

.Usecase: Digital.ai Agility and Micro Focus ALM Requirements and Test synchronization v2.11

Digital.ai Agility is used as a Project and Portfolio management tool and Microfocus ALM is primary used for Quality management, In this usecase we will how to set up an Integration in ConnectALL to synchronize data between these systems.

Usecase: Project Manager uses Digital.ai Agility and grooms the backlog and timebox the work in Digital.ai Agility, the work once added in the timebox then needs to be synchronized to ALM as requirements. ALM Users create tests for the requirements, and these testcases should be synchronized back to ALM and linked to corresponding workitems in Digital.ai Agility.

Step-by-step guide

Automation to Synchronize requirements

1. Choose the applications to map as Digital.ai Agility and ALM in the ConnectALL home screen, give it a name and click on "Map Apps" button.
2. Enter the login credentials for the application endpoints in the configuration screen and click on "Configure".
3. Choose the projects to synchronize the artifacts in the entity mapping screen. Disable "Create" Sync option for Digital.ai Agility to restrict new stories created from ALM requirements. Click on "Configure Fields" to proceed.

Connection

Entity Mapping

Automation Properties

Digital.ai Agility (VersionOne)

Micro Focus ALM

project

DemoProject

CADemo

issuetype

Story

Requirement

domain

NA

DEFAULT

Template Project

Flow Properties

Issue Linking Enabled?

Sync Child Projects?

Date Formats

Attachment URL Markup

Sync User

Sync Password

Flow Filter

Time Difference

Sync Start Time

Sync Type

Sync Operations

☒

☐

M/d/yyyy/yyyy/MM/dd

HTML

☒ Poll ☐ Push

☒ Create ☒ Update

☒

☐

M/d/yyyy/yyyy/MM/dd,yyyy-MM-dd
HH:mm:ss,yyyy-MM-dd

HTML

admin

☒ Poll ☐ Push

☒ Create ☒ Update

4. Map the required data-points and do value mapping for the fields where-ever necessary

Field Mapping Properties					
Field	Direction	Field			
Attachments (Story.Attac...	<=>	Attachment (attachment)	First		
CreateDate (Story.Create...	<=> !	Creation Time (req-time)	First		
Priority (Story.Priority)	<=>	Priority (req-priority)	First		
CreatedBy (Story.Created...	<=> !	Author (owner)	First		
Status (Story.Status)	<=>	Direct Cover Status (status)	First		
Name (Story.Name)	<=>	Name (name)	First		
Description (Story.Descri...	<=>	Description (description)	First		
Owners (Story.Owners)	<=>	PPM Assigned To (reques...	First		
ComplexityRank (Story.C...	<=> !	RBQM Functional Compl...	First		
ChangeDate (Story.Chan...	<=> !	Modified (last-modified)	First		
Save					

5. Map the "ID" field of Digital.ai Agility to a "custom user field" of ALM requirement.

ID (Story.ID)	<=> !	Jira ID (user-01)	First		
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6. Save the automation.

Automation to Synchronize test cases

1. Choose the applications to map as Digital.ai Agility and ALM in the ConnectALL home screen, give it a name and click on "Map Apps" button.
2. Enter the login credentials for the application endpoints in the configuration screen and click on "Configure".

Connection

Digital.ai Agility (VersionOne)

Micro Focus ALM

Connection Name	V1	Connection Name	ALM12
URL	http:// <div>www</div> . <div>lirtner-Co</div>	URL	http:// <div>localhost:8080</div>
URL for VersionOne. Eg: https://www.host.com/Test/		URL for QC (without fqdn). Eg: http://localhost:8080	
UserName	admin	UserName	admin
VersionOne User Name		Admin user name or Client Id for QC Instance	
Password	*****	Password	*****
VersionOne Password		Password or Secret Key for QC Instance	
Application Category		Application Category	
Time Zone	(GMT-5:00) Canada/Easte	Time Zone	Select
VersionOne Timezone		Timezone for QC Instance	
Access Token		Authentication Type	<input checked="" type="radio"/> Basic <input type="radio"/> OAuth
Please provide access token if you don't want to au			
Validate Connection		Validate Connection	

