Function-level Vul. Detection

Vul. Software (Current)

highlight files changed by the fix

Vul. Fixing Commit (From Future)

All Code Files → Files Changed by Fix → Detector → *Detecting Vul. Functions from Changed Files*

Ours: Repo-level Vul. Detection

Vul. Software (Current)

All Code Files → SAST or LLM Detector → *Detecting Vul. Functions from All Files in the Repo.*