Extending Big Data Fuzz Testing with Coverage Guidance

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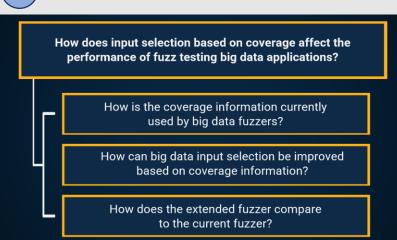
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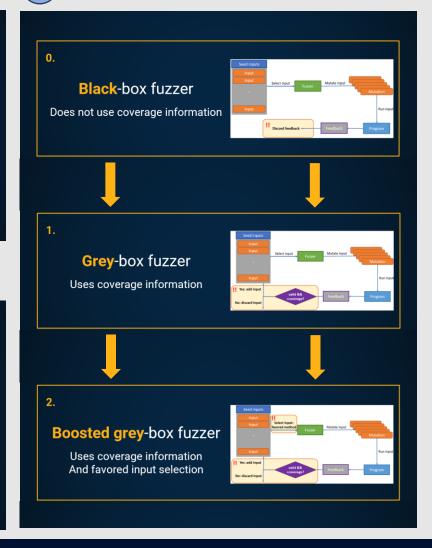






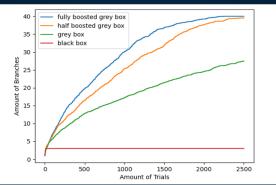


3 Method



4 Results

Coverage Improvement of Boosted Greybox Fuzzer
Over Traditional Greybox- and Blackbox Fuzzer



5 Conclusion

- Both perform at least as good as black-box fuzzing on error detection
- > Both extensions allow coverage exploration
- > Boosted grey-box fuzzing is most efficient

