





3



**YIKES**



THE UNIVERSITY OF CHICAGO

- HOW DO WE **DEBUG**?
- **WHERE** ARE THE PROBLEMS?
- **PROPAGATION** MAKES IT TRICKIER.
- HOW DO WE FIND THE **SOURCE**?



3

@ANIMATIONS



3





4



5



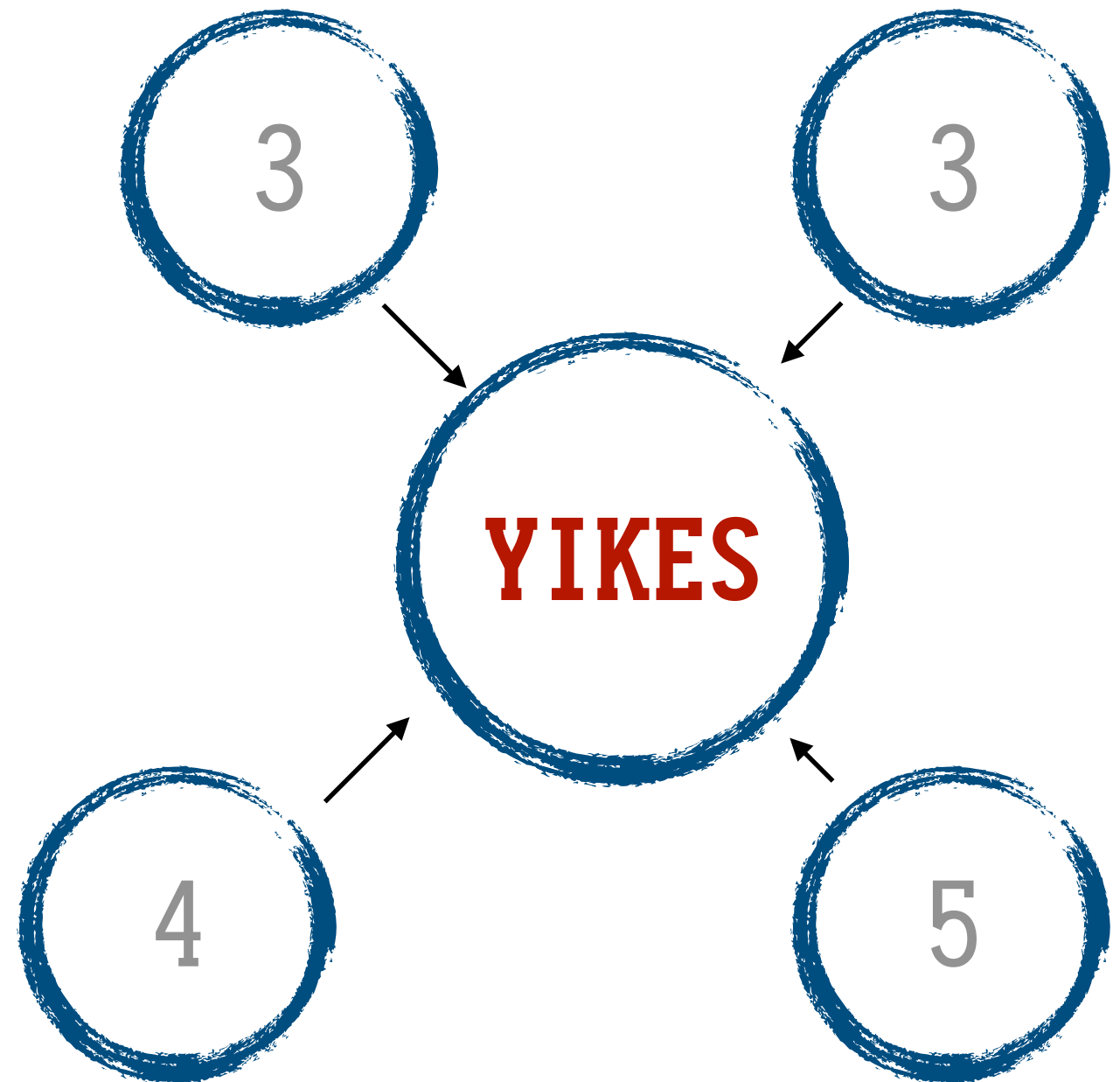






# GIT BLAME

- HOW DO WE **DEBUG**?
- **WHERE** ARE THE PROBLEMS?
- **PROPAGATION** MAKES IT TRICKIER.
- HOW DO WE FIND THE **SOURCE**?



# PROVENANCE

- WE CAN **TRACK** CONTRIBUTORS.
- WE CAN SEE **ERROR** CONTRIBUTORS.
- **DEBUGGING** IS MUCH EASIER!
- IT'S FAIRLY **MANUAL**, THOUGH.
- POTENTIAL FOR **NOISE**.

