

Salesforce Apex Hours



Streamline Salesforce E2E UI Testing with UTAM

Speakers

Christopher Ramm & Sebastiano Schwarz

Venue/Link

[Bit.ly/ApexHours](https://bit.ly/ApexHours)



#SalesforceApexHours



www.apexhours.com

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Our Speakers



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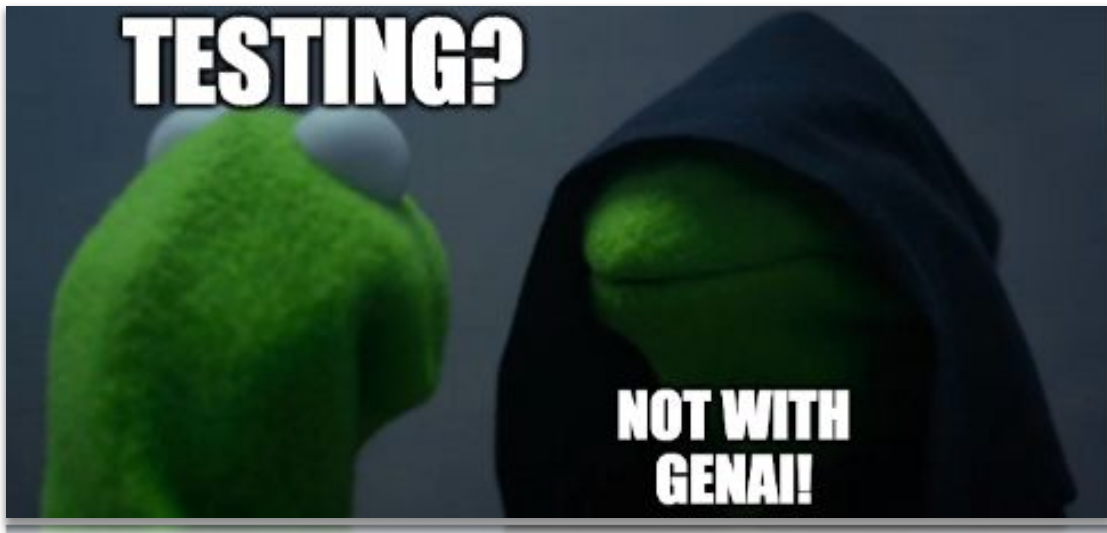
He/Him



Agenda

- Why End-2-End Testing?
- What is UTAM?
- Don't tell me - show me (Demo)
- How UTAM is embedded into DevOps cycle

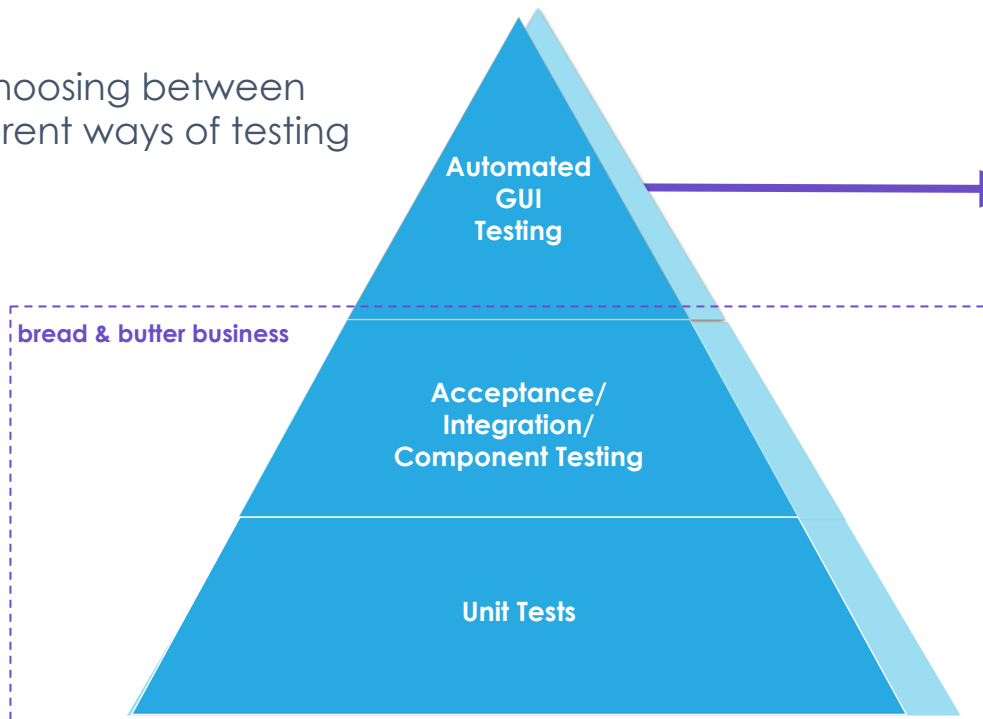
“*Is testing in
the age of
GenAI even
necessary?*”



