

adorsys

June 2026

Zombies Alive

Reviving OntoWiki with Black Magic

adorsys

Technology Innovation



Motivation

OntoWiki's reputation

- Well-known within AKSW and ETI for having a lot of features
- My career began after the decline of OntoWiki, so I never experienced its reputed greatness

Exploration of tools that can be bundled with Semantic Data Products

- Data alone is not enough
- Users also expect a way to view and interact with data

Motivation

OntoWiki's reputation

- Well-known within AKSW and ETI for having a lot of features
- My career began after the decline of OntoWiki, so I never experienced its reputed greatness

Exploration of tools that can be bundled with Semantic Data Products

- Data alone is not enough
- Users also expect a way to view and interact with data

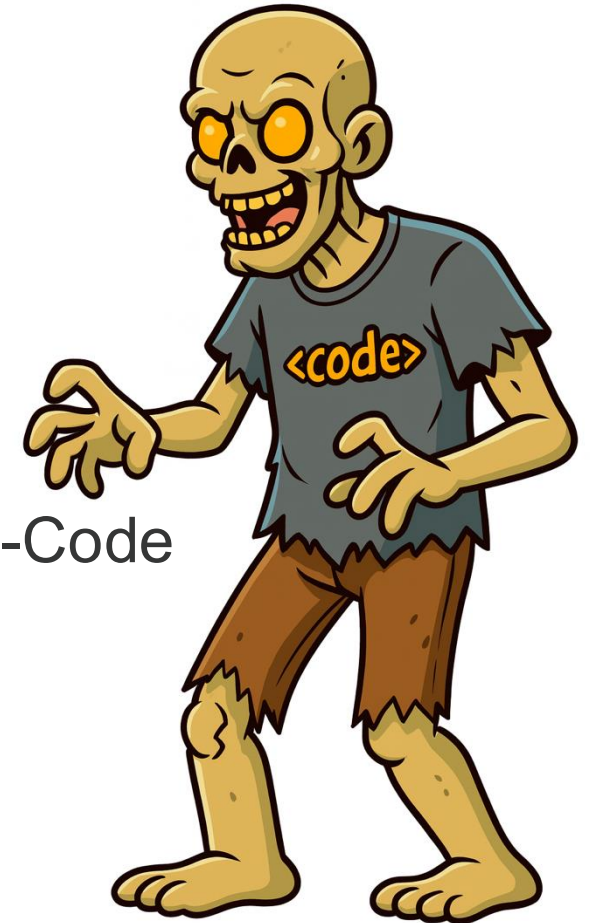
Das Problem des Legacy-Codes

70% der Software in Fortune-500-Unternehmen
ist älter als 20 Jahre

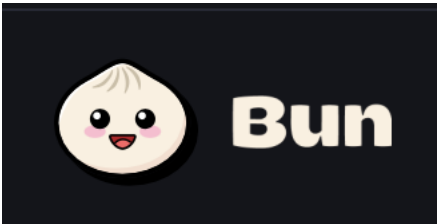
60% der Organisationen mit COBOL-Code
haben Schwierigkeiten, Entwickler zu finden

220.000.000.000 Zeilen COBOL-Code

auf ca. **1.000.000** Entwickler



Recently on porting code with AI



Nextpad++ for Mac

Nextpad++ is macOS native editor for Apple Silicon and Intel Macs.
This project is an open-source and independent community port of Notepad++ to macOS

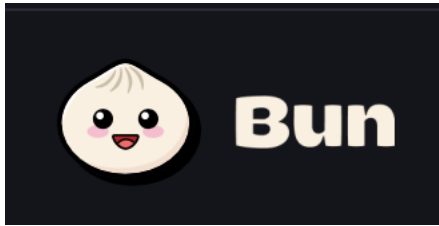
[↓ Nextpad++ Download for macOS](#)

[Version 1.0.7 Release Notes](#)

[Learn More](#)

Version 1.0.7 · May 27, 2026 · Apple Silicon & Intel · macOS 11+

Recently on porting code with AI



AWS Transform custom

Transform any code pattern and crush tech debt with AI-powered custom modernization agent

Get started with AWS Transform

Explore the interactive demo



Nextpad++ for Mac

Nextpad++ is macOS native editor for Apple Silicon and Intel Macs.

