

Measuring Kernel testing

Don Zickus - Red Hat Kernel Workflow Lead
LF Kernel CI Project Board Member





Ensuring the quality, stability and
long-term maintenance of the Linux
kernel



Testing Contributors

Community



Distros



Syzkaller

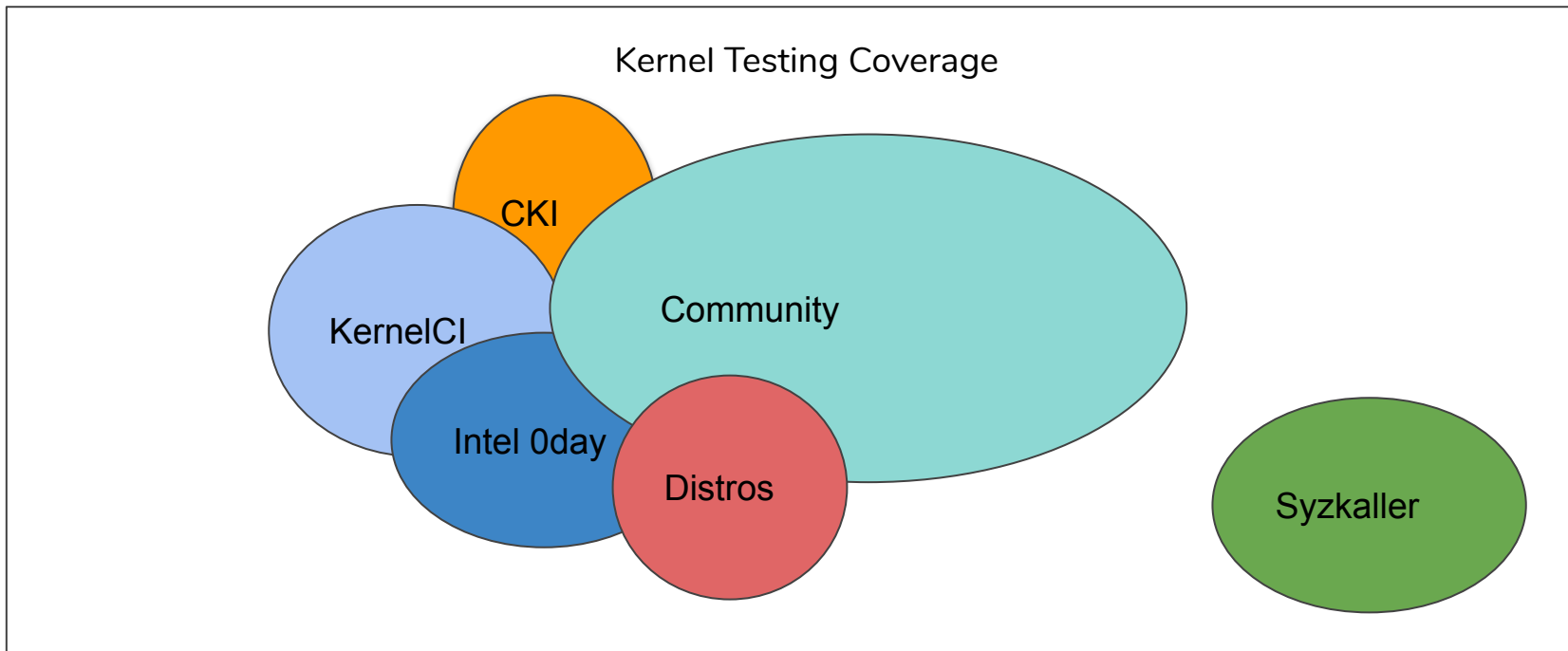
Feedback through



Mailing list, Bugzilla



Testing Overlap





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



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Effect

Can we add measurable stats about testing progress to the kernelci.org webpage?

Ideas

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

