

# Getting off the Scan-and-Fix Hamster Wheel with Generative AI

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2007



2014



2019



2023

2003



2010

[:] SourceClear

2018

VERACODE

2022



Code Analysis Tool for .NET v2.0

Botwall4J

[SRC CLR] SCA Agent

DIDAR – Database Intrusion Detection with Automated Recovery

HIP/SLEEK :Automatic Verification and Specification Inference System

GramTest

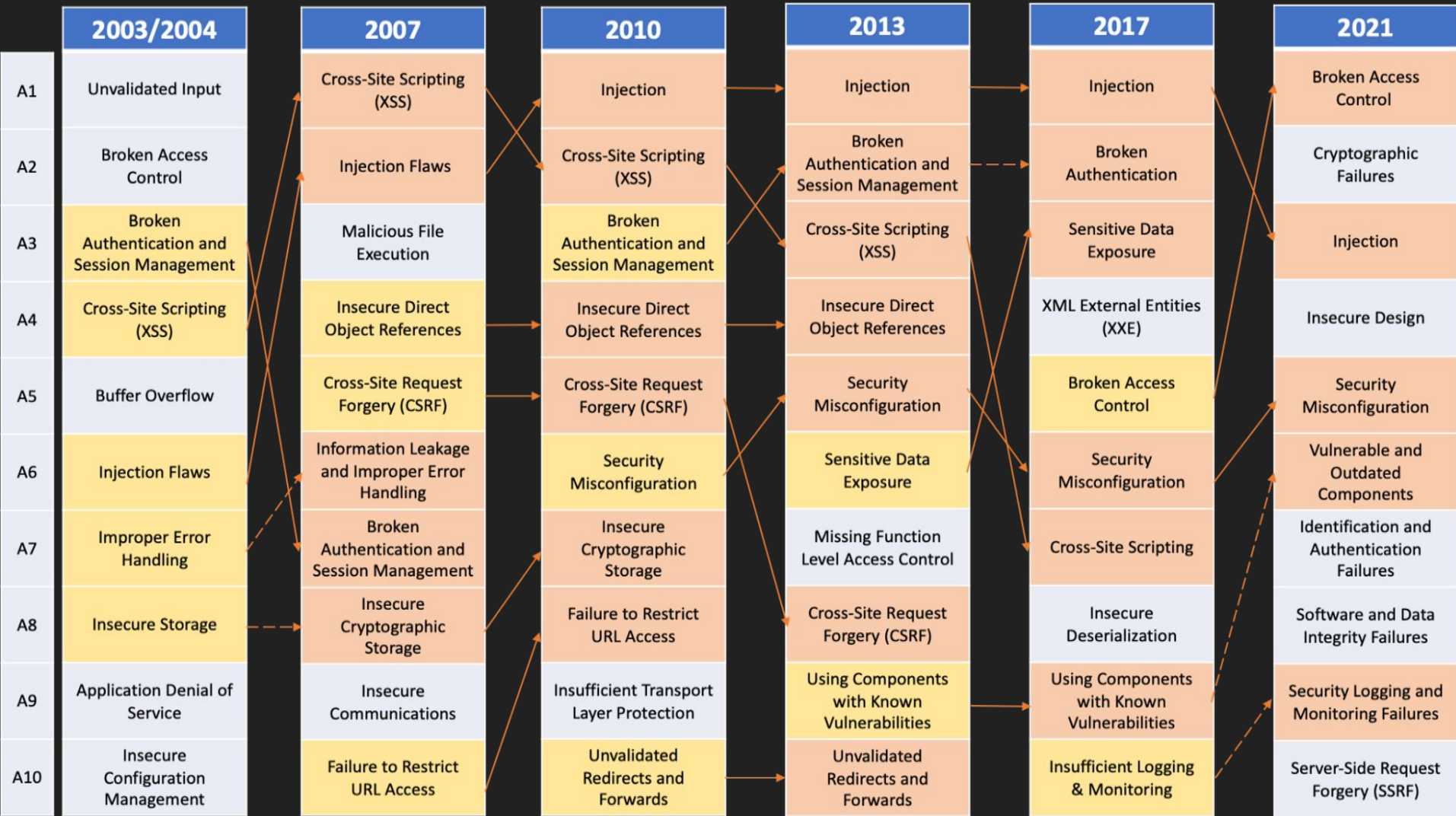
AutoFix  
Static Analysis + LLM = AutoFix



