SECURING THE DEVELOPMENT \$ SUPPLY CHAIN OF OPEN-SOURCE S.W.

DEREK WEEKS, LINUX FOUNDATION

STORY: NATIONAL ONION RECALL · ECOLI OUTBREAK ON RADIO '37 STATES

· FROM MEXICO

ABLE TO RECALL

- SOURCE

- SUPPLY CHAIN - CONSUMERS



AIRBA65 TAKATA - PIECES OF METAL

- · TOYOTA KNEW Where cars WERL + BUYCAS
- · ABLE TO DO BEGAUSE OF MANAGED SUPPLY CHAIN

SW CHAIN IS NOT LIKE FOOD/AUTO

MFG. HAVE KNOWLEDGE + VISIBILITY ON PARTS THEY CAN FIND + FIX DEFECTS

OPEN SOURCE SW DEV.

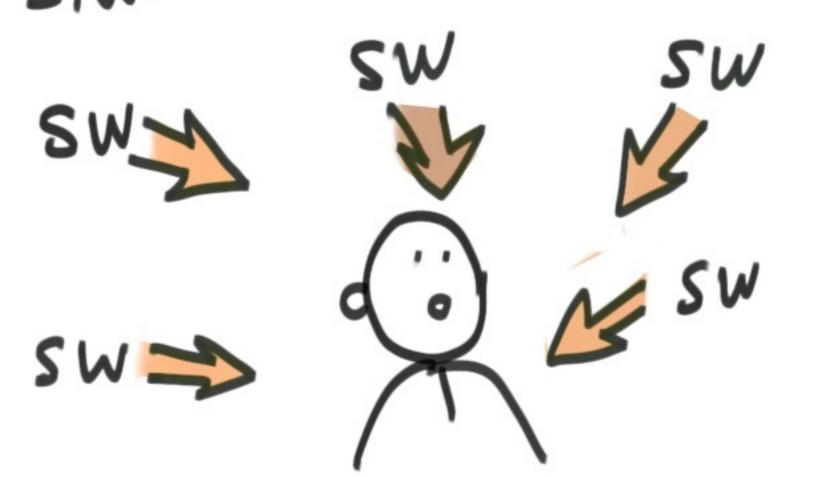


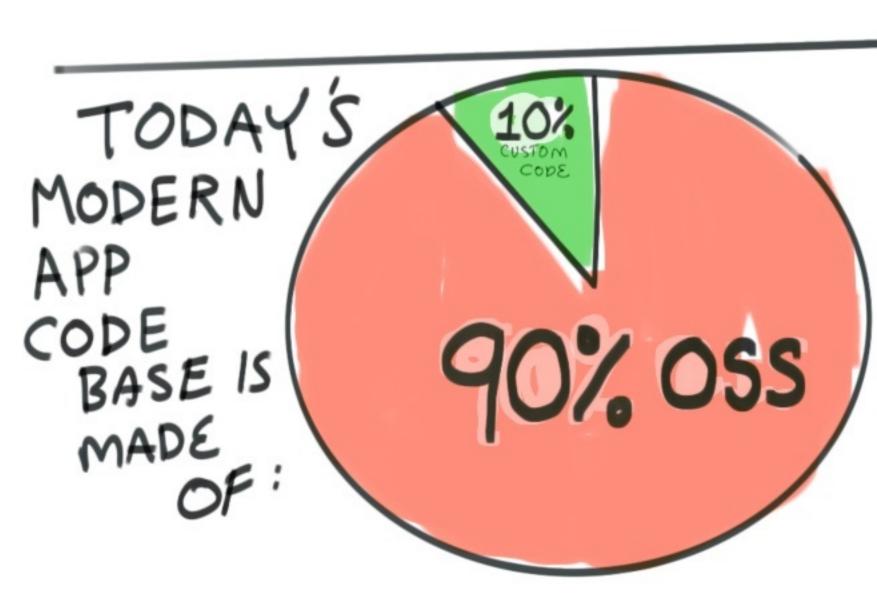


OSS - OPEN SOURCE SW

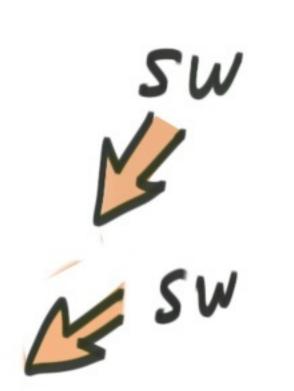
