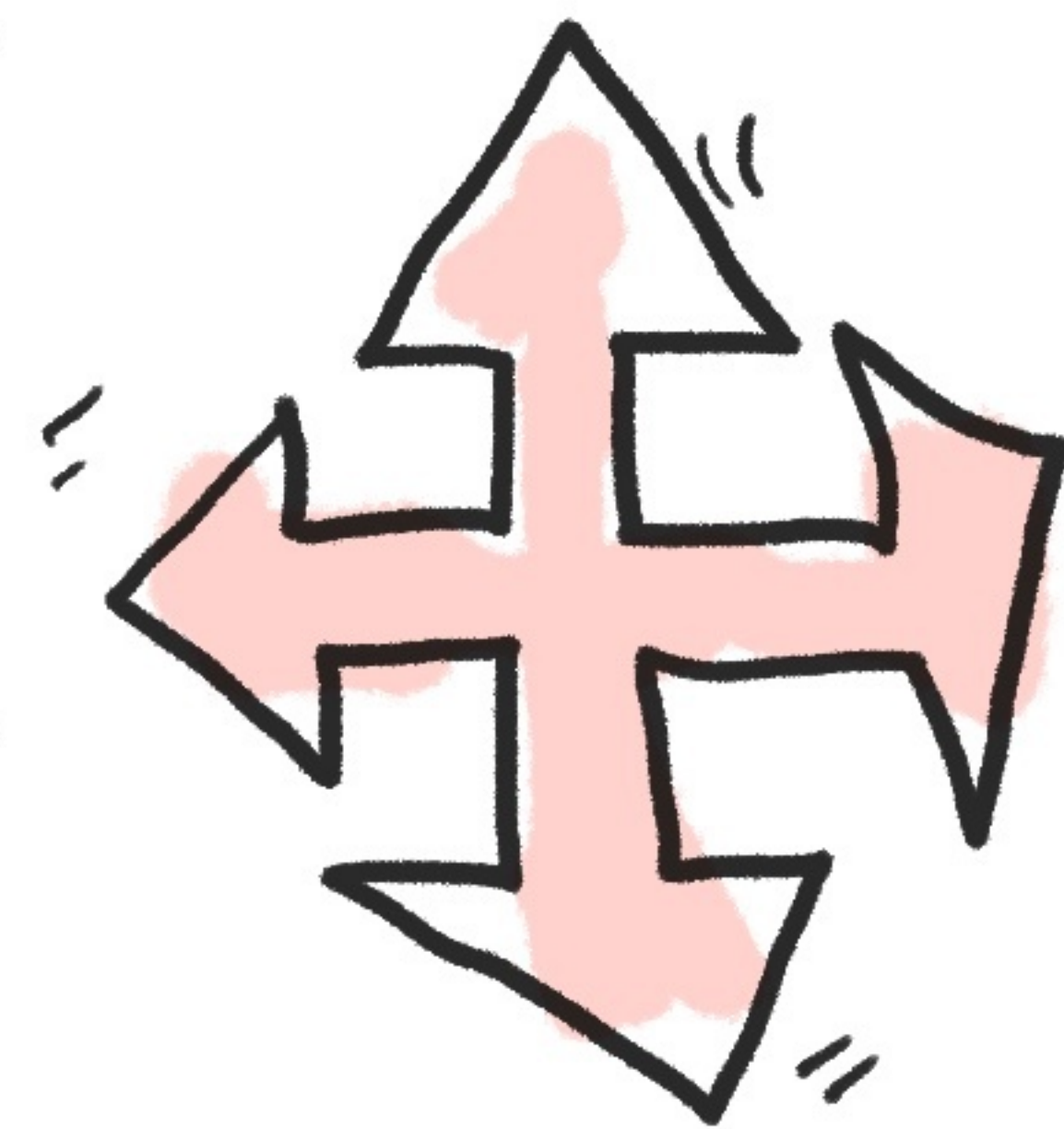


#NO HOBBYISTS TRACY BANNON

MANY VULNERABILITIES

"SHIFT LEFT!"
"SHIFT EVERYWHERE"

