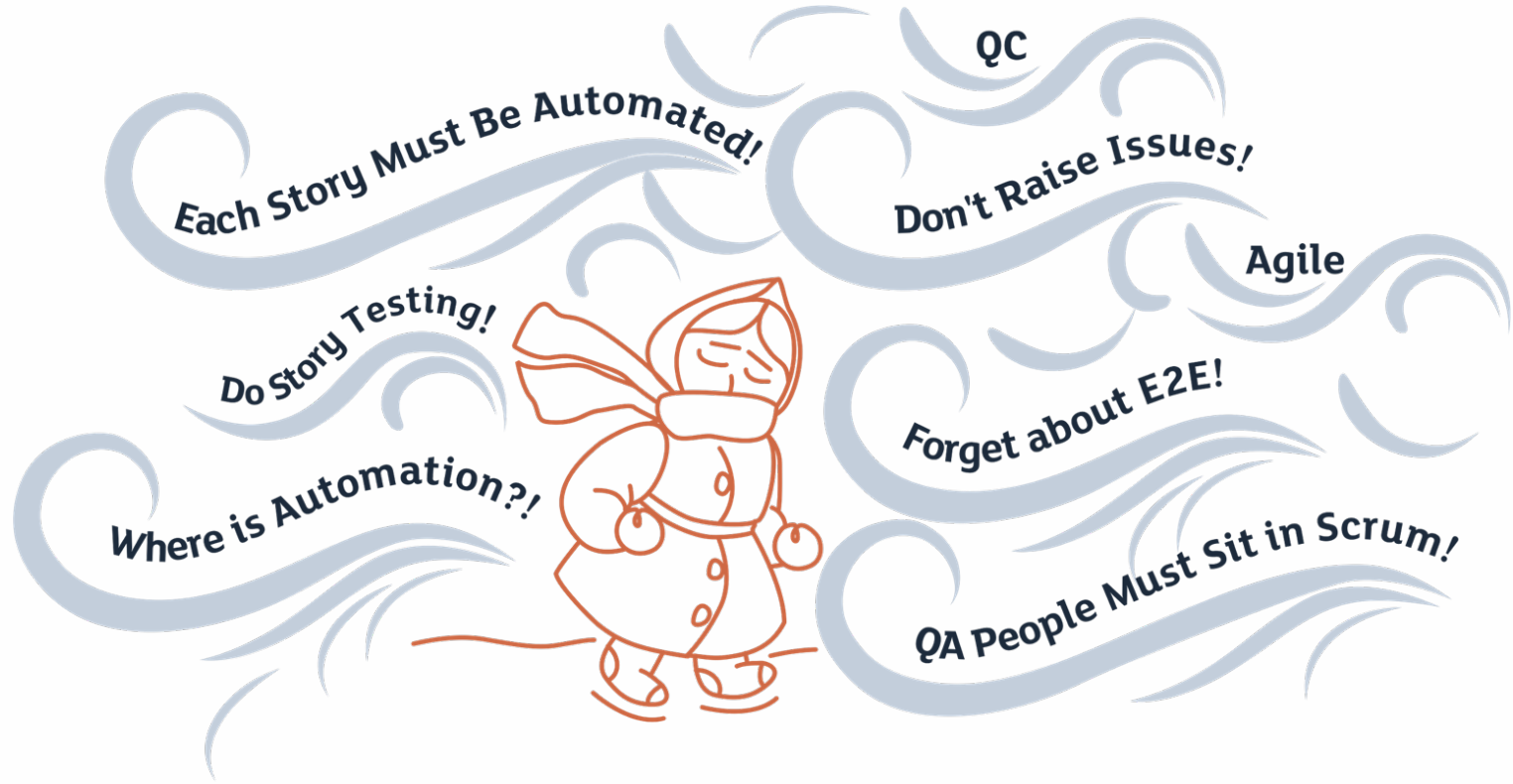


Post-Trade Testing: Per Aspera ad Astra

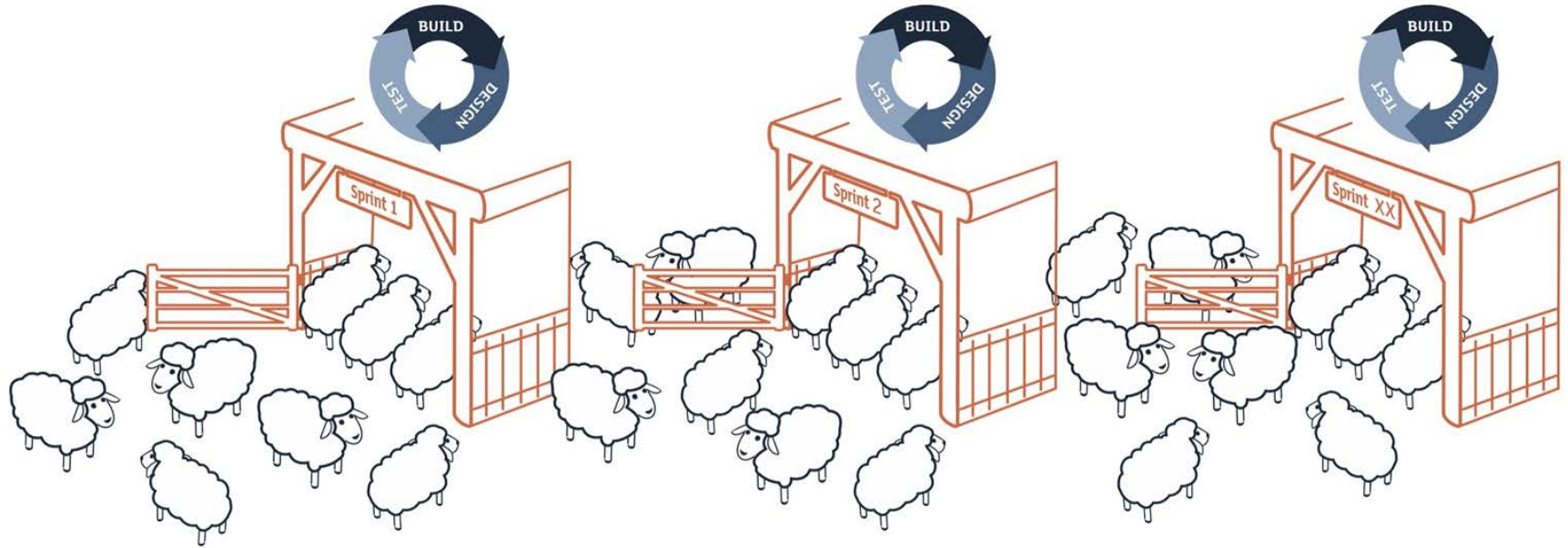
29 June 2017
Alyona Bulda

exactpro: exitus acta probat

The screenshot shows the Merriam-Webster website interface. At the top, there is a navigation bar with links for 'JOIN MWU', 'GAMES', 'BROWSE THESAURUS', 'WORD OF THE DAY', 'VIDEO', 'WORDS AT PLAY', and 'FAVORITE'. The Merriam-Webster logo and 'SINCE 1828' are on the left. A search bar contains the text 'exitus acta probat'. Below the search bar are tabs for 'DICTIONARY' and 'THESAURUS'. The main content area displays the word 'exitus acta probat' in a large serif font, with a speaker icon to its right. Below the word is the text 'Latin quotation from Ovid | ex-i-tus ac-ta pro-bat | \ˈek-si-tūs-äk-tä-ˈprō-bät\'. Underneath that, it says 'Popularity: Bottom 30% of words'. A section titled 'Definition of EXITUS ACTA PROBAT' follows, with the definition: ': the outcome justifies the deed'.