*building security tools  
for developers*

*v/s*

*developer tools for  
security*



# Breaking the Cycle: Beyond Scan-and-Fix in AppSec



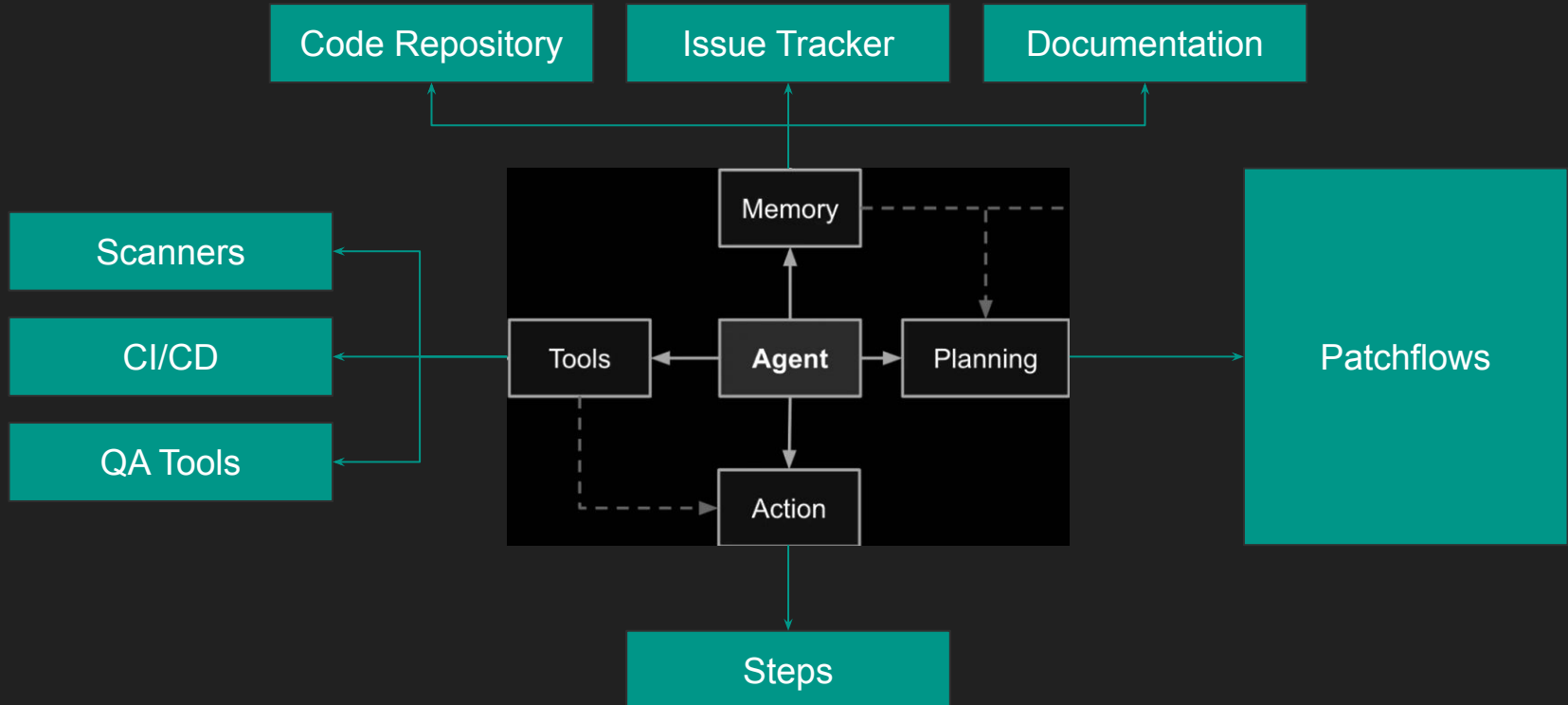
- Old Ways, New Challenges
  - Stuck in a "scan and fix" loop, traditional SAST/DAST tools leave us chasing vulnerabilities, not proactive security.
- Shift Left Illusion
  - Moving security earlier in the SDLC doesn't stop the cycle; it starts it sooner, overburdening developers with endless issues to fix.
- IDE Interruptions
  - Real-time scanning in IDEs promises security but disrupts developer workflow, compromising productivity with constant alerts and system overhead.

