

Integration with Apwide Golive

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Xray provides powerful capabilities for analysis of test results and coverage on a per environment basis, allowing users to easily understand how tests and requirements are on specific target environments.

However, Xray is somehow limited on the management capabilities of Test Environments; they are created similar to labels and they're available to all your Jira projects. You may require more advanced management capabilities for your Test Environments. Fortunately, there is [Apwide Golive](#) (previously known as "Apwide Test Environment Manager") which complements Xray built-in features, allowing you to fully manage Test Environments, their availability amongst other.

On Xray screens, the QA team knows as soon as an Environment becomes unstable or when the wrong version of an application is deployed. Efficiency increases with clickable links to access the Environments and the possibility to book dedicated Environments for test campaigns.

Test Executions and Test Plans are now planned on a Timeline with drag-and-drop and Xray issues dates are automatically updated. Jira filters can be used to obtain a real-time list of bugs that can be tested on a specific environment, taking into consideration the deployed version and the environment status. You can also easily understand how tests and requirements are faring on specific target environments.

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Brief overview of Apwide's Features

Apwide Golive is a complete Test Environments management solution.

A Test Environment is composed by the definition of an "application" and a "category".

An "application" is an abstraction of some generic application entity; it's not exactly a "JIRA project", although it may be bound to the versions of some given project. An environment "category" defines the purpose of the Test Environment. More information on the core concepts [here](#).

Some of Apwide Golive features include:

- ability to manage Test Environments
 - create/edit/remove
 - manage the status of a Test Environment
 - manage the deployed application version on a Test Environment
- Environment Roles (i.e. permissions per team)
- track the historical status changes (e.g. the availability) of a Test Environment
- track the deployed versions through time on a Test Environment
- plan custom events, and Jira issues, on Test Environments using the Timeline
- subscribe to changes on Test Environments



Please note

If you have further questions concerning Apwide Golive app, please contact their team [here](#).

Features and Limitations

The current integration with Xray allows you to:

- visualize and manage Test Executions planning dates (begin & end date) in the Timeline page; it's possible also to manage Test Plans, as long as you also assign Test Environments to them;
- use (exclusively or complementarily) the Test Environments managed by Apwide Golive whenever creating Test Executions;
- assess information related with Test Environments, such as its current status, right in the screens where Test Environments may be present (e.g. reports, Test Execution issue screen).

As limitations, please consider that:

- all information shown about a Test Environment is always the current one; in other words, if you look at the Test Environment information on a Test Run or in a Test Execution, you are not looking at the information at the time that entity was created/run; you're always looking at the current information about that Test Environment.

Installation

In order to use the new extenders that Xray provides, you need to:

1. Install Xray version 3.2.0 or above;
2. Install [Apwide Golive](#) version 6.2.0 or above;
3. Install [Apwide Xray-Integration](#) version 1.2.4 or above;



Learn more

Please see the installation tutorial in video below.

Configuration

The configuration is managed in "Apwide Xray-Integration" app settings.

The integration needs to be explicitly enabled; it's also possible to enforce the usage of Apwide only based Test Environments.

The screenshot shows the Jira Administration interface. The top navigation bar includes 'Administration' and a search bar. Below it, a menu lists various administration areas: Applications, Projects, Issues, Add-ons, User management, System, and Structure. The 'Add-ons' section is expanded, showing a list of installed applications. Two applications are listed: 'Apwide Xray Integration (1.2.4)' and 'Xray'. Both are marked as 'ENABLED'. The 'Apwide Xray Integration' settings are expanded, showing two options: 'Integration enabled' (checked) and 'Apwide environments only' (unchecked). The 'Integration enabled' option is highlighted with a red box. Below the settings is a 'Save Settings' button.

Administration [Back](#)

Applications Projects Issues **Add-ons** User management System Structure

ATLASSIAN MARKETPLACE

[Find new apps](#)

[Manage apps](#)

APWIDE

[Configure Projects](#)

[Application Schemes](#)

[Environment Categories](#)

[Environment Status](#)

[Applications](#)

[Environments](#)

[Environment Properties](#)

[Attributes](#)

[Teams](#)

[Roles](#)

[Permission Schemes](#)

APWIDE XRAY INTEGRATION

Configure

Apwide Xray Integration (1.2.4)

Statuses of required applications

	ENABLED (6.2.2-JIRA7) Apwide brings Test Environment Management into Jira to boost your software delivery with automation, smart release plans and better teamwork. Install or upgrade to latest version of Apwide
	ENABLED (3.2.0) Xray is #1 Manual & Automated Test Management App for QA in Jira. Test Case Management, Software Testing and Quality Assurance in Jira. Install or upgrade to latest version of Xray

Integration settings

☒ **Integration enabled**
Display Apwide environments data in Xray Test Environment fields.

