Re-Engineering Legacy Software (Paperback)

By Chris Birchall

Manning Publications, United States, 2016. Paperback. Condition: New. Language: English . Brand New Book. ã DESCRIPTION Most developers inherit projects built on an existing codebase that reflect design patterns, usage assumptions, infrastructure, and tooling from another time and another team. (And the docs are complete rubbish.) Fortunately, there are techniques that can breathe new life into legacy projects, allowing them to be maintained, improved, and scaled without having to constantly fight their current limitations. Stronger applications can be developed by injecting new architectural patterns, modern techniques for performance analysis, updated tests and build tools, and a healthy dose of cultural wisdom-creating a better work experience for all involved. Re-Engineering Legacy Software is an experience-driven guide to revitalizing inherited projects. It covers refactoring, quality metrics, toolchain and workflow, continuous integration, infrastructure automation, and organizational culture. On the technical side, readers will learn techniques for introducing dependency injection for code modularity, quantitatively measuring quality, and automating infrastructure. On the strategic side, they ll develop practical processes for solid decision making. Core topics include deciphering and modularizing awkward code structures, effectively integrating and automating tests, replacing an outdated build system, and infrastructure automation using tools like Vagrant and Ansible. KEY SELLING POINTS Practical...

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-- Joshua Gerhold PhD

A very awesome book with perfect and lucid reasons. It really is basic but shocks within the 50 percent of the book. Its been designed in an exceptionally easy way and is particularly merely right after i finished reading this ebook where in fact changed me, change the way i think.
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