



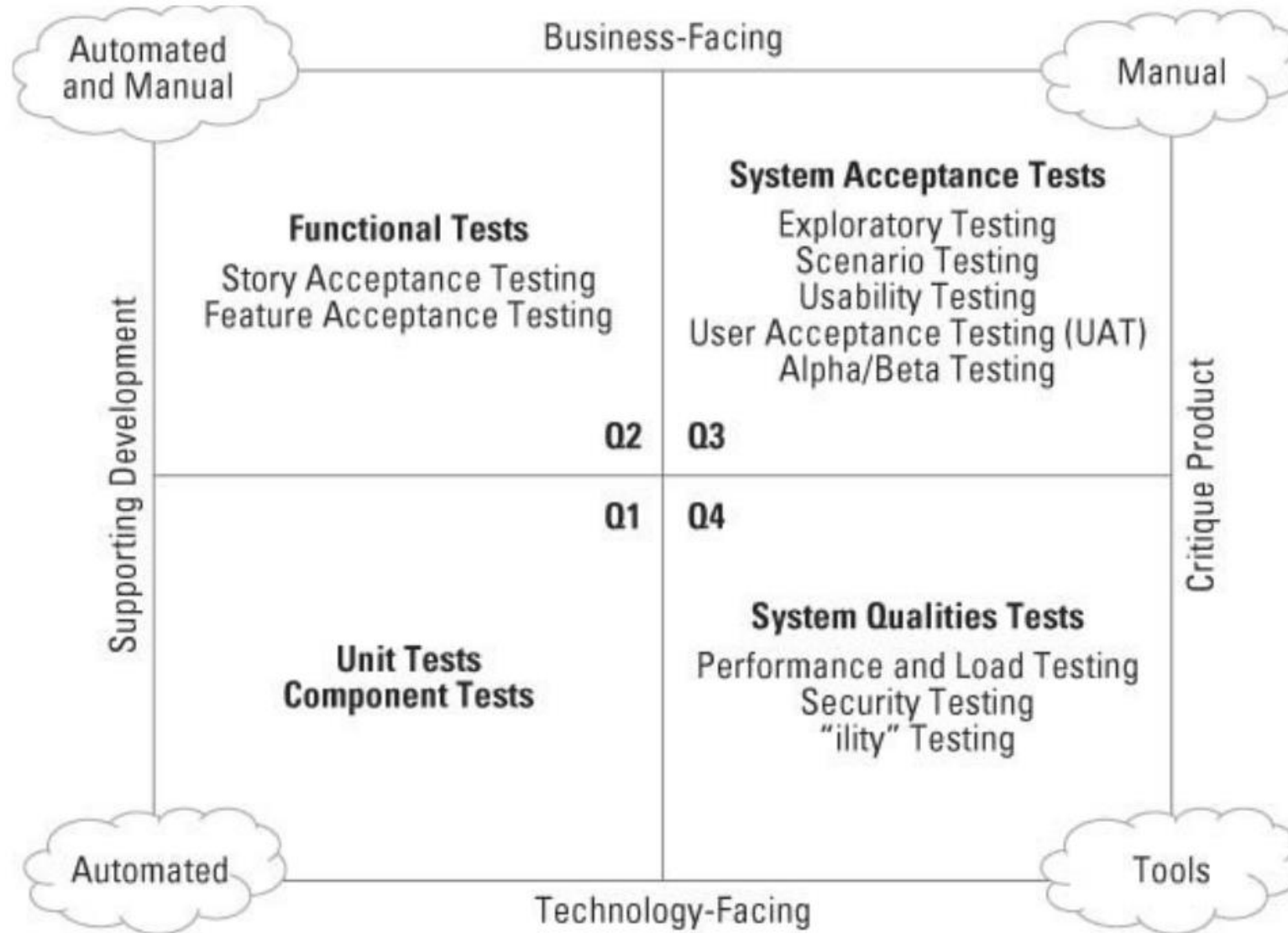
**ALLSEEN
ALLIANCE**

AllSeen Core 14.12 contributions

Ben Vanhaegendoren

1/10/2014, Technicolor

Agile Testing Quadrants



AllSeen Core 14.12 patches for DDAPI

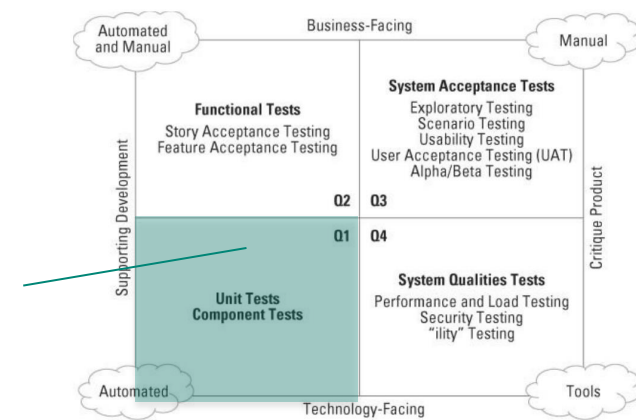
- ASACORE-47

- Description : move PropertyChanged from BusListener to ProxyBusObject
- Status : MERGED
 - Patch delivered (<https://git.allseenalliance.org/gerrit/#/c/2262/>) together with unit test, code review done
 - @CoreWG to commit to master

- ASACORE-915

- Description : NGNS does not notify when last interesting object is removed from peer
- Status : MERGED
 - Patch delivered (<https://git.allseenalliance.org/gerrit/#/c/2263/>) together with unit test, code review done
 - CoreWG has committed patch to master

Core based



AllSeen Core 14.12 features for DDAPI

