

Fixing Tools Not Problems

AI Might Be the Helper We
Need

Part 1 of 7: Remember How We Got
Here

User Experience vs Developer Reality

Nice Front Messy Back

⚙️ We improved user interaction (touch > mouse).

⚙️ Gen Z/Alpha expect **easy fast** experiences.

⚙️ But the back part how we **actually build software** often stayed messy.

20+ Years Experience

Witnessing Recurring Problems

⚙ Decades building complex IoT AI Cloud & Autonomous tech.

⚙ Saw the **same problems** again and again.

Common Frustrations

Inefficiency Waste

Complexity Confusion

- ⚙️ We weren't **fast** or **efficient**.
- ⚙️ We **wasted money**.
- ⚙️ We made things **too complicated**.
- ⚙️ Requirements were **confusing** from the start.

The High Cost

Failed Projects Lost Opportunities

- ⚙ Projects failed money was lost.
- ⚙ Jobs sometimes disappeared.
- ⚙ It was **deeply frustrating**.

A New Element Emerges

The AI Inflection Point

⚙️ Now something new powerful AI
(GenAI Agents maybe AGI).

⚙️ This feels **fundamentally
different.**

More Than Just a Tool

A Potential Catalyst for Change

⚙️ It's not just another tool to add to the pile.

⚙️ It could be a **real change** agent.

The Core Hope

Shifting Focus From Tools to Value

⚙️ Can AI help us finally stop wasting time **fixing our tools**?

⚙️ Can we focus instead on delivering what the **business and users need**?

The Series Purpose

Exploring the Journey and AI's Role

⚙️ This series explores that journey of complexity.

⚙️ And examines how AI might offer a **path forward.**

Looking Back To Look Forward

Understanding the Treadmill

⚙️ To understand AI's potential we must first understand the past.

⚙️ How did our tools evolve and create this friction?

Food For Thought

Introduction to the Treadmill Concept

⚙ Think about software development history as a treadmill.

⚙ Solving one problem often created another layer of complexity.

Next

Next The Treadmill Begins

⚙️ Next up we'll detail the first steps on this 'Tool Treadmill'.

⚙️ From raw control to libraries and managed languages.

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Read the Full Article: Tired of Fixing Tools Instead of Solving Problems?...

All resources mentioned are available at **<https://agilp.org/pdf/>**

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