*This pattern is just wrong. It's broken. We've seen a history of the challenges following this pattern does in working with developers." —Chris Romeo*

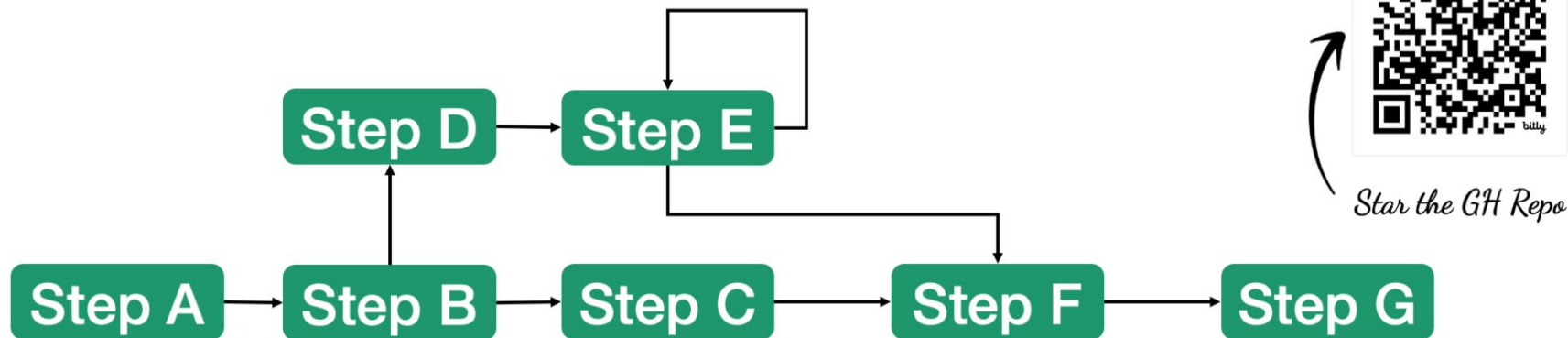
# Introducing Patchwork

An **open-source** framework that **effortlessly** integrates into and **automates your SDLC tasks**, while giving you complete **flexibility** and **control**.

