

Leveraging Agility in Agile teams

- [About Agile](#)
- [How Xray enables Agility in 5 points](#)
 - 1. Complete and immediate visibility
 - 2. One place where all your team members work, no matter the role they have with total transparency
 - 3. Foster collaboration and communication between team members and also with customers
 - 4. Increase focus and efficiency
 - 5. Adaptable

About Agile

Whenever talking about Agile, first we have to look at the [Manifesto for Agile Software Development](#), so that we can understand how its [values and principles can be embraced with Xray](#).

There are many ways to look at Agile, though.

Overall, Agile's purpose is to "**Achieve (product) Greatness**" - How?

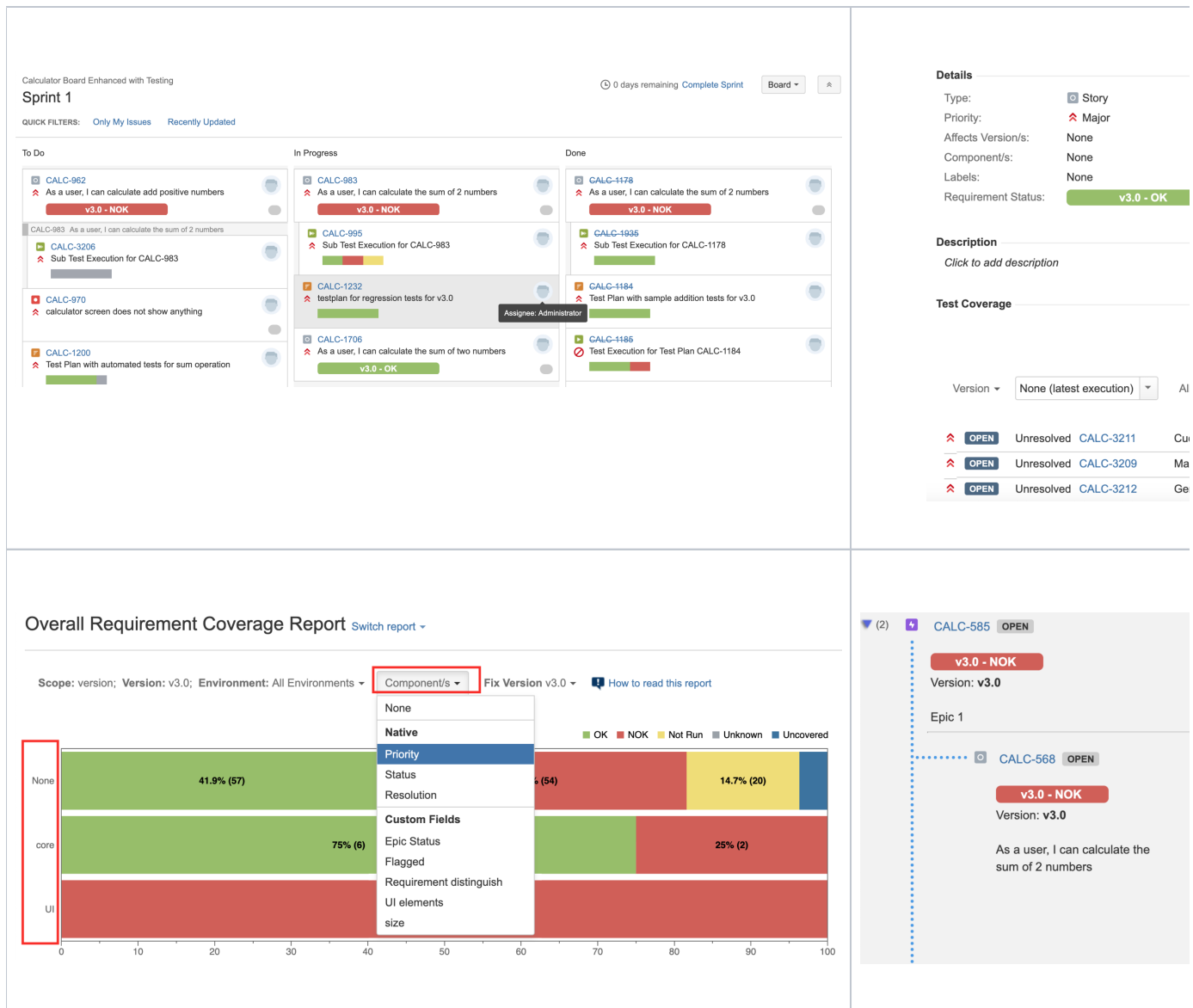
By...