This project is an open-source and independent community port of Notepad++ to macOS

1.0.7 Release Notes

Learn More

Apple Silicon & Intel · macOS 11+

Results

Results

I failed

Results

I failed

BADLY

Results

I failed

BADLY



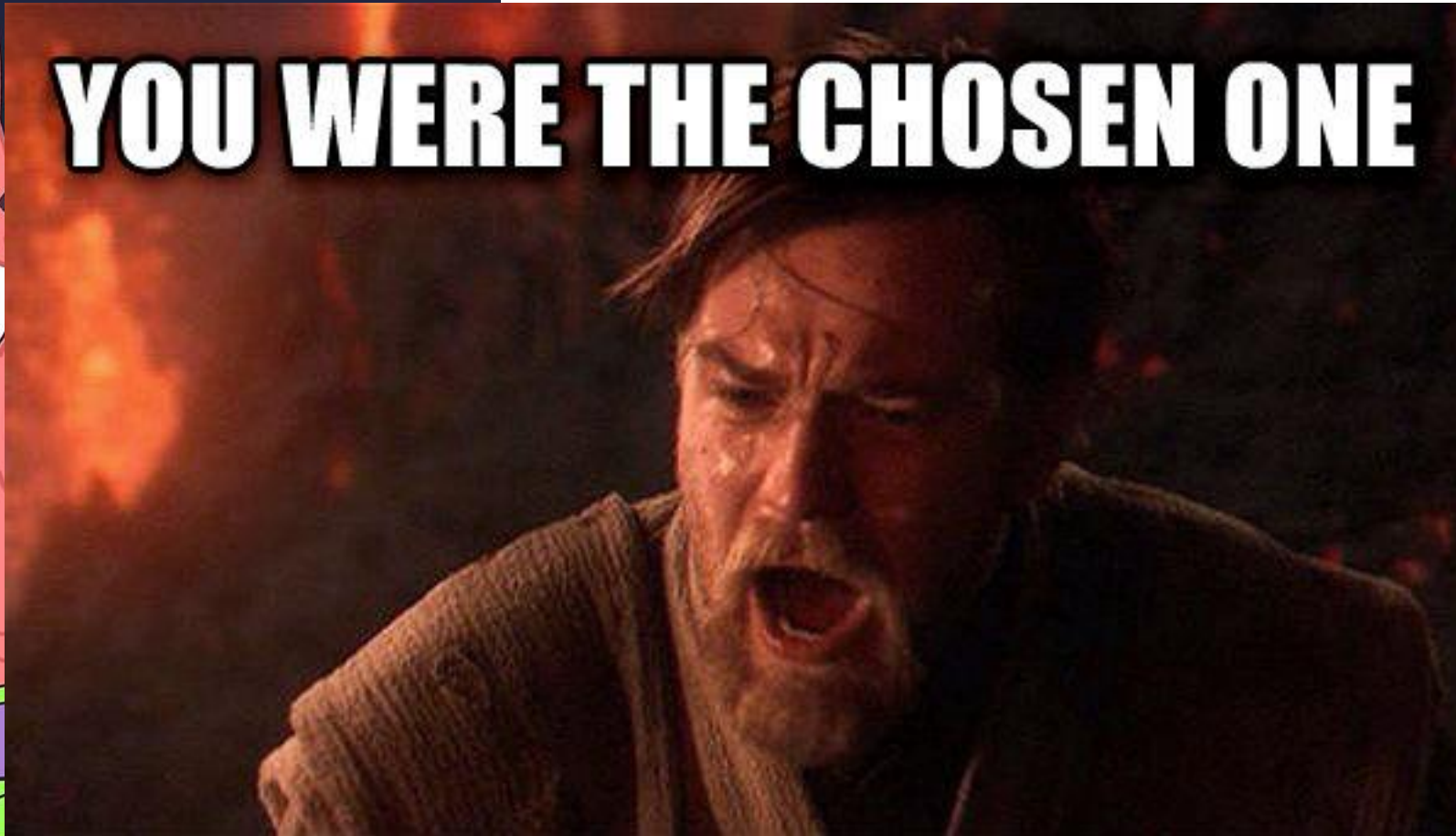


Results

I failed

BADLY



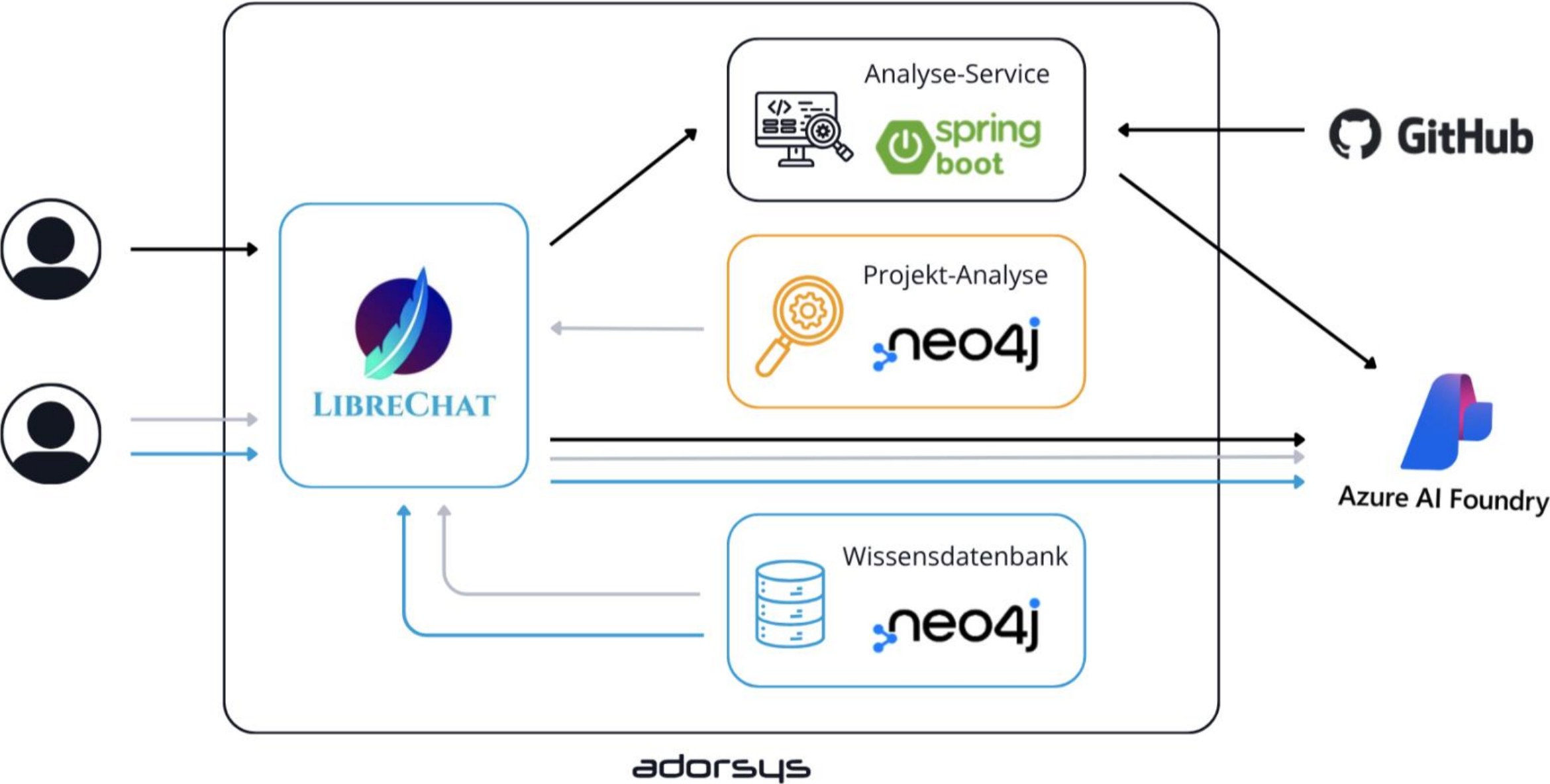


Seven Design

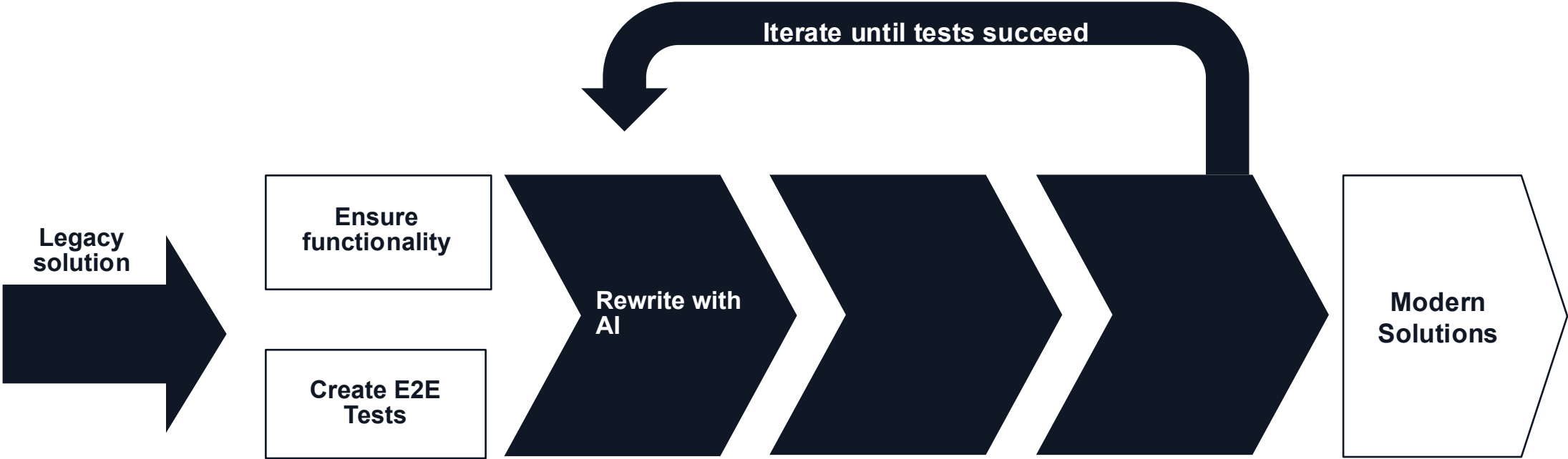
But why?