- . TODAY, APPS NO LONGER WRITTEN FROM SCRATCH
- DEVELOPERS ARE LEVERAGING OPEN SOURCE TO BUILD S.W.
- > MADE BY DEVELOPERS FOR DEVELOPERS

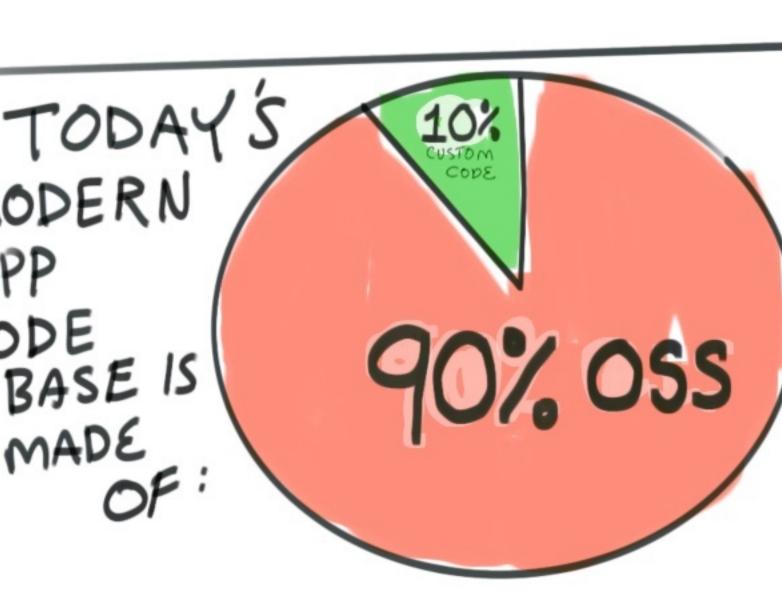
S.W. SUPPLY CHAIN.





YOU HAVE MORE THAN ONE





WE'RE ABLE TO BUILD 1 + DEPLOY FASTER W/OSS Bul

> NOT ALL OSS ARE CREATED EQUAL

30% HAVE KNOWN VULNERABILITIES

TRADITIONAL MFG., THE PROCUREMENT DEPT. VETS THE SUPPLIERS FOR THEIR MFG.

PROCULEMENT. IN OSS EACH DEVELOPER, 15 À PROCUREMENT OFFICER

SW SUPPLY CHAIN BREACHES UP



I VOLVO EXAMPLE. EARLY LEADER IN SAFE AUTOS

SOON SW SECURITY IN CONSUMER PROPUCTS + BUSINESS WILL BE KAW COMPANIES COMPETE

WHAT CAN BE DONE?