# Patchwork Overview



# Patchflow



 Patchwork

<https://github.com/patched-codes/patchwork>



# AutoFix

5,000+ Vuls Patched

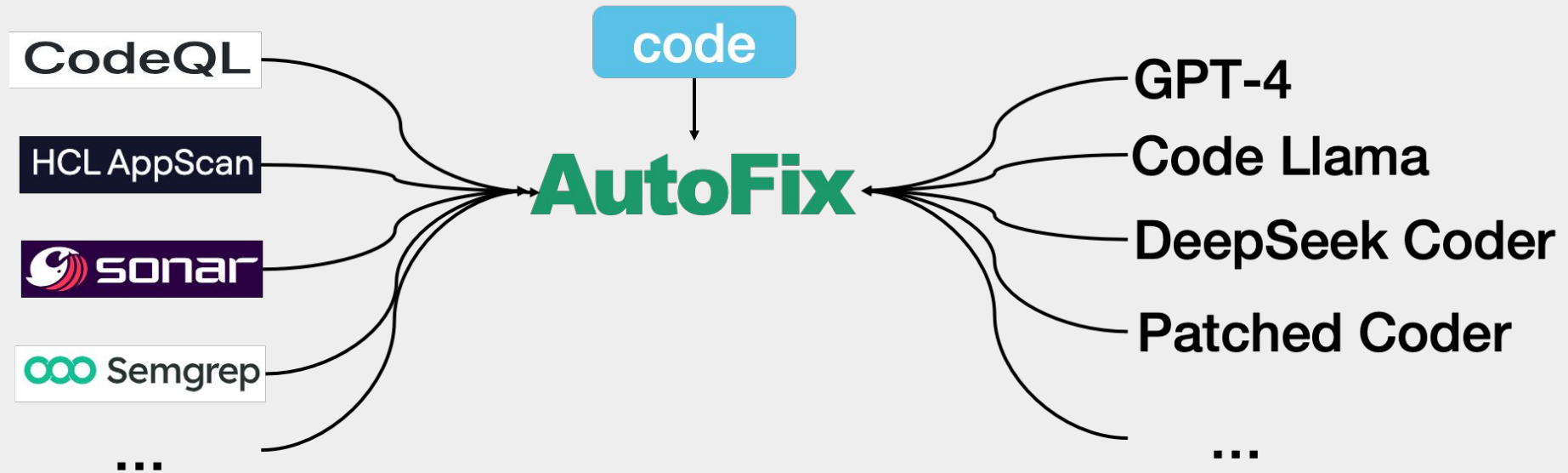


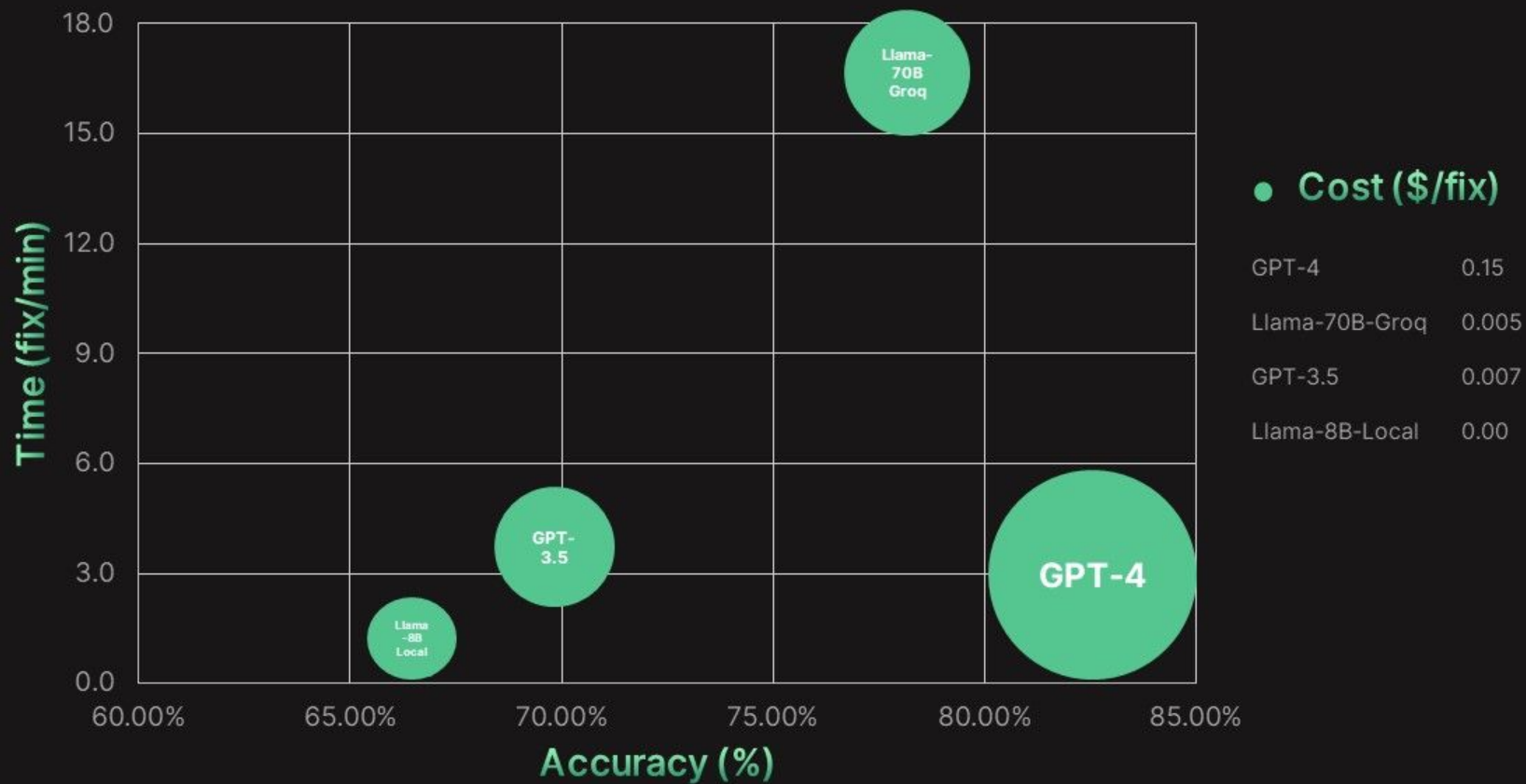
 Patchwork

```
patchwork AutoFix sarif_file_path=results.sarif severity=critical patch_template_file=customprompts.json
```

