3ème édition de la

Soirée du Test Logiciel Bordeaux

📅

3 avril 2025

17h à 22h30

📍

École de Turing, Bordeaux

Soirée du test logiciel
Bordeaux

IA & génération de code : gardez le contrôle

Arthur Magne

The Essence of AI: Absorbing Data
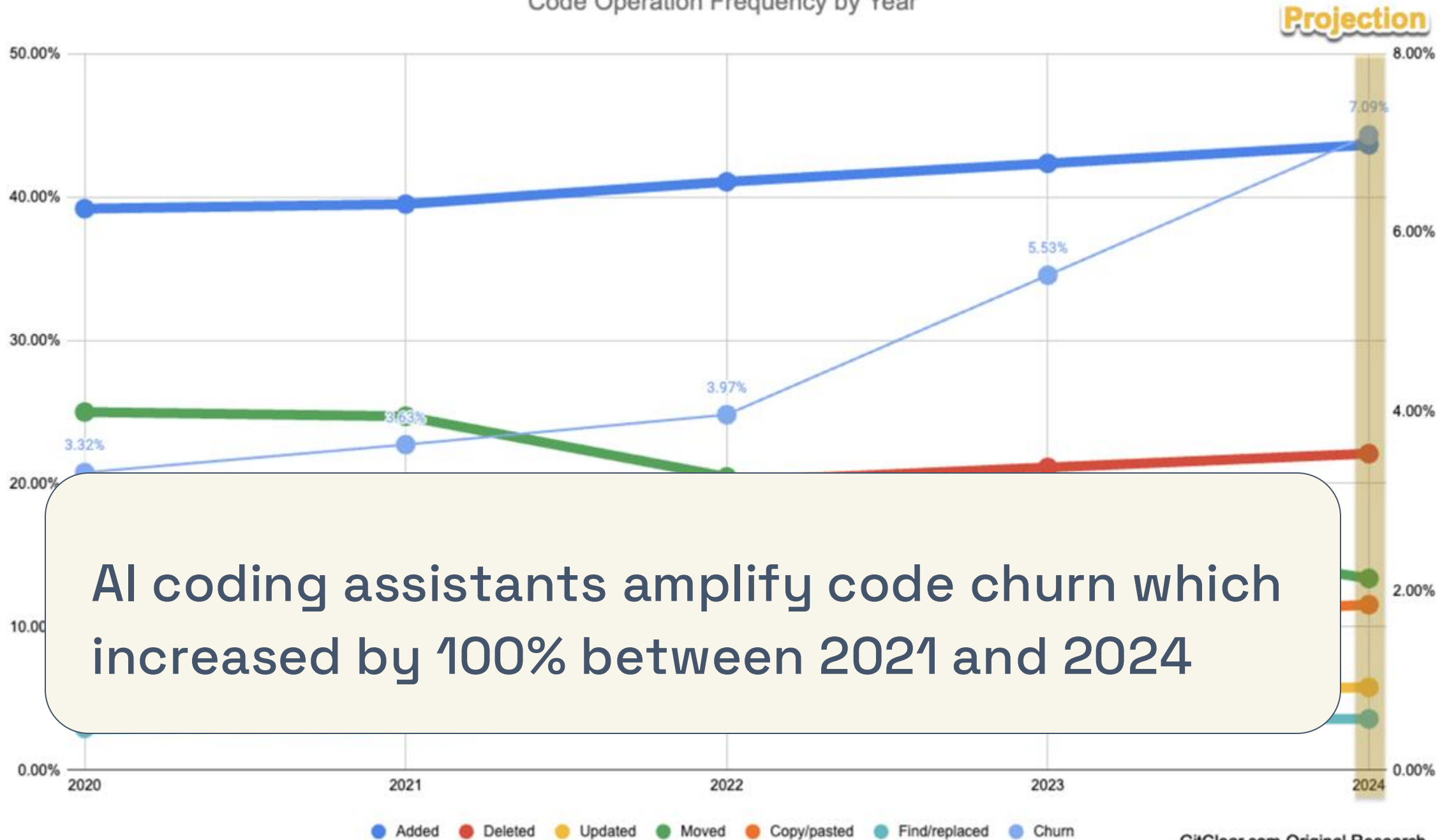
Absorbing the Past: AI's Struggle with Outdated Data

"AI mostly **amplify** what they see indiscriminately. And what they can see includes a lot of half-baked public code in their training data, or the **bad code** in our codebase that **we do not want to repeat**"

Birgitta Böckeler - **thoughtworks**

Navigating the Webs of Technical Debt in AI Code

Code Operation Frequency by Year

Projection

50.00% — 8.00%

7.09%

5.53%

40.00% — 6.00%

3.97%

30.00% — 4.00%

3.63%

3.32%

20.00%

AI coding assistants amplify code churn which
increased by 100% between 2021 and 2024

10.00 — 2.00%

0.00% — 0.00%

2020   2021   2022   2023   2024

● Added   ● Deleted   ● Updated   ● Moved   ● Copy/pasted   ● Find/replaced   ● Churn

GitClear.com Original Research

Adam Tornhill ✔
@AdamTornhill

The main challenge with AI assisted programming is that it becomes so easy to generate a lot of code which shouldn't have been written in the first place.