☐ **Apwide environments only**
Check this option to use only existing Apwide environments when setting values of an Xray Test Environment field.

[Save Settings](#)

Use cases

Assign a Test Environment from Apwide in Test Executions

Whenever creating a Test Execution, or whenever editing an existing one, you can specify a Test Environment being managed by Apwide Golive.

Depending on the Apwide Xray-Integration configuration, you may be limited or not to use just Test Environments from Apwide.

Calculator / CALC-2749

all my relevant tests for

Edit

Comment

Trigger Bamboo

Details

Type: Test Plan

Priority: Major

Affects Version/s: None

Component/s: None

Labels: None

Description

Click to add description

Tests

Test Plan Board

Overall Execution Status

2 PASS 1 FAIL

TOTAL TESTS: 3

Create new test execution for tests in test plan CALC-2749

Project: Calculator

Summary: Test Execution for Test Plan CALC-2749

Assignee: Administrator

Choose a user to assign the Test Execution

Priority: Blocker

Start typing to get a list of possible matches or press down to select.

Fix Version/s: v3.0

Start typing to get a list of possible matches or press down to select.

Test Environments: c

Revision:

Suggestions

Calculator Demo (Apwide)

Calculator PreProd (Apwide)

Calculator Production (Apwide)

Calculator Staging (Apwide)

chrome

c (New Label)

Calculator / CALC-2752

Test Execution for Test Plan CALC-2749

Edit

Comment

Assign

More

Close Issue

Reopen Issue

Admin

Details

Type: Test Execution

Priority: Blocker

Affects Version/s: None

Component/s: None

Labels: None

Status: RESOLVED (View Workflow)

Resolution: Fixed

Fix Version/s: v3.0

Test Environments: Calculator_Staging

Test Plan:

Description

Click to add description

Tests

Suggestions

Android

AndroidX

Calculator Demo (Apwide)

Calculator PreProd (Apwide)

Calculator Production (Apwide)

Assess in loco Test Environment information

It's possible to display current/actual information about a given Test Environment in different places.

1. In Test Execution issue screen

Edit Comment Assign More Testing Admin

Export

Details

Type: Test Execution
 Priority: Major
 Affects Version/s: ECOM 3.7
 Labels: NRT SummerRelease
 Test Plan: ECP-213
 Test Environments: PAYMENT STAGING ECOMMERCE STAGING

People

Assignee: Daenerys Targaryen
 Assign to me
 Reporter: Jon Snow
 Votes: 0
 Watchers: 2

Description

Perform a full NRT on the new version of our

Tests

Overall Execution Status
 2 PASS 1 FAIL 2 EXECUTING
 Total Tests: 10

FILTERS

Test Set Assignee
 All All
 Key Summary

eCommerce Staging

Events: show timeline
 Status: Up
 Application: eCommerce
 URL: https://ecom-stg.apwide.c...
 Description: STG environment of our new E-commerce platform.

Attributes

servers: 8
 Console: https://admin.apwide.com
 CPU: Intel Xeon Gold 6154 @ 3.00GHz
 Credentials: Eckinox / ER%egs67
 Database: Oracle 12.2
 Location: Swiss datacenter
 OS: Ubuntu 17.10
 Owner: support@apwide.com
 Team: Red team

Deployments

Version	Deployed	By
ECOM 3.6	2018-10-02 15:15	admin
ECOM 3.5	2018-06-06 07:49	dberclaz
ECOM 1.2.4	2018-04-20 14:41	admin
ECOM 2.1	2018-03-28 12:21	admin

2. In the Test Runs section, in the Test issue screen

Test Runs

Execute In

FILTERS

Project	Version (project dependent)	Status	Start	End
All Projects	Select a project to enable		DD-MM-YYYY HH:MM	DD-MM-YYYY HH:MM

Show 10 entries

Key Fix Version/s Revision Executed By Started Finished Defects Test Environments Status

