Extending Big Data Fuzz Testing with Coverage Exploration

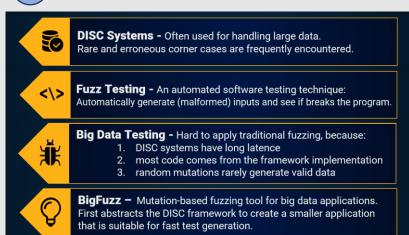
Author: Supervisor: Bo van den Berg Burcu Özkan

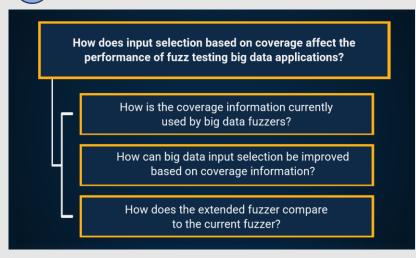
b.vandenberg-6@student.tudelft.nl b.ozkan@tudelft.nl

02-07-2021

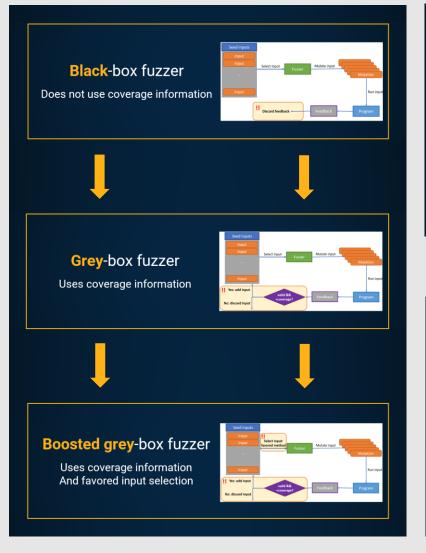


Background



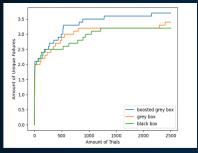


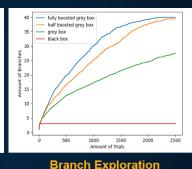
Method



Results

Comparison of black-box, grey-box and boosted grey-box fuzzer





Conclusion

Error detection



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