

Much Ado About Automation

A Playwright Guide for Java

Go behind the scenes of building a automation solution from the ground up with . Framed as a theatrical production, this book uses Acts and Scenes to walk you through the practical development of a professional automation system.

The book sets the stage by setting up your development environment and walking you through an interactive introductory script that covers the basics. Progressive exercises build toward a fully integrated CI/CD pipeline using a hybrid framework with quality gates that protect your main code branch. We'll go beyond coding exercises to cover the strategic thinking required to lead quality initiatives at the organizational level. Topics include implementing an automation strategy, demonstrating value through ROI, and building a culture of quality in your company. By the final curtain call, you'll have the Playwright skills to create, scale, and sustain a professional automation solution.

The appendices include deep reference guides, cheat sheets, and a practical troubleshooting section to ensure that this book remains a trusted desk companion long after the initial read.

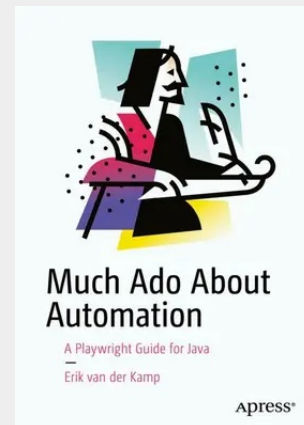
What You Will Learn

- Master Playwright's core capabilities, including advanced interactions, powerful assertions, and reliable locators using the Bullseye Model
- Build reliable, scalable, and maintainable automation frameworks integrated with CI/CD pipelines
- Handle complex UI scenarios including dialogs, iframes, and Shadow DOM
- Implement advanced testing strategies using API, mobile, and hybrid workflows
- Apply automation strategy and ROI analysis while building an organizational culture of quality
- Understand the opportunities of AI for the future of test automation along with its limitations and responsible use

Who This Book Is For

Primary audience: QA engineers and SDETs with any level of Playwright experience, Java developers looking to expand into test automation, and QA leaders evaluating or optimizing Playwright adoption. Secondary audience: IT leaders and stakeholders who have a vested interest in delivering quality software, realizing ROI, and increasing automation test efficiency.

Go behind the scenes of building a sustainable automation solution from the ground up with Much Ado About Automation: A Playwright Guide for Java. Framed as a theatrical production, this book uses Acts and Scenes to walk you through the practical development of a professional automation system. The book sets the stage by setting up your development environment and walking you through an interactive introductory script that covers the basics. Progressive exercises build toward a fully integrated CI/CD pipeline using a hybrid framework with quality gates that protect your main code branch. We'll go beyond coding exercises to cover the strategic thinking required to lead quality initiatives at the organizational level. Topics include implementing an automation strategy, demonstrating value through ROI, and building a culture of quality in your company. By the final curtain call, you'll have the Playwright skills to create, scale, and sustain a professional automation solution. The appendices include deep reference guides, cheat sheets, and a practical troubleshooting section to ensure that this book remains a trusted desk companion long after the initial read. What You Will Learn Master Playwright's core capabilities, including advanced interactions, powerful assertions, and reliable locators using the Bullseye Model Build reliable, scalable, and maintainable automation



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