- ASACORE-916

- Description : Enable self-join
- Status : OPEN

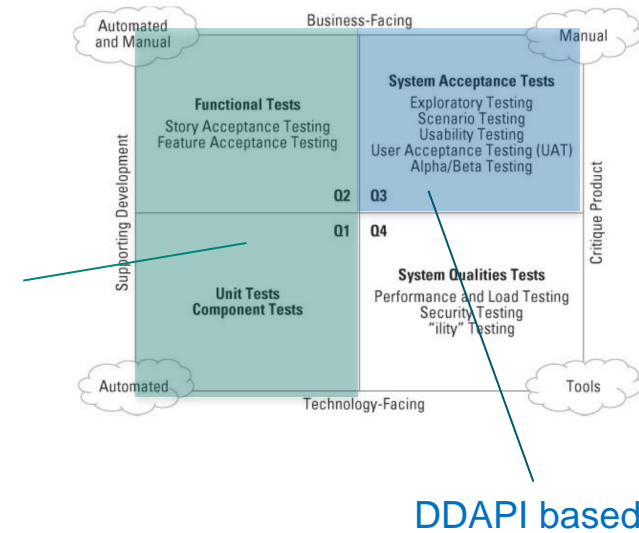
- Code & U/F Tests submitted, code review pending @CoreWG
- Expected release date 3/10 U/F tested (Q1 + Q2), 19/12 scenario tested (Q3)
- @CoreWG to provide feedback on current delivery (when possible?)

- ASACORE-918

- Description : Create a component that handles presence detection (Ping) automatically
- Status : OPEN

- Code & U/F Tests submitted, code review pending @CoreWG
- Expected release date 3/10 U/F tested (Q1 + Q2), 19/12 scenario tested (Q3)
- @CoreWG to provide feedback on current delivery (when possible?)

Core based



DDAPI based

AllSeen Core 14.12 features for DDAPI

- ASACORE-917

- Description : Define a standardized mechanism for subscription to and delivery of signals

- Status :