- Having greater **Efficiency**
 - through **Common Understanding**
 - continuous **Collaboration**
 - **automating** repetitive tasks
- Delivering **Value**
- Continuously **Improving**
- Embracing **Change**
- Working as a **Team**

How Xray enables Agility in 5 points

1. Complete and immediate visibility

- With Xray, you can see what is happening on your existent Agile (Scrum/Kanban) Boards or on your stories; no need to ask
- Real time testing/coverage feedback on the issues you're working on (e.g. Stories, Epics, Tests) providing clear insights on quality. Users can quickly analyze test results, evaluate how a Story is on different versions, besides the actual one. To have even deeper understanding on how their feature is performing on different "contexts" (e.g. browsers, mobile devices), users may analyse their test results and coverage on different [Test Environments](#)
- Overall, project-level coverage overview, which includes real-time testing feedback. Xray gives the ability to analyze the stories from multiple perspectives, so you can see how the stories that are relevant to you are, from a QA standpoint
- Xray understands the "hierarchical" relation between Epic<=>Story. In fact, it's just one of the [possible scenarios](#) for handling parent and "sub-requirements." That means that Tests covering a given Story will implicitly cover the related Epic. Thus, from the Epic screen, you can track its coverage, including the latest Test results based on the coverage of related Story issues



2. One place where all your team members work, no matter the role they have with total transparency

- No need to go to different tools to have access to all the information; and no need to synchronize information or users
- Testers can clarify PBIs (product backlog items), assess risks and provide better estimates
- Testers can be part of PRs and tester's automated code can also be reviewed
- Developers, PO, Scrum master can also provide inputs to testing activities
- Blend programming & testing together by having developers and testers working together in the same development related activities, as equals

Issue types

- Bug
- Capability
- Epic
- Improvement
- Initiative
- New Feature
- Pre-Condition
- Requirement
- ResultSet
- Story

12 more issue types

Workflows

Screens

Fields

Versions

Components

Users and roles

Permissions

Issue Security

Users by role

Roles: All

Search by name or email

ADMINISTRATORS

Showing 1 of 1

Name	License	Username	Email address	Last session
jira-administrators				

DEVELOPERS

Showing 2 of 2

Name	License	Username	Email address	Last session
jira-developers				
Administrator	Software, Core	admin	sergio.freire@xpa...	Today 12:03 PM

TESTERS

Showing 1 of 1

Name	License	Username	Email address	Last session
André Rodrigues	Software, Core	ampr2	andre.rodrigues@...	12/Sep/16 12:10 PM

USERS

Showing 1 of 1

Name	License	Username	Email address	Last session
jira-users				

3. Foster **collaboration** and **communication** between team members and also with customers

- Testers communicate directly in the issues being worked on (e.g. stories, bugs, tests)
- Work together with customers and other team members using BDD and Gherkin based frameworks (e.g. Cucumber)

Test Details

Type:

Cucumber

Scenario Type:

Scenario Outline

Scenario:

Given I have entered <input_1> into the calculator

And I have entered <input_2> into the calculator

When I press <button>

Then the result should be <output> on the screen

Examples:

input_1	input_2	button	output
20	30	add	50
2	5	add	7
0	40	add	40
4	50	add	54
5	50	add	55

Activity

All

Comments

Work Log

History

Activity

Trans

Administrator added a comment - In 1 hour

I think we need to review these steps to cover a more comm

4. Increase **focus** and **efficiency**

- Share real-time information with your team using Jira dashboards; if you need PDF, Excel or Word based reports, then automate their creation, storage and sharing using [Xporter](#)
- Avoid wasting or losing time on unnecessary activities/assets; use [automation \(and automated tests\)](#) as much as possible
- Easily bring automated test results independently of the [automation frameworks \(e.g. JUnit, TestNG, Robot, Cucumber, etc\)](#), [coding languages](#) and [CI tool](#) your teams are using. It's as easy as submitting the results; Xray will do the rest

Tests Evolution: xtp_testexecs_v330 - 2018-10-28 - 2018-11-16

Show as Table

Filter Results: xtp_testplans_v330

Key ↓	Summary	Assignee	Labels	Test Plan Status
XTP-1911	Test Plan R3.3.0 S2	Pedro Rodrigues	None	<div><div></div></div>
XTP-1880	Test Plan R3.3.0 S2	Pedro Rodrigues	None	<div><div></div></div>
XTP-1809	Test Plan R3.3.0 s1	Unassigned	None	<div><div></div></div>