Balancing a testing strategy



choosing between
different ways of testing



Why?

- **Consistency** - automation minimizes human error in repetitive testing tasks, ensuring more reliable and consistent results
- **Efficiency** - allows for the execution of hundreds of test cases simultaneously, covering numerous user scenarios and validating edge cases
- **Faster** - helps businesses adapt quickly to Salesforce's frequent updates and releases

A Comprehensive Test Strategy



**Test iteratively,
frequently, and
automated**

Tailor testing strategies to application risk levels, define environment-specific test requirements

**Not every change
requires every kind
of test**

Testing strategy should accommodate different risk levels - and test based on criticality

**Consider
non-functional
requirements**

Test across devices and replicate production-like conditions



*Salesforce comes with a dynamic,
fast changing UI - which is great!*



...but these can cause challenges in keeping
your tests stable & up-to-date

UTAM can Help to Overcome These Challenges

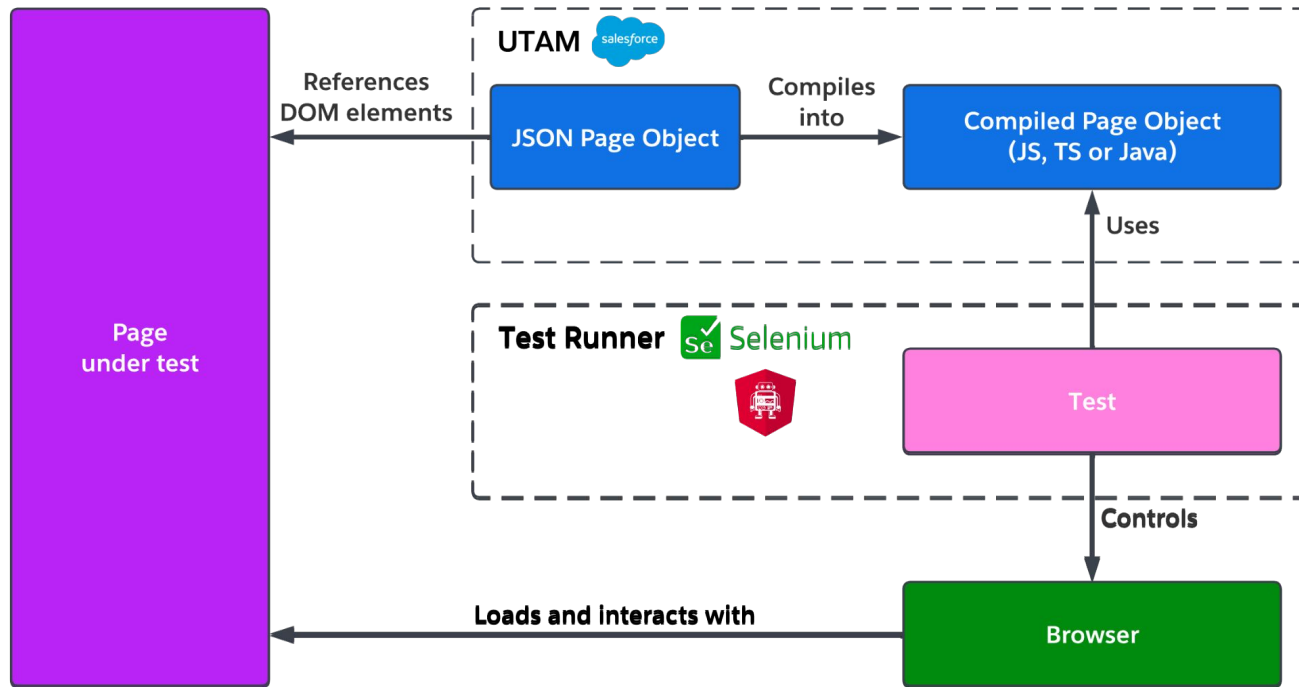
UTAM enhances E2E testing by providing an interface layer leveraging Page Objects to make tests easier to write and maintain

