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Selenium Best Practices



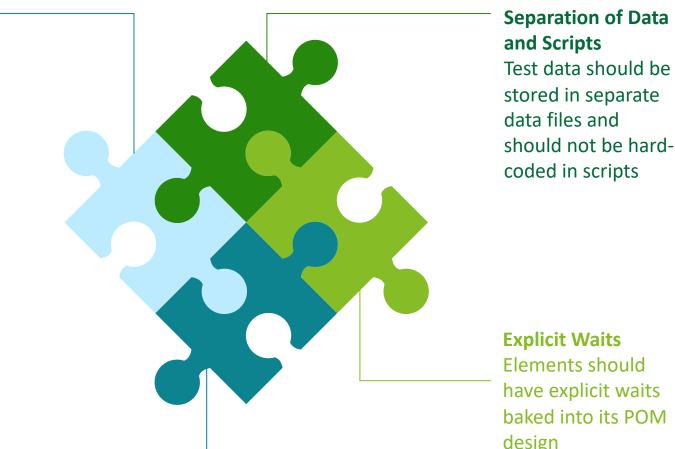
Agenda

- 1 Components of a strong Selenium framework
- **2** Demo
- **3** Do's and Don'ts
- 4 Advancing your scripts
- **5** Q&A

Strong Selenium Frameworks Have:

POM DESIGN

Page Object Model (POM) promotes organization, maintainability, and efficiency



Logging Mechanisms Tests should produce both a test results file and a step-bystep log file

Explicit Waits

Elements should have explicit waits baked into its POM design

Demo

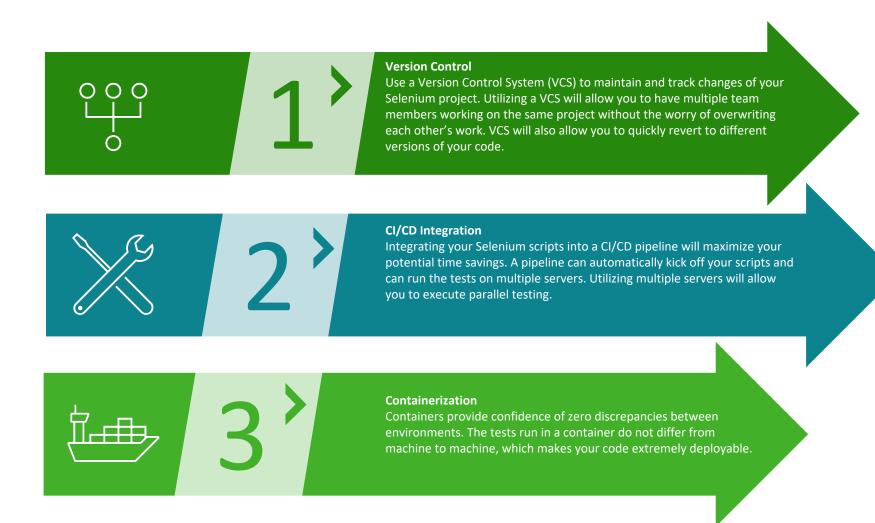
Demo does not contain confidential/proprietary information

Do's and Don'ts

Do	Don't
Keep solution self-contained	Have hard-coded file paths
Use relative Xpath	Use absolute Xpath
Keep code modular	Create long methods
Use Setup and Teardown methods	Put redundant code in every test case
Create snippets for common actions	Put redundant code in every test case
Keep code OS & browser agnostic	Use exclusive code
Provide comments in your code	Create code without explaining its purpose

Advancing your scripts

Things to add to your Selenium framework to maximize results



Questions?

Questions about recruiting?

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Thank you!

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