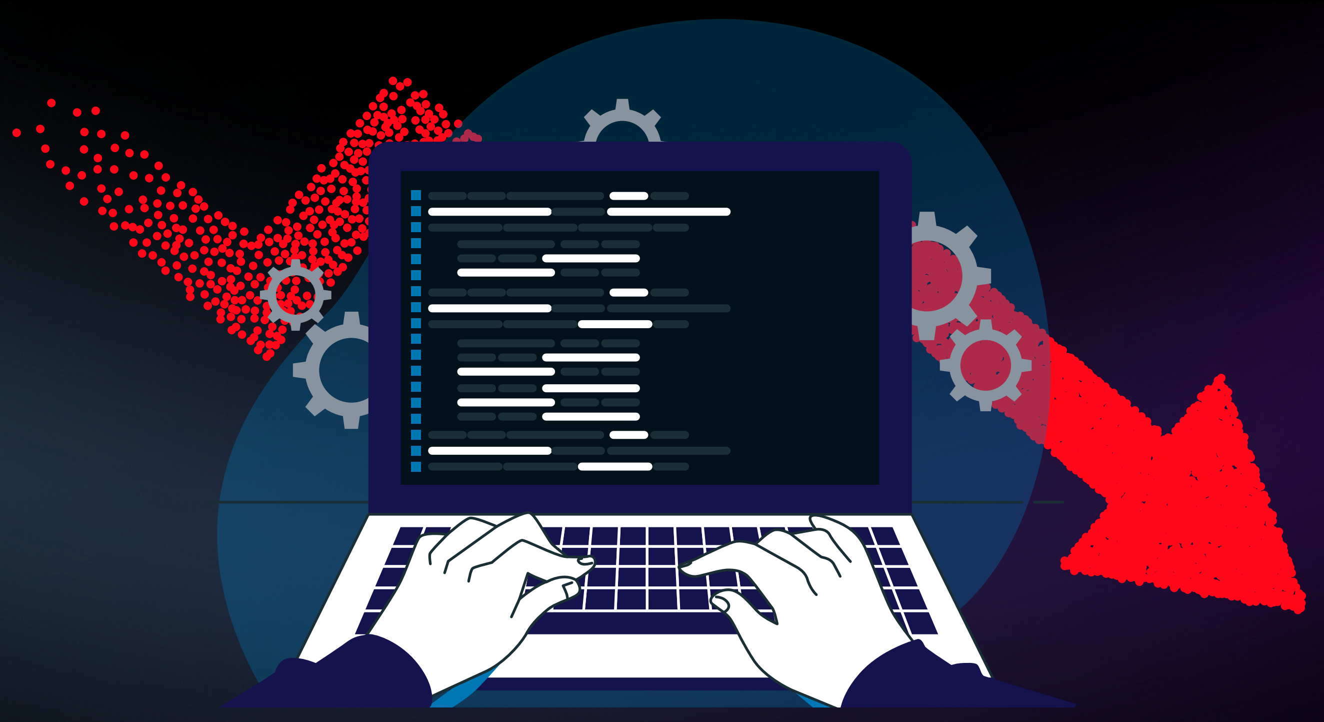
CodeLogic

The True Cost of Technical Debt

And How CodeLogic Clears the Clutter



What is technical debt?

Technical debt refers to the extra cost and work that you "owe" when code that is easy to implement in the short run is used instead of applying the best overall solution.

Technical debt can accumulate in several ways:

- **Rushed development cycles** pushing teams to opt for quick fixes rather than the best solutions
- **Outdated technologies** that haven't been updated or replaced
- **Insufficient documentation** that leads to costly refactoring

The Cost of Technical Debt

33%

Engineers spend 33% of their time dealing with technical debt. That amounts to $1.65M/year for a 50-person software engineering team getting paid $100k each.

20%

30% of CIOs say that 20% of their technical budget for new products is diverted to resolving issues related to technical debt.

93%

93% of engineering leaders are experiencing technical debt, and 7% have experienced it in the past.

30%

Organizations are spending 30% of their IT budgets and 20% of IT effort (human resources) on technical debt management.

How CodeLogic Tackles Technical Debt

CodeLogic is the first-of-its-kind Continuous Software Intelligence Platform (CSI) that tackles technical debt by enhancing visibility and enabling proactive management in software development.

Easily see code dependencies to identify potential problems

CodeLogic provides a comprehensive, real-time view of entire codebases and their dependencies. This deep visibility helps teams understand the structure of their applications and identify potential problem areas before they lead to more significant issues.

Analyze the impacts of code changes in real-time

With CodeLogic's real-time impact analysis features, developers can see the immediate consequences of their code changes. This allows for better decision-making and reduces the likelihood of introducing new technical debt.

Prevent technical debt by planning proactively

CodeLogic includes tools such as the Impact Assessment and Release Assistant, which aid in careful planning and decision-making. These tools help prevent the accumulation of new technical debt by allowing teams to strategize and assess the impact of changes before they are made.

Best Practices for Managing Technical Debt

Software development teams should seriously consider integrating CodeLogic into their day-to-day development workflows to help maintain cleaner codebases and prevent technical debt from accumulating in the first place.

Conduct Regular Reviews

Use CodeLogic to conduct regular code reviews and dependency checks. This helps in identifying and addressing technical debt early on.

Incorporate CodeLogic into CI/CD Pipelines

Embed CodeLogic's tools into your continuous integration and continuous deployment pipelines to continuously monitor and manage technical debt.

Leverage Data for Decision Making

Utilize the data and insights provided by CodeLogic to make informed decisions about refactoring efforts and technical debt reduction.

Test drive CodeLogic and see how it can free you from technical debt

Technical debt doesn't have to be a project killer and team-demoralizer. With the right tools like CodeLogic, software development teams can gain the visibility and control needed to "code fearlessly" and prevent technical debt even before it accumulates.

Schedule your demo of CodeLogic now!

CodeLogic

https://codelogic.com/