- Portable implementation of the Page Object Design Pattern
- Test framework agnostic and works with both JavaScript and Java
- Salesforce maintains a Page Objects library updated with each release

Page Object Model Design Pattern



Leveraging JSON Page Objects

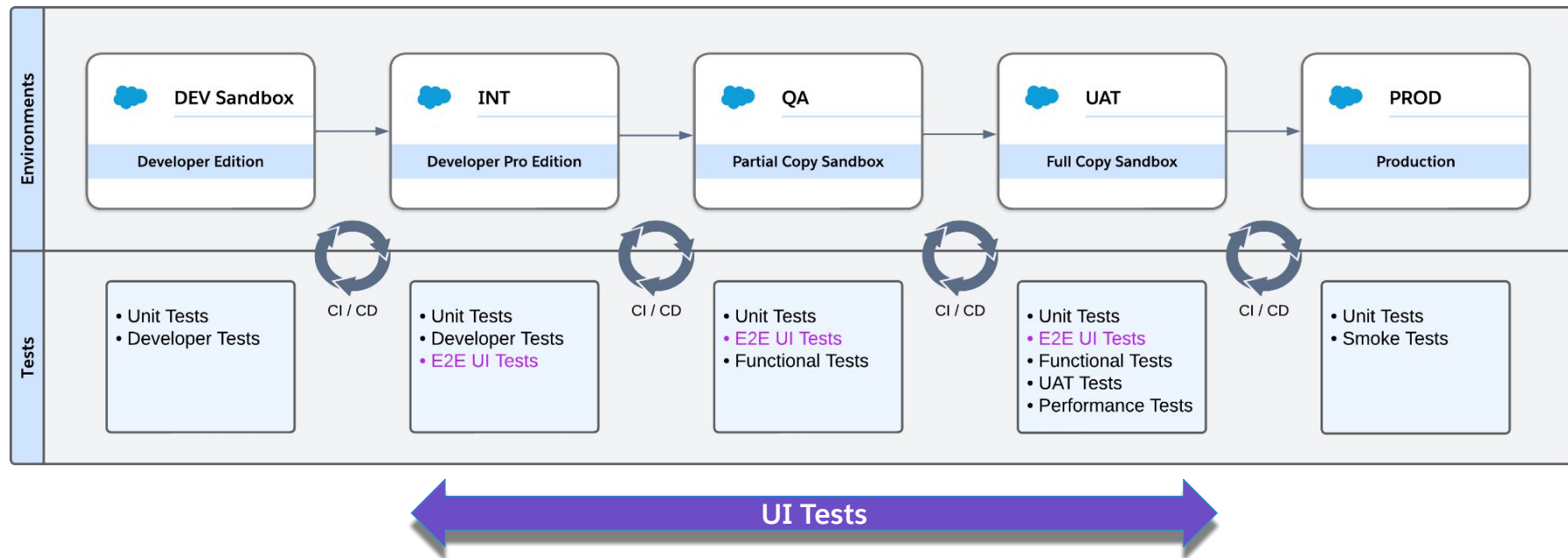


Demo

Testing in ALM



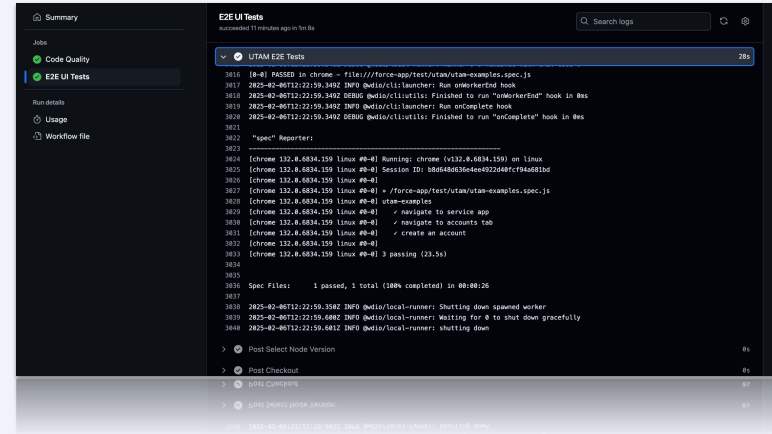
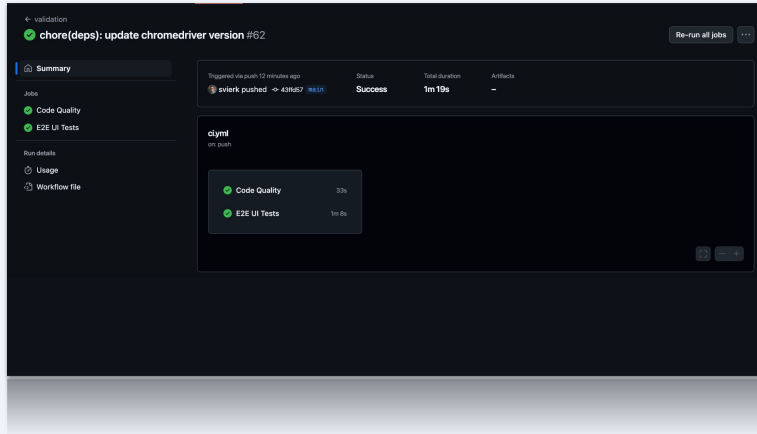