Agile Work vs Cargo-cult



Implementing Agile

QA:

- Keeps focus on testing the overall functionality
- Focuses on the entire e2e scenarios, as well as the deliverables
- Invests into the automation of a comprehensive E2E library
- Establishes the internal processes
- Highlights the missing processes
- Aims to ensure that change works, rather than making sure that the story is tested and closed within the active sprint

Collaborating with Agile: Challenges

- QA team equipped with a test orchestration framework
- Comprehensive E2E Regression library
- Daily regression/ “The Big Button” framework
- Drop procedure
- Reference Data management/automation
- Requirements Knowledge Base
- Healthy communication between QA, BA and DEV



Post-trade Testing: Challenges

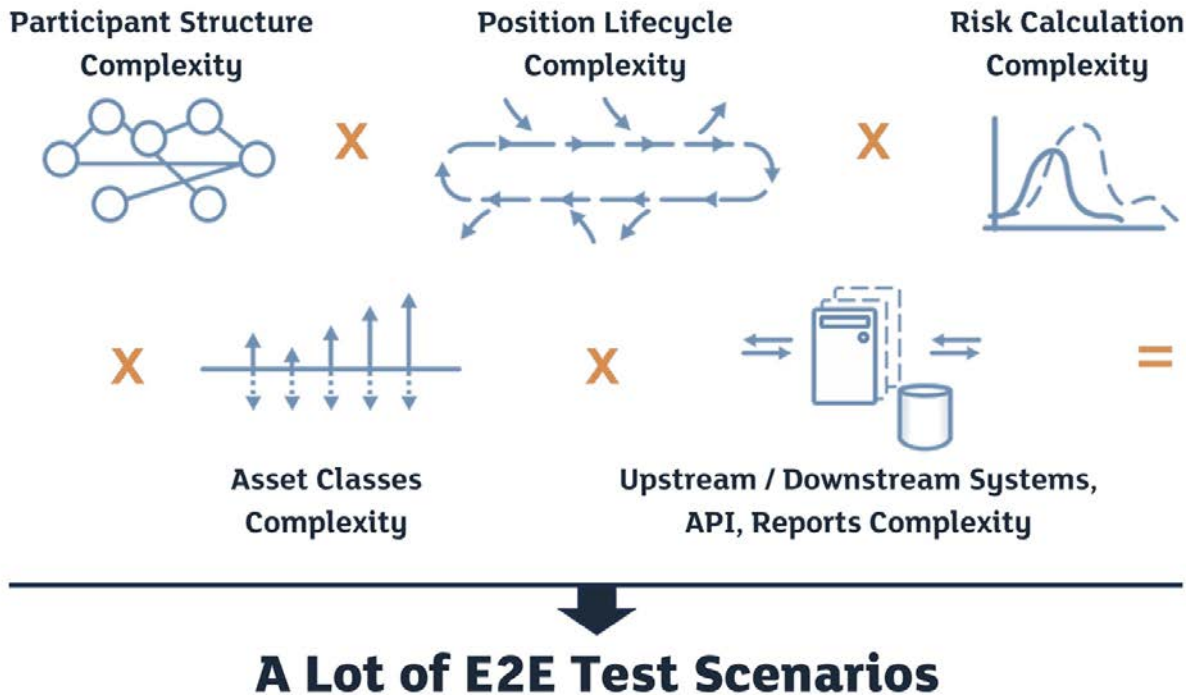
- High number of components of complex post-trade infrastructures
- Upstream and downstream system dependency
- Participant structure



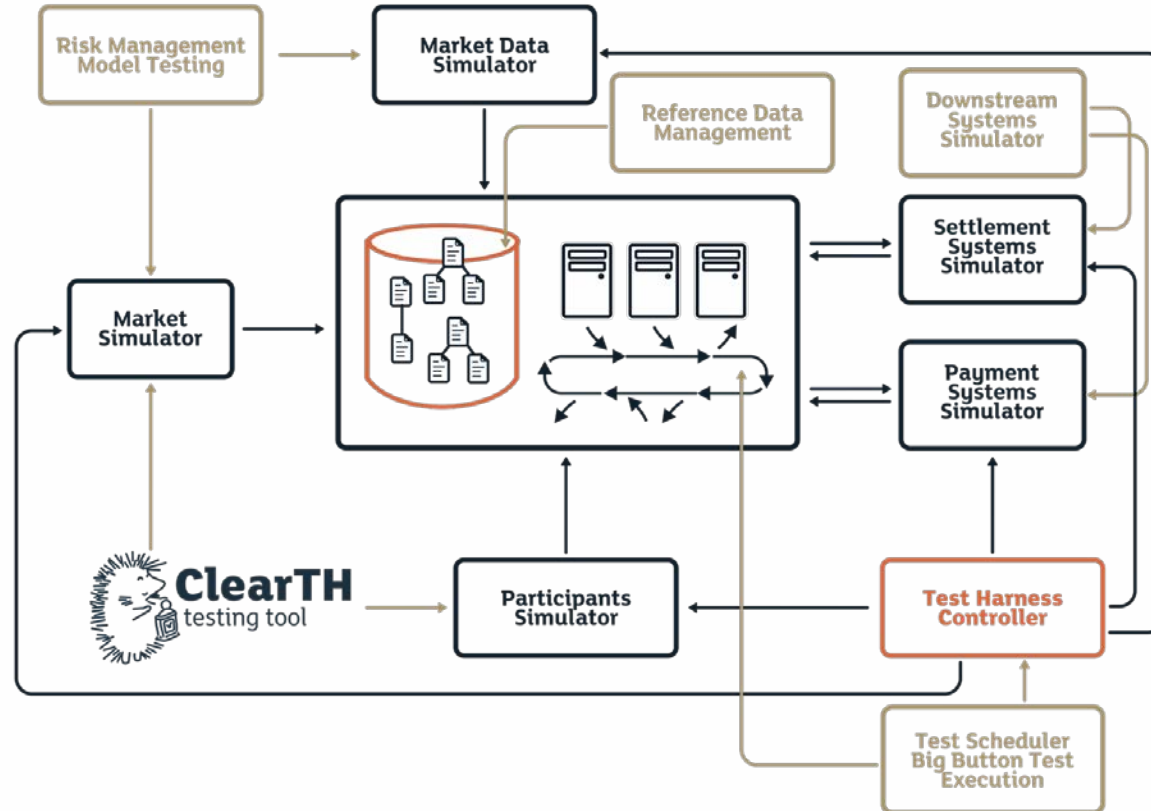
- Trade/Xfer/Position/Account life cycle
- Asset Classes
- Risk calculation
- Access via a variety of API endpoints (FIX, SWIFT, Custom API)

Post-trade Testing: Challenges

Test library parametrization



Innovation in QA: Holistic Integrated Automation Test Framework



Thank you!

Those who know the sea and ships
Not just from candy wrappers,
Those who have been drilled the way we have,
Don't romanticize the sea any more.
(A Russian Navy Song)

