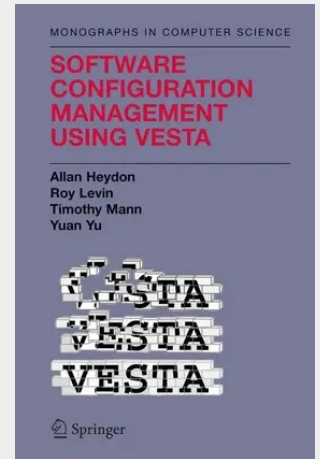


Software Configuration Management Using Vesta

The core technologies underlying software configuration management have changed little in more than two decades. Development organizations struggle to manage ever larger software systems with tools that were never designed to handle them. Their development processes are warped by the inadequacies of their building and version management tools. Developers must take time from writing and debugging code to cope with the operational problems thrust upon them by their build system's inadequate support of large-scale concurrent development. Vesta, a novel system for large-scale software configuration management, offers a better solution. Through a unique integration of building and version management facilities, Vesta constructs software of any size repeatably, incrementally, and consistently. Since modern software development occurs worldwide, Vesta supports concurrent, multi-site, distributed development. Vesta's core facilities are methodologically neutral, allowing development organizations a wide range of flexibility in the way they arrange their code repositories and structure the building of system components. In short, Vesta advances the state of the art in configuration management.

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