12:05 PM · Nov 28, 2023 · **10K** Views

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"Writing bad code faster implies considerable pains for the subsequent code readers."
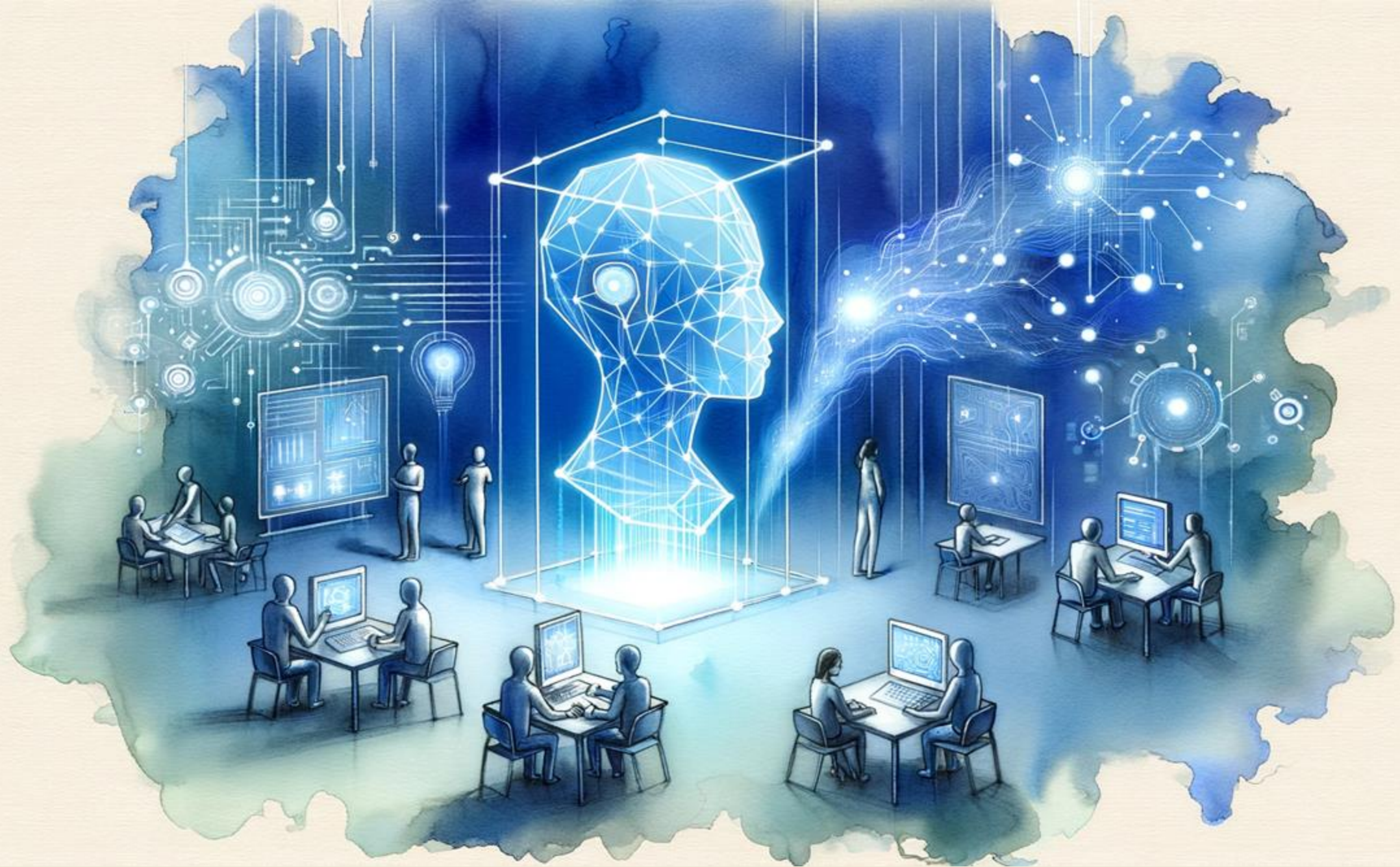
GitClear

AI Coding Dilemma: The Challenge of Limited Context

"It's important to note that coding assistants should be paired with **effective engineering practices** that act as guardrails."

Birgitta Böckeler - **thoughtworks**

Human Guidance: The Key to Maximizing AI Outcomes

From One to Many: Spreading Best Practices with AI

packmind

Elevate developers & code

Tech Leads

Integrations
Capture the context

Git
Analyze code review comments

Wiki
Capture coding practices & ADRs

Manual
Create coding practices from IDE

Web App
Create rules

Smart Inbox
Generate and validate rules

Rule Engine
Automate and deploy rules

Analytics
Measure adherence to rules and impact

Developers

Tech Coach
Enforce rules

IDE Plugin
Provide real-time and contextualized linting

Instruction Prompt
Guide AI coding assistant with your rules

CLI
Enforce rules

CI Integration | Project Audit

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Merci
de votre écoute !