ECP-301		Thomas Anderson	7 minutes ago				ECOMMERCE STAGING	EXECUTING
ECP-212		David Berclaz	08/06/2018 10:43	08/06/2018 10:43				
ECP-101	ECOM 3.5		23/03/2018 13:33					
ECP-106	ECOM 3.5		14/03/2018 09:53					
ECP-102		Thomas Anderson	10/03/2018 15:58					
ECP-100	ECOM 3.2	Thomas Anderson	09/03/2018 13:20	09/03/2018 20:36				
ECP-91	ECOM 2.1		06/03/2018 13:11					
ECP-299								
ECP-216								
ECP-205								

Showing 1 to 10 of 10 entries

eCommerce Staging

Events: show timeline
 Status: Up
 Application: eCommerce
 URL: https://ecom-stg.apwide.c...
 Description: STG environment of our new E-commerce platform.

Attributes

servers: 8
 Console: https://admin.apwide.com
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ECOM 2.1	2018-03-28 12:21	admin

3. In the reports

Test Executions Report [Switch report](#) ▾

Filters ▾ [How to read this report](#)

							Tests By Status																
TE Key	Summary	Version	Test Environments	Planned start date	Planned end date	Total Tests	PASS	TODO	EXECUTING	FAIL													
ECP-301	UAT October Release	ECOMMERCE STAGING			2018-10-02	2018-10-10	4	0	3	1	0												
ECP-299	UAT October Release	<div><h3>eCommerce Staging</h3><div><div>Events: Status: Application:</div><div> show timeline Up eCommerce</div></div><div><h4>Attributes</h4><div># servers: 8 Console: https://admin.apwide.com CPU: Intel Xeon Gold 6154 @ 3.00GHz Credentials: Eckinox / ER%egs67 Database: Oracle 12.2</div><div><h4>Deployments</h4><table><thead><tr><th>Version</th><th>Deployed</th><th>By</th></tr></thead><tbody><tr><td>ECOM 3.6</td><td>2018-10-02 15:15</td><td>admin</td></tr><tr><td>ECOM 3.5</td><td>2018-06-06 07:49</td><td>dberclaz</td></tr><tr><td>ECOM 1.2.4</td><td>2018-04-20 14:41</td><td>admin</td></tr><tr><td>ECOM 2.1</td><td>2018-03-28 12:21</td><td>admin</td></tr></tbody></table></div></div><div><h4>Status Changes</h4></div></div> <div>URL: https://ecom-stg.apwide.c... Description: STG environment of our new E-commerce platform.</div>			Version	Deployed	By	ECOM 3.6	2018-10-02 15:15	admin	ECOM 3.5	2018-06-06 07:49	dberclaz	ECOM 1.2.4	2018-04-20 14:41	admin	ECOM 2.1	2018-03-28 12:21	admin	0	0	0	0
Version	Deployed				By																		
ECOM 3.6	2018-10-02 15:15				admin																		
ECOM 3.5	2018-06-06 07:49				dberclaz																		
ECOM 1.2.4	2018-04-20 14:41				admin																		
ECOM 2.1	2018-03-28 12:21	admin																					
ECP-293	NRT 3.5	2018-10-02	2018-10-10	4	0	0	3	1	0														
ECP-277	Ad-hoc execution for ECP-85	2018-10-02	2018-10-10	4	0	0	3	1	0														
ECP-276	Ad-hoc execution for ECP-85	2018-10-02	2018-10-10	4	0	0	3	1	0														
ECP-275	Ad-hoc execution for ECP-85	2018-10-02	2018-10-10	4	0	0	3	1	0														
ECP-274	Ad-hoc execution for ECP-85	2018-10-02	2018-10-10	4	0	0	3	1	0														
ECP-272	Ad-hoc execution for ECP-85	2018-10-02	2018-10-10	4	0	0	3	1	0														
ECP-255	UAT in Staging	2018-10-02	2018-10-10	4	0	0	3	1	0														
ECP-251	UAT September Release	2018-10-02	2018-10-10	4	0	0	3	1	0														
ECP-216	New NRT	2018-10-02	2018-10-10	4	0	0	3	1	0														
ECP-212	UAT July Release	PAYMENT STAGING	ECOMMERCE STAGING	2018-07-23	2018-07-26	10	2	5	2	1													

Visualize and manage planning dates and allocation for Test Executions and/or Test Plans

Test Executions can be planned right in the Timeline view provided by Apwide Golive.