SECURITY ACTIVITIES
START AT DESIGN



SHIFTING WILL FAIL
UNLESS YOU ARE HOLISTIC

- PEOPLE
- PROCESS
- TECH
- CULTURE

START WITH BUILDING
A NEW CULTURE
BUT DON'T START
FROM SCRATCH

DEVELOPERS AREN'T
WIZARDS WAVING WANDS
TO STOP
HACKERS

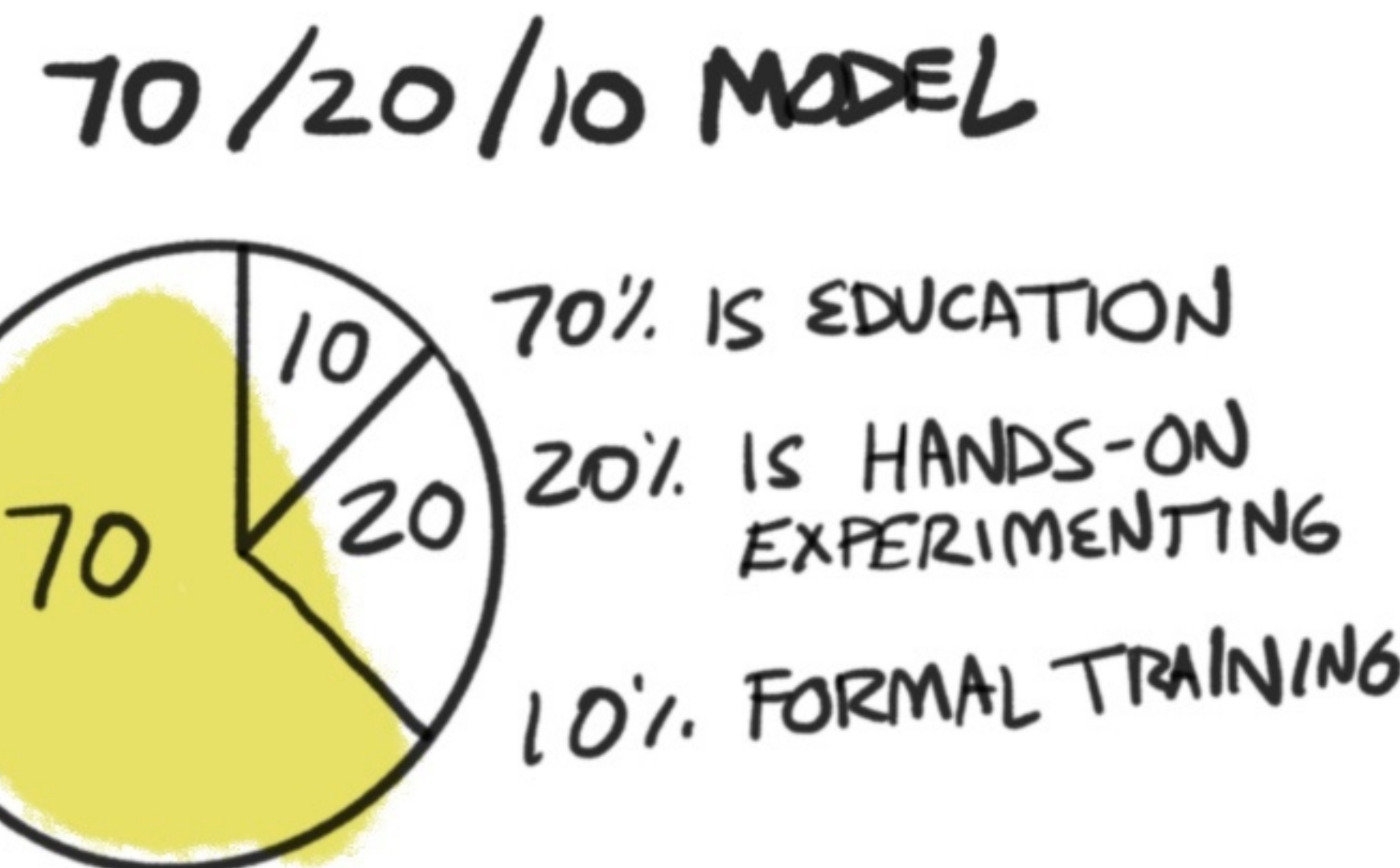
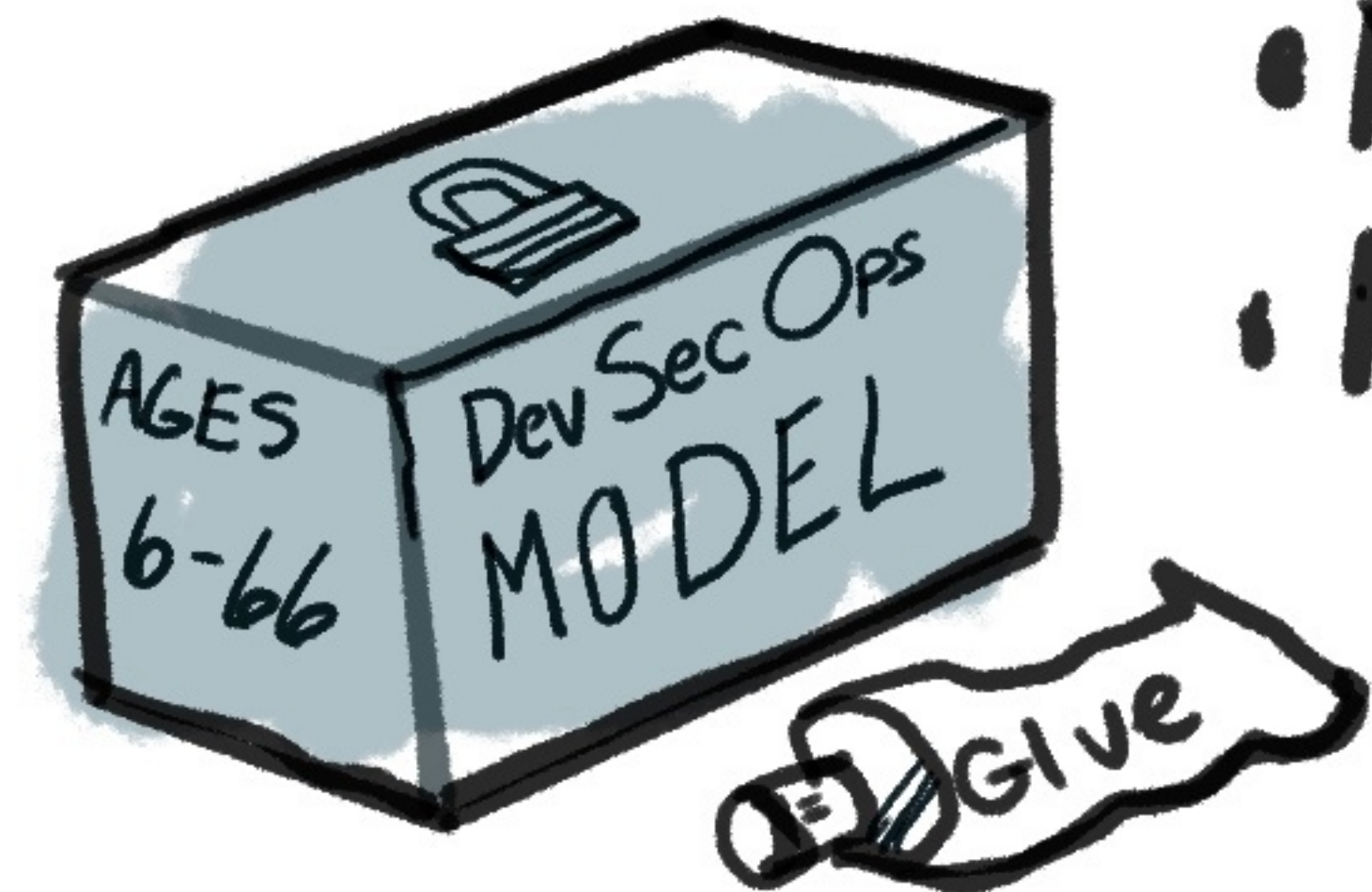


