

OPPORTUNITIES IN SYSTEM TESTING

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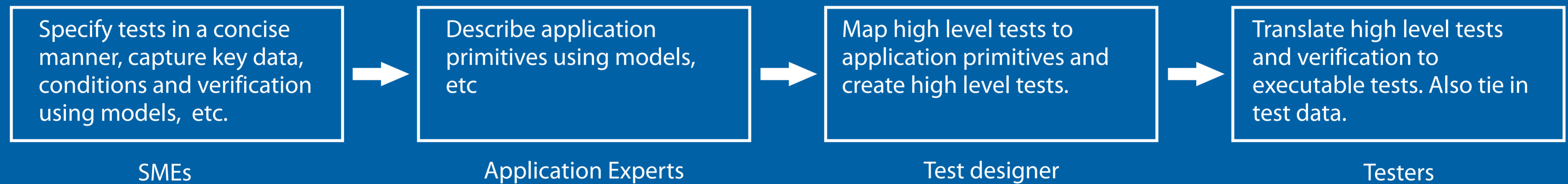
Motivation

- Scarce Subject Matter Expert (SME) time
- Reuse
- Packaged software/products testing

State of the art

- Test automation
- Bottom-up
- Hard to maintain tests with changing functionality
- Ad-hoc test data generation
- Testers do everything
- Verification is often an assumed activity
- Hardly any reuse of test-ware and/or domain knowledge

Solution components



Solution characteristics

- Top down
- Explicit focus on verification
- Reuse test-ware
- Separation of concerns of test designers and testers
- Leverage data generation
- Reuse of domain knowledge and models