<https://github.com/patched-codes/patchwork>

# SAST + LLMs





# Why Patchwork?

Integrated with  
IDE, CLI and CI

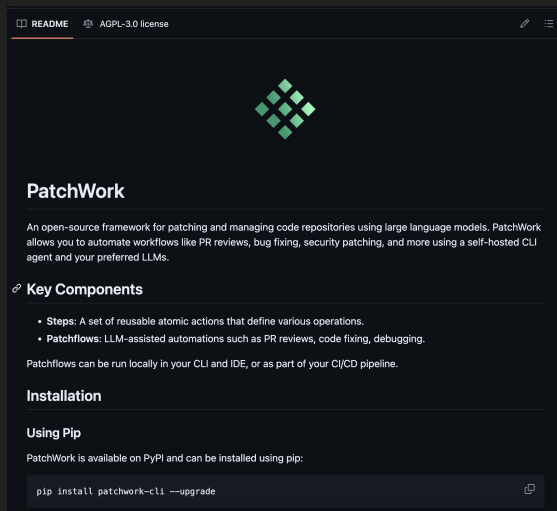
Extensible with  
Steps



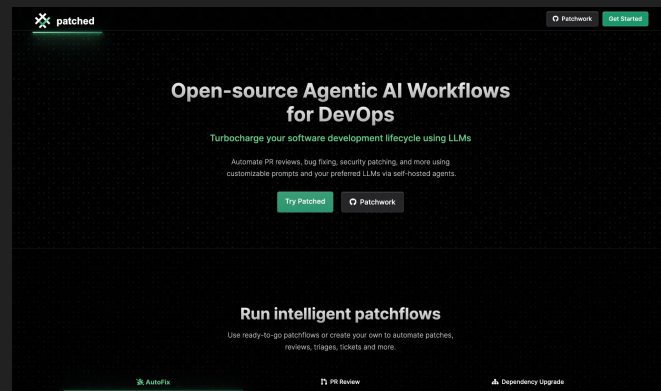
Works with any  
LLM

Customizable with  
prompt templates

# Demo



<https://github.com/patched-codes/patchwork>



<https://patched.codes>



Thank You!