THREAT MODELING
IS A TEAM SPORT
WHAT CAN GO WRONG!?



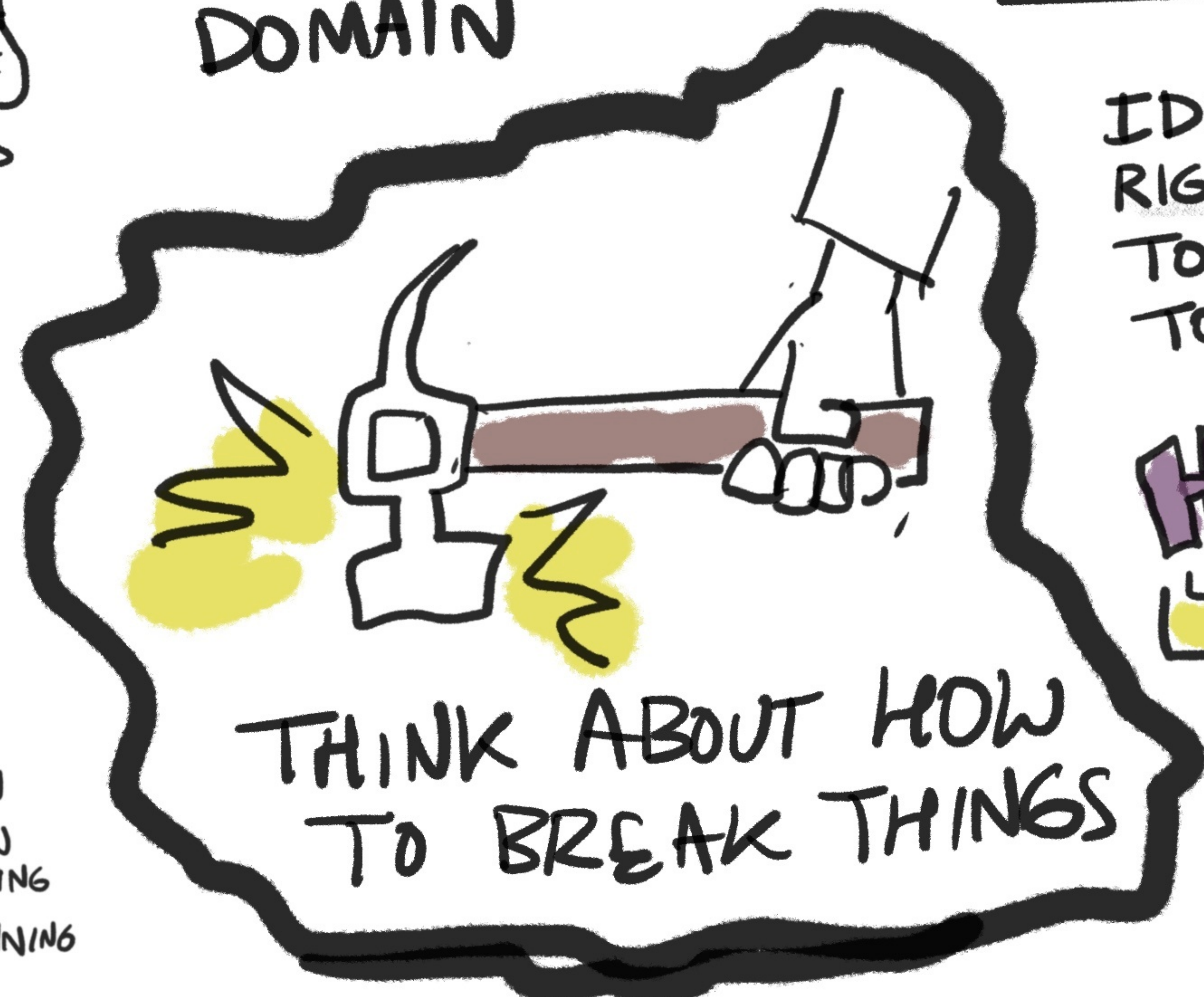
DEVELOPERS ARE OFTEN
SECURITY HOBBYISTS

- New responsibility
- New tools
- Experimentin



SECURE BY DESIGN

- THINKING ACTIVELY
- MAKING DECISIONS
- UNDERSTAND THE DOMAIN



TOGETHER
Means Transparency
• Align the streams + document dependencies

IDENTIFY WHAT'S
RIGHT FOR YOUR ORG.
TO GO FROM HOBBY
TO PRO

Hobby
→ PRO

NON-CLASSROOM TRAINING

- GAMIFICATION-HACKATHON OR COMPETITION



BE PASSIONATE
ABOUT TESTING
+ EXPERIMENTATION