Increase confidence and trust in the deployment of your features



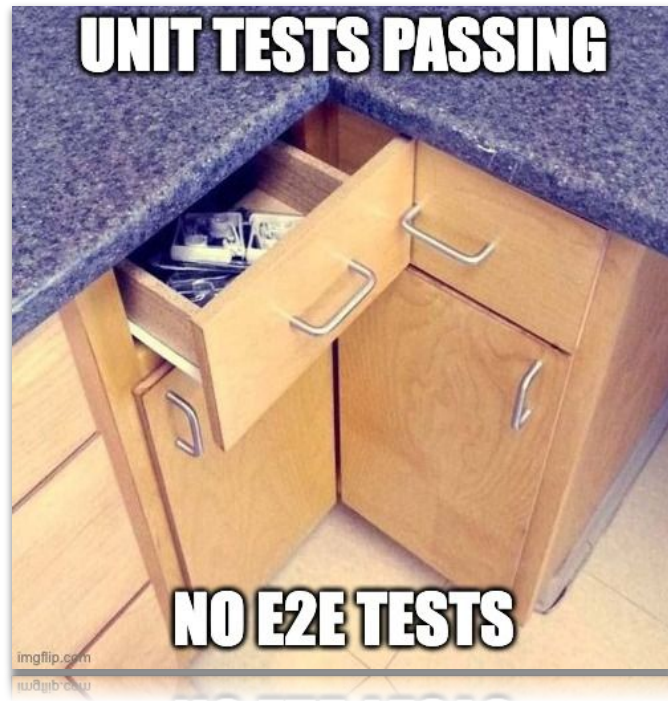
UTAM as CI/CD Quality Gate



Ensuring High Standards and Streamlined Deployments



“ Focus on
testing your
critical
business
processes! ”

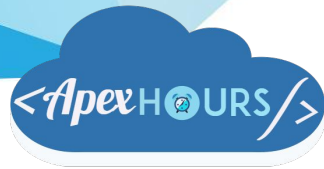




UTAM Resources

THANK
YOU

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