Above Fields are Mandatory

Type

Synchronization

Conflict Management Strategy

First In

Configure

Re-Configure

3. Choose the projects to synchronize the artifacts in the entity mapping screen and click on "Go to fields" to proceed.

Connection

Entity Mapping

Field Mapping

Automation Properties

Digital.ai Agility (VersionOne)

Micro Focus ALM

project	QA Project	DEMO
Issuetype	Story	Requirement
domain	NA	DEFAULT
Template Project		

Flow Properties

Issue Linking Enabled?

Sync Child Projects?

Date Formats

Attachment URL Markup

Sync User

Sync Password

Flow Filter

Time Difference

Sync Start Time

Sync Type

Sync Operations

☒

☐

M/d/yyyy/yyyy/MM/dd

HTML

☒ Poll ☐ Push

☒ Create ☒ Update

☒

☐

M/d/yyyy/yyyy/MM/dd/yyyy-MM-dd
HH:mm:ss/yyyy-MM-dd

HTML

admin

☒ Poll ☐ Push

☒ Create ☒ Update

Additional Properties

Sync Schedule

Record Linking Strategy

Email Notification

every minute

Regular

Email To

Recipients

<No Recipients>

Go to fields

- Map the required data-points and do value mapping for the fields where-ever necessary.

Field Mapping Properties						
Field	Direction	Field				
Attachments (Story.Attac...	<=>	Attachment (attachment)	First			
CreateDate (Story.Create...	<=> !	Creation Time (req-time)	First			
Priority (Story.Priority)	<=>	Priority (req-priority)	First			
CreatedBy (Story.Created...	<=> !	Author (owner)	First			
Status (Story.Status)	<=>	Direct Cover Status (status)	First			
Name (Story.Name)	<=>	Name (name)	First			
Description (Story.Descri...	<=>	Description (description)	First			
Owners (Story.Owners)	<=>	PPM Assigned To (reques...	First			
ComplexityRank (Story.C...	<=> !	RBQM Functional Compl...	First			
ChangeDate (Story.Chan...	<=> !	Modified (last-modified)	First			
<div>Save</div>						

- Map the "Test Subject Name" field in QC to "Parent" field in Digital.ai Agility, this field mapping is mandatory and is used to establish the relationship between the Digital.ai Agility Story and Testcase.



Instead of "Test Subject Name" you can also map a custom user field in ALM Testcase to Parent.

Parent (Story.Parent)	<=>	Test Subject Name (subje...	First			
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- Save the automation.

Synchronize Story from Digital.ai Agility to ALM

Create a story in Digital.ai Agility and synchronize it to ALM, once synchronize the record in ALM will show the Digital.ai Agility story id in the record user field.

Requirements Edit View Favorites Analysis						
Filter: Req ID[>207]						
	Name	Req ID	Direct Cover Status	Author	VersionOne Id	JIRA ID
▼ Requirements		0	---	---	---	---
	As a user I would like to be able to updat...	208	Not Covered			Story:36619
	As user I would like to be able to update...	209	Not Covered			Story:36620
	As a user I would like to choose whether...	210	Not Covered			Story:36622
	As a user I would like to have a portal w...	211	Not Covered			Story:36621

ALM users can then create, tests in ALM with the Digital.ai Agility story id as test-subject, so that they can group all tests under one folder

ALM Structure of testcases

TestsEditViewFavoritesAnalysis

No Filter Defined

Name

Subject

Unattached

Demo-Project-Testsuite

Story:10117

Story:10377

Story:36619

Test case 1

Test case 2

Test case 3

Story:36622

Story:36620

Story:36621

Regression-Testsuite

DetailsDesign StