

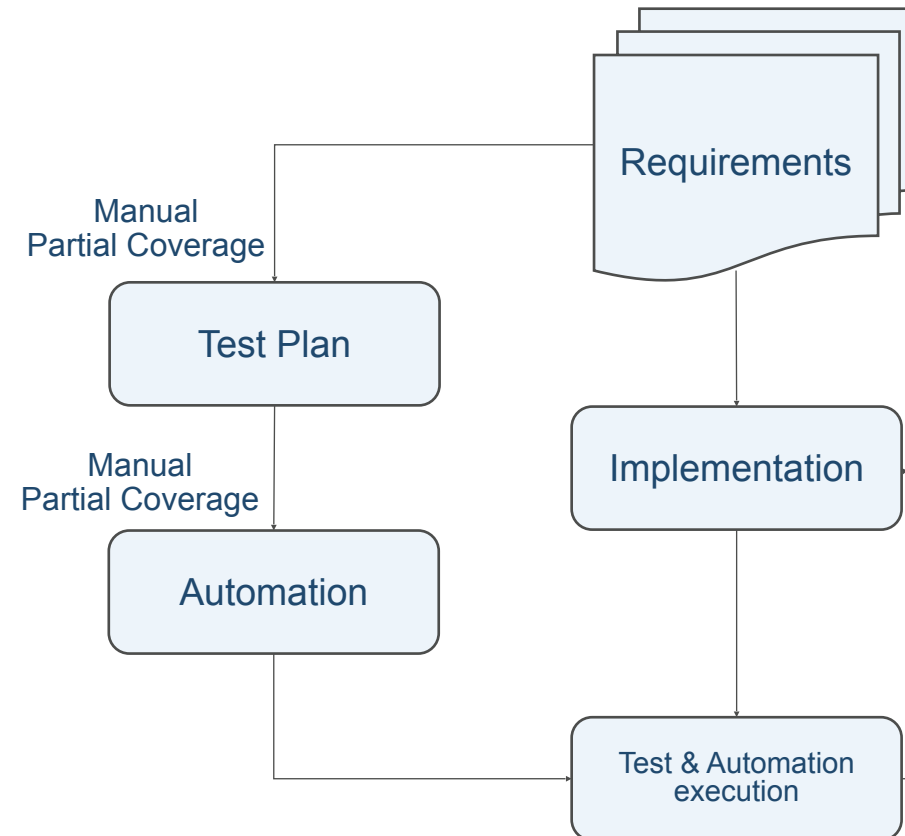


MODEL BASED TESTING @ CYBERARK

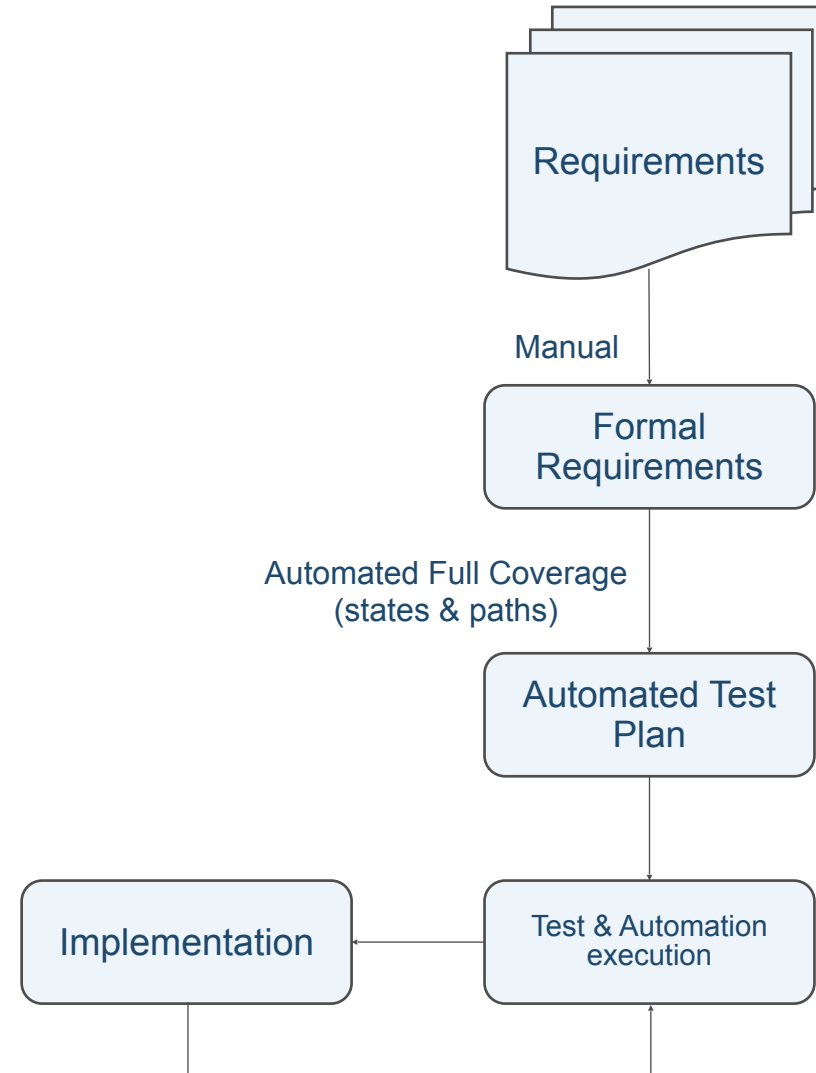
PRESENTATION GOALS

- Introduce the concept of MBT
- High Level explanation of how it works
- Demo of a working MBT on the Client-Side Searchable Encryption POC

TEST AUTOMATION



MODEL-BASED TESTING



UTOPIC GOAL

- TDD Process
 - Sprint planning
 - Requirements →
 - Formal Live Model →
 - Test Plan {Acceptance Test + Test Cases}
 - Definition of Done
- Development
 - Develop against running test automation
 - Stop when the tests are green

BENEFITS

- Requirements
 - Clear requirements (formal)
 - Clear DoD
 - Reviewed and fixed requirements (through the modeling process)
- Test & Automation
 - Full automation coverage from day #1
 - Full coverage of Test-Cases
- Code
 - Clean, small, accurate, testable and fully tested code
- Process
 - Automated Test Acceptance
 - Continues delivery
 - Scalable

MAINTENANCE

- Just update the model and immediately get:
 - Updated full coverage test-plan
 - Updated full coverage running test automation

THE PROPOSED SOLUTION

- Simple with many features and capabilities
- Code testing (UT & code integration) for: Java, Python and .Net with the same tool
- Can be connected with any other test execution solutions



Model-Based Testing @ Spotify



Kristian Karl

DEMO

NEXT STEPS

- Lets meet and discuss your MBT rollout
- Lets setup time for a hands-on training workshop