and kselftests and friend
Can we add measureable stats about testing progress to the kernelci.org webpage?

**Ideas**

- Source code coverage
- drivers/hardware coverage
- Hardening coverage
- Fuzzer stats