

COMPANY SIZE



Do the results extend to small companies?

- Large companies probably produce more mineable data
- Small company structure might make behaviour hard to study

OWNERSHIP

Can companies increase efficiency by improving code ownership?

- ~~too~~ bug triage can help
- nominal owners \neq real ownership!
- process and tools can help but developers need to take responsibility



THE SECRET LIFE OF BUGS



WITH JORGE ARANDA

SEARCH PATTERNS

Finding relevant bug info makes use of inefficient techniques

- Shotgun emails, snowball threads were common
- Modern tools like slack, wiki tools, etc. help to resolve this problem

FIXING BUGS

Git blame, version history are useful to help repair newly introduced issues

THE DATA



Can we use mined data?

- mined data is not always complete
- electronic records aren't always complete
- we should be very careful with mined data
- still, electronic traces are better than nothing



CHANGING INDUSTRY

The paper studied waterfall development projects. More research should be done to learn about agile bugs.

- We work remotely and communicate digitally more than ever. How does this change "Drop by the office"?
- It can be a message or Zoom, but it still happens