Analysis

Plattform



Approach

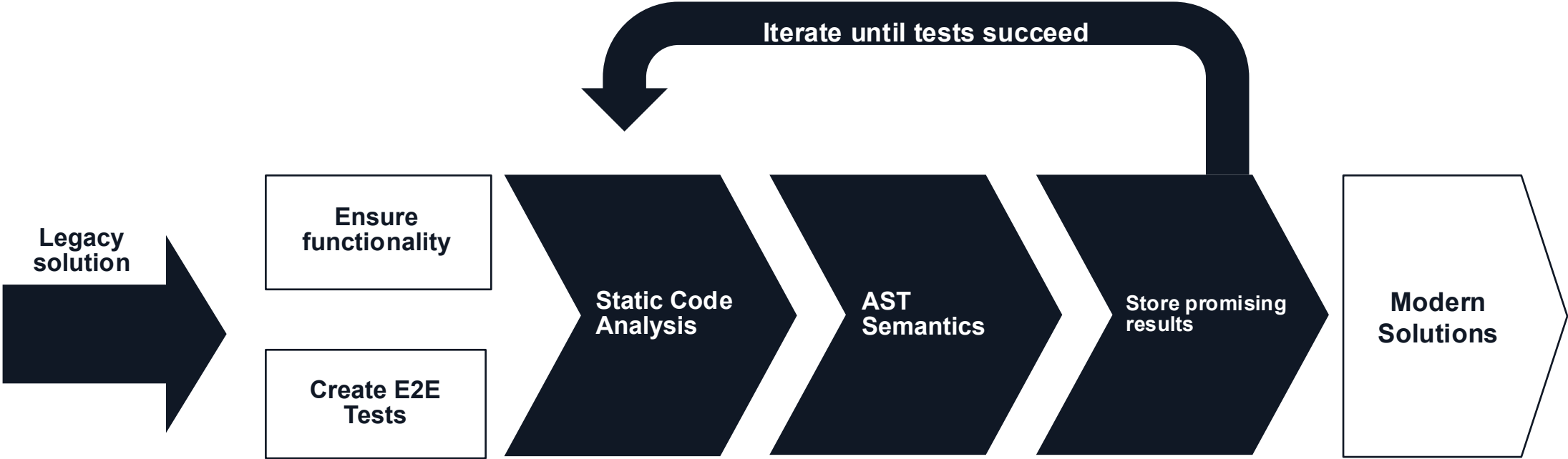




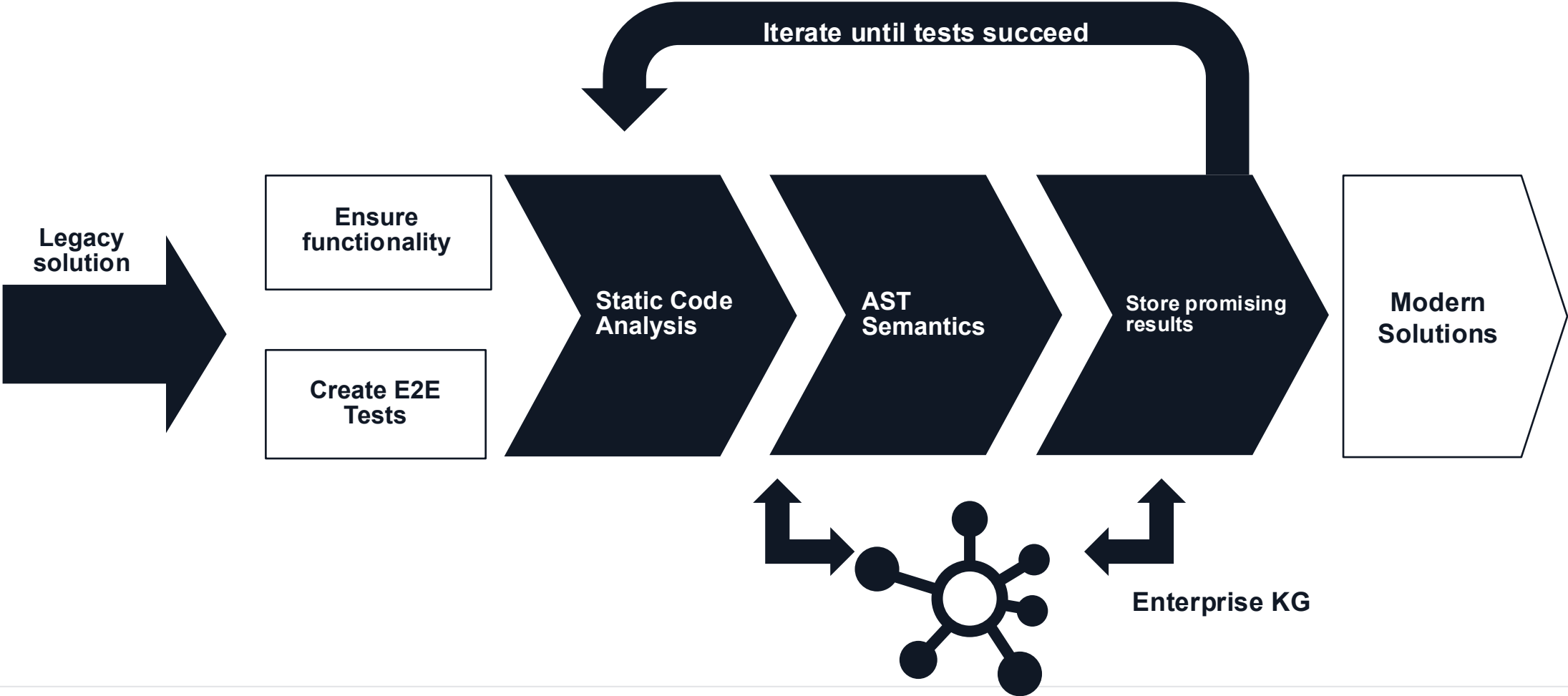
A hand is holding a black rectangular object, possibly a tablet or a piece of paper, in front of a chalkboard. The chalkboard has a complex graph drawn on it, featuring a central vertical axis and several horizontal and diagonal lines connecting nodes. The text "KNOWLEDGE GRAPH" is overlaid on the image in a bold, white, sans-serif font with a black outline. The background is slightly blurred, showing a classroom setting with a chalkboard and some papers.

KNOWLEDGE GRAPH

Approach



Approach



Analysis: Why Did I Fail?

Time constraint

- Timeboxed to 10h
- Initial setup took longer than expected



Analysis: Why Did I Fail?

Time constraint

- Timeboxed to 10h
- Initial setup took longer than expected

Skill issue

- Knowledge of underlying tooling too shallow
- Highly optimized for COBOL

Over-engineering (skill issue)

- Not focused on simple solution
- Premature optimization on reuse and scalability
- No YOLO approach

Analysis: Why Did I Fail?

Time constraint

- Timeboxed to 10h
- Initial setup took longer than expected

Skill issue

- Knowledge of underlying tooling too shallow
- Highly optimized for COBOL

Over-engineering (skill issue)

- Not focused on simple solution
- Premature optimization on reuse and scalability
- No YOLO approach

Modeling and Discovering Vulnerabilities with Code Property Graphs

Fabian Yamaguchi*, Nico Golde[†], Daniel Arp* and Konrad Rieck*

*University of Göttingen, Germany

[†]Qualcomm Research Germany

•2014 Proc. of the 35th IEEE Symposium on Security and Privacy (S&P)

Next Steps



Next Steps





Thank you

adorsys.com

dataweek2026@adorsys.com

adorsys