1. Add a new issues based calendar

Apwide

October Release

Edited Save Details

APP eCommerce X

New Timeline

MY TIMELINES

E-commerce Booking Requests

Global Roadmap **SHARED**

July Release **SHARED**

October Release

Our new release **SHARED**

Our new release 2 **SHARED**

September Release **SHARED**

SHARED TIMELINES

Jon Snow Timeline

SHORTCUTS

Environments

October 2018 (W41)

Mon 8 Tue 9 Wed 10 Thu 11 Fri 12 Sat 13 Sun 14 Mon 15

eCommerce Dev1 **ECOM 3.7**

eCommerce Integration1 **ECOM 3.2**

eCommerce Integration2 **DOWN**

eCommerce Staging **ECOM 3.6**

eCommerce Production **ECOM 2.0**

Dev close

Security scan **SLOW**

Data refresh **DOWN**

Deployment **ECOM 3.5 - DE**

Load testing **SLOW**

Go/NoGo

Calendars

- Deployment
- Data refresh
- Security scan
- Load testing
- Major Release Milestones

+ Add ▾

Existing Calendars

New Standard Calendar

New Issue Calendar

deployed versions

status changes

Improve your Timeline

Contact us at support@apwide.com to propose new features or get support.

2. Define the name and the colour corresponding of the issues

Create new Calendar

General

Issues Mapping

Default Values

Name* Xray Testing

Choose the name of Calendar

Color*

Choose the default color of Calendar

☐ Group events of this calendar in the same row

Choose how to arrange the calendar's items on the timeline

Save

Cancel

3. Specify the JQL to define the scope for the issues

Create new Calendar

General

Issues Mapping

Default Values

Events Source* ☐ Project

☐ Filter

☒ JQL

Advanced search*

✓ project = "E-commerce platform" AND
issuetype in ("Test Execution", "Sub Test
Execution") ?

Event Start* Begin Date

Event End* End Date

Select the date fields your want to map to your event dates

Environment(s)* Test Environments (Xray)

Associated environments

Save

Cancel

4."Define the Default Values that will be pre-filled so that new Test Executions can be created using the calendar drag-and-drop (refer to the below video)

Create new Calendar

General

Issues Mapping

Default Values

Default Project

E-commerce platform (ECP)

Default project when creating a new issue on the timeline

Default Issue Type

Test Execution

Default issue type when creating a new issue on the timeline

Save

Cancel

4. You can now see the Test Executions issues in the Timeline; you can also change the planning dates by moving the left/right side edges of the issue item

Jira Software

Dashboards

Projects

Issues

Apwide

Boards

Tests

Create

Search

Apwide

July Release

SHARED

Edited

Save

Details

Add Event

Export

APP: eCommerce

CAT: Dev1

CAT: Staging

CAT: Production

New Timeline

MY TIMELINES

E-commerce Booking Requests

Global Roadmap

SHARED

July Release

SHARED

October Release

Our new release

SHARED

Our new release 2

SHARED

September Release

SHARED

SHARED TIMELINES

Jon Snow Timeline

SHORTCUTS

Environments

<<

>>

Today

Settings

+

-

⋮

(drag timeline)

(ctrl + scroll to zoom in/out)

	Sun 22	Mon 23	Tue 24	Wed 25	Thu 26	Fri 27
eCommerce Dev1						
eCommerce Staging		Load testing SLOW				Go/NoGo
eCommerce Production			ECP-249 test plan July Release BACKLOG			Security scan SLOW

Go/NoGo

Security scan
SLOW

Calendars

Deployment

Data refresh

Xray Testing

ISSUES

Security scan

Load testing

Major Release Milestones

+ Add

(drag and drop on timeline to plan a new activity)

Logs

deployed versions

status changes

Improve your Timeline

Contact us at support@apwide.com to propose new features or get support.



Please note

It's also possible to manage Test Plans planning dates using this app, as long as you also include the Test Environments custom field in the screens associated with Test Plan issues.

You need to update the "Test Environments" custom field in Jira's "Custom Fields" administration section, so that the applicable contexts will also include the Test Plan issue type.

Default Configuration Scheme for Test Environments

Default configuration scheme generated by JIRA

Applicable contexts for scheme: [Edit Configuration](#)

Issue type(s):



Default Value: [Edit Default Value](#) None

References

- [Apwide Golive in the Marketplace](#)
- [Apwide Golive documentation](#)