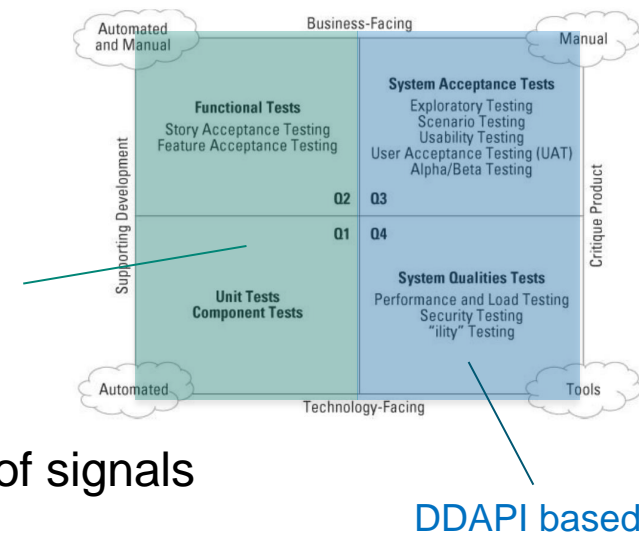
- Development started @TCH
- Expected release date 17/10 U/F tested (Q1 + Q2), 19/12 scenario/load tested (Q3 + Q4)

- To be planned

- ASACORE-919 Create a component that simplifies client-side session management (***)
- ASACORE-964 Add support for extended introspection XML format (***)

(***) stretch goal

Core based



DDAPI based

AllSeen Core Security 2.0

- Security Manager

- Claiming :

- Expected release date 17/10 U/F tested (Q1 + Q2), 19/12 scenario tested (Q3)

- Membership/Manifest :

- Expected release date 31/10 U/F tested (Q1 + Q2), 19/12 scenario tested (Q3)

- Policy :

- Expected release date 14/11 U/F tested (Q1 + Q2), 19/12 scenario tested (Q3)

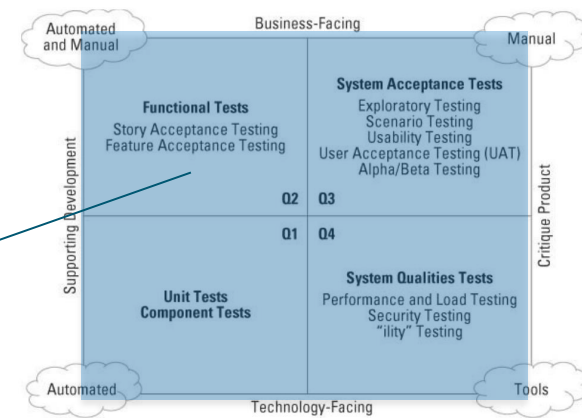
- Threat Analysis – Security Testing (Q4)

- HLD screening : done 29/9, report available

- SW vulnerability test RUN 1 : 20/10/2014 – 31/10/2014

- SW vulnerability test RUN 2 : 17/11/2014 – 28/11/2014

Security Mngr
based



Test Strategy



- Test plan
 - TCH develops automated AllSeen Core based Unit and Functional Tests (Q1 + Q2) for the features TCH contributes and re-runs existing automated AllSeen U/F Regression Tests (Q1 + Q2). These tests are run as a quality gate every time code is pushed for review and they have to pass to give gerrit +1 to commit a change to the master branch
 - TCH develops DDAPI based System Acceptance Tests (Q3) covering these features and run them after feature commit to master.
 - TCH develops DDAPI based Performance/Load/Stress Tests (Q4) for ASACORE-917 and run them scheduled during a hardening phase
- Tools
 - Unit and Functional Test: GTest, Junit
 - Functional Test: test applications with shell scripting running on a single host machine
 - Scenario Test: distributed virtual boxes on different host machines/platforms

Open points for discussion

1. Public admin access to AllSeen Jenkins CI framework
 - Currently it runs only compilations, relevant automated tests should be added for monitoring code
 - Every AllSeen contributor should be able to add automated tests, process to be put in place
 - Q1/Q2 Tests are gates for committing code, Q3/Q4 not
 - Q1/Q2 Tests are run on centralized CI platform >> share test cases
 - Q3/Q4 Tests are run locally @contributor's premises close to SW experts that can analyze/debug problems >> share test results
2. Regression test
 - Which AllSeen Core tests exist already?
 - Can they be shared among contributing AllSeen members?
3. Which permutation do we consider when testing the AllSeen Core?
4. Expectations regarding backwards compatibility?
5. Usage of C++11 in AllSeen Core: conclusion?



Thank you

Follow us on  

**For more information on AllSeen Alliance, visit us at:
allseenalliance.org & allseenalliance.org/news/blogs**