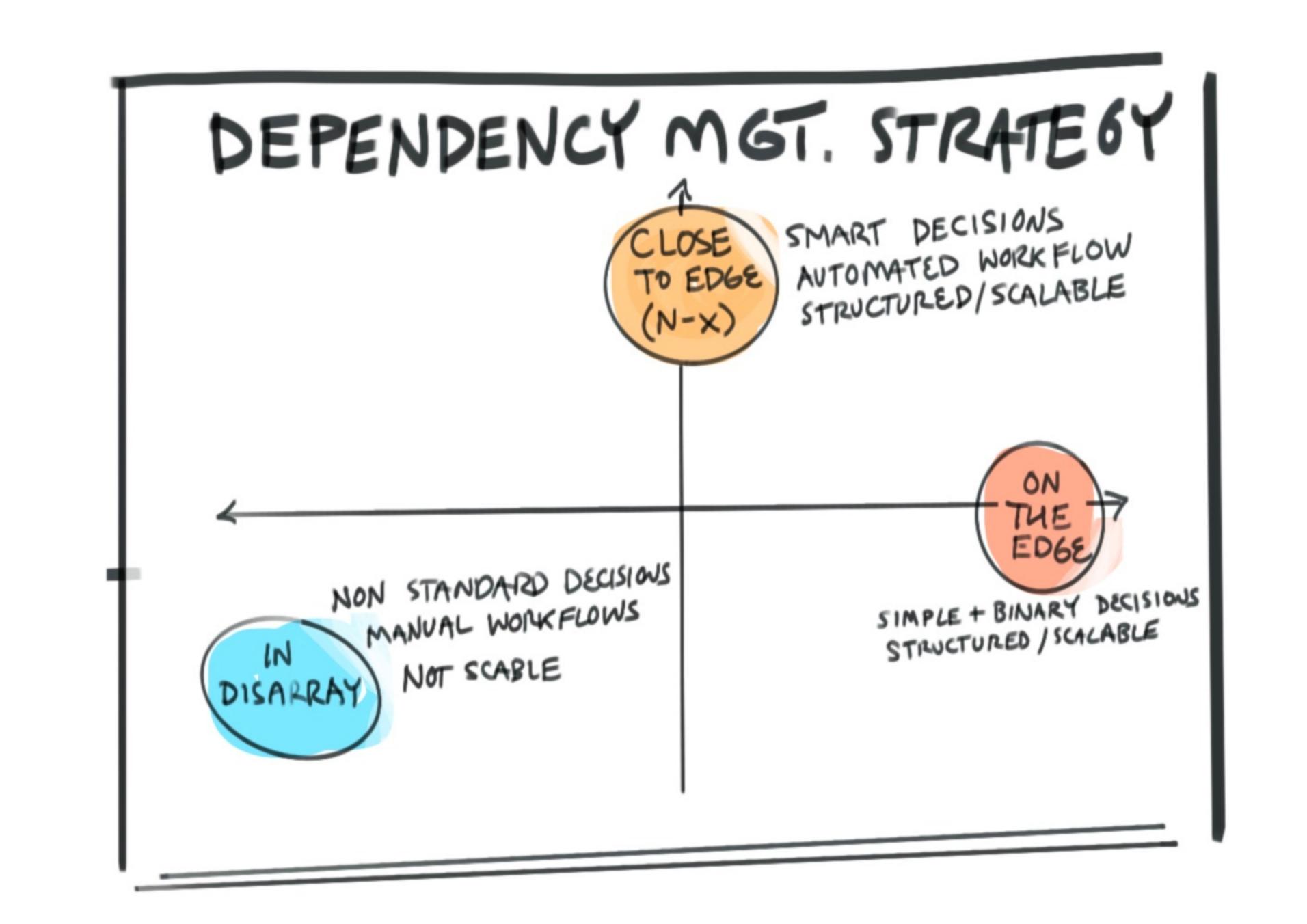
- OSS IS AT CENTER
- · SECURITY IS CRITICAL
- · ADVESARIS WINNING 1. GOVTS. DEMAND

ACTION

1 ACKNOWLEDG DEPENDENCESI OSS 100

1. FIX KNOWN VULS. 1. TRACK + TRACE I NEW OSS VULSI 1. LINUX ISO STANDARD

SPDX



THE OLD ADVERSARY GAME



DISCOVERY



THE NEW ADVERSARY GAME









ADVERSARIES, ARE BECOMING DEVELOPERS!

S INJECTIVE ZERO DAY AT THE IS INCEPTION. COPE.

> ADVERSARIES ARE LOOKING AT EVERY STEP ALONG THE WAY SOURCE PACKAGE · BUILD · DEPENDENCIES I