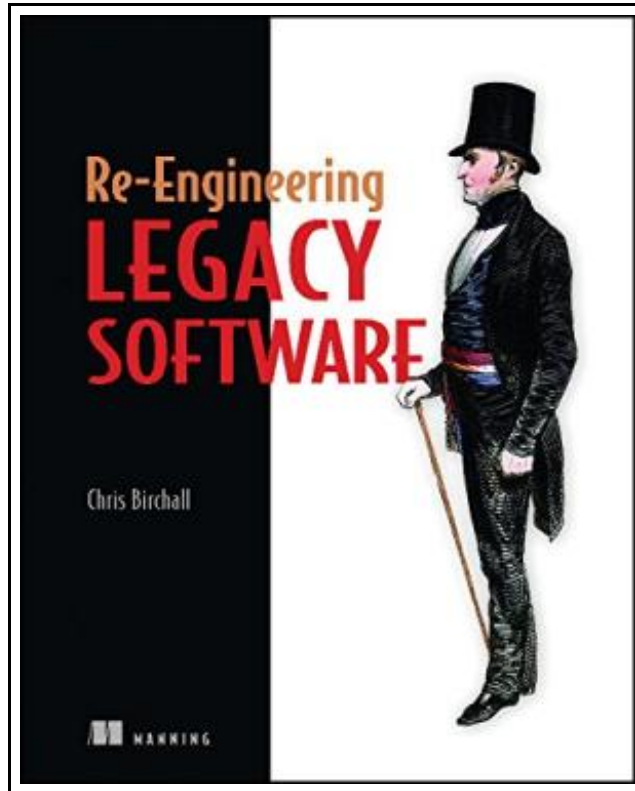# Re-Engineering Legacy Software

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Reviews

Extensive manual! Its this type of great read through. This can be for all who statte there was not a worth reading. It is extremely difficult to leave it before concluding, once you begin to read the book.
(Dr. Furman Becker V)

RE-ENGINEERING LEGACY SOFTWARE

Manning Publications. Paperback. Book Condition: new. BRAND NEW, Re-Engineering Legacy Software, Chris Birchall, 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deciphering and modularizing awkward code structures, effectively integrating and automating tests, replacing an outdated build system, and infrastructure automation using tools like Vagrant and Ansible.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 step-by-step guide Concrete examples Provides techniques needed to tackle legacy projects Leads to more productive development and reduces bugs AUDIENCE This book is written for developers and team leads comfortable with an OO language like Java or C#. ABOUT THE TECHNOLOGY Ansible is an open-source software platform for configuring and managing computers that has recently been gaining a lot of traction. Vagrant is computer software for building complete development environments.

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