1 - 3 of 3

Overall Requirement Coverage: Xray for Jira - xray_v330_requirements

Historical Daily Requirement Coverage: Xray for Jira - xray_v330_requirements - (R3.3.0)

- Copy Dashboard
- Edit Dashboard
- Share Dashboard
- Delete Dashboard
- Find Dashboards
- Create Dashboard
- View as wallboard
- Set up wallboard slideshow

Execution Details

Test Description

Test Issue Links (1)

tests CALC-1234 As a user, I can calculate the sum two numbers OPEN

Test Details

Test Type: Generic

Definition: com.xpand.java.CalcTest.CanAddNumbersFromGivenData

Results

Context	Error Message	Duration	Status
TestAll - calculator (1,2,3)	-	0 millisec	PASS
TestAll - calculator (2,3,4)	java.lang.AssertionError: expected [4] but found [5] at org.testing.Assert.fail(Assert.java:93) at org.testing.Assert.failNotEquals(Assert.java:512) at org.testing.Assert.assertEqualsImpl(Assert.java:134) at org.testing.Assert.assertEquals(Assert.java:115)	1 millisec	FAIL

Calculator / CALC-3214

all my relevant tests for v3.0

Edit Comment Trigger Bamboo Build More Start Progress

Details

Type: Test Plan

Priority: Major

Affects Version/s: None

Component/s: None

Labels: None

Test Count: 3

Status: Resolution: Fix Version/s:

Description

Click to add description

Tests

Test Plan Board

Overall Execution Status

3 PASS

Execution Details

Test Description

None

Test Details

Test Type: Generic

Definition: Robotframework-Webdemo.Login Tests.Valid Login.Val

Results

Context	Error Message
Open Browser To Login Page	
Input Username	
Input Password	
Submit Credentials	
Welcome Page Should Be Open	
Close Browser	



Calculator / CALC-983

As a user, I can calculate the sum of 2 numbers

Edit

Comment

Assign

More

Stop Progress

Resolve Issue

Close Issue

Admin

Details

Type:	Story	Status:	IN PROGRESS (View Workflow)
Priority:	Major	Resolution:	Unresolved
Affects Version/s:	None	Fix Version/s:	v3.0
Component/s:	UI		
Labels:	None		
Sprint:	Sprint 1		
Requirement Status:	v3.0 - NOK		

Description

Test Coverage

Attachments

Issue Links

Sub-Tasks

- Sub Test Execution for CALC-983 IN PROGRESS Administrator
- Sub Test Execution for CALC-983 OPEN Administrator

Edit

Comment

Assign

More

S

Details

Type:	Sub Test Execution
Priority:	Major
Affects Version/s:	None
Component/s:	None
Labels:	None
Test Plan:	None
Test Environments:	None
Tests association with a Test Execution:	3 Test Runs

Description

Tests

Overall Execution Status



Calculator Board Enhanced with Testing

Sprint 1

0 days remaining [Complete Sprint](#)

QUICK FILTERS: [Only My Issues](#) [Recently Updated](#)

To Do

In Progress

Done

<div><div>CALC-962</div><div>As a user, I can calculate add positive numbers</div><div>v3.0 - NOK</div></div>	<div><div>CALC-983</div><div>As a user, I can calculate the sum of 2 numbers</div><div>v3.0 - NOK</div></div>	<div><div>CALC-1178</div><div>As a user, I can calculate the sum of 2 num</div><div>v3.0 - NOK</div></div>
<div><div>CALC-983</div><div>As a user, I can calculate the sum of 2 numbers</div><div>CALC-3206</div><div>Sub Test Execution for CALC-983</div></div>	<div><div>CALC-995</div><div>Sub Test Execution for CALC-983</div></div>	<div><div>CALC-1036</div><div>Sub Test Execution for CALC-1178</div></div>
<div><div>CALC-970</div><div>calculator screen does not show anything</div></div>	<div><div>CALC-1232</div><div>testplan for regression tests for v3.0</div></div>	<div><div>CALC-1184</div><div>Test Plan with sample addition tests for v3.0</div></div>
<div><div>CALC-1200</div><div>Test Plan with automated tests for sum operation</div></div>	<div><div>CALC-1706</div><div>As a user, I can calculate the sum of two numbers</div><div>v3.0 - OK</div></div>	<div><div>CALC-1185</div><div>Test Execution for Test Plan CALC-1184</div></div>