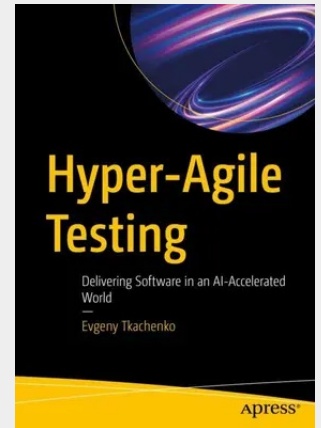


Hyper-Agile Testing

Delivering Software in an AI-Accelerated World

Software delivery is accelerating. Release confidence is not. Artificial intelligence can generate requirements, code, tests, and documentation in minutes, but faster output does not automatically make software safer to release. This book presents a practical operating model for building confidence as quickly as teams create change by connecting product intent, risk, validation, automation, release readiness, and production learning. As you move through the chapters you will follow the Hyper-Agile Quality Loop from idea to production. You will learn how to turn requirements into test expectations, adjust validation depth to risk, and choose automation by value rather than test count. Additionally you will also gain expertise in keeping continuous integration and continuous delivery signals trustworthy, and using artificial intelligence to support requirements review, impact analysis, defect triage, and release decisions. The chapters are supported by practical examples, diagrams, checklists, and personal stories that will show you how these ideas work under real delivery pressure. This book will guide you in applying the model across delivery stages and risk levels—from prototypes and internal pilots to early adopter and general availability releases, including high-risk or regulated work. You will see how Product, Development, Quality Engineering, Support, and Operations each contribute to quality. It will also help you to understand how production feedback improves the next delivery cycle and how Quality Engineering can move beyond late-stage testing toward quality decision support. By the end of the book, you will have a practical framework for creating safer software and increasing release confidence. Applying it will help you learn faster, make clearer release decisions, and reduce the risk pushed downstream. What You Will Learn - Apply the Hyper-Agile Quality Loop from product intent through production learning - Match validation depth to risk, release stage, and customer impact - Build trustworthy automation and CI/CD signals that support release decisions - Use AI responsibly for requirements review, test design and automation, impact analysis, and defect triage Who This Book Is For Quality engineers, QA leads, engineering managers, product managers, and technology leaders working in fast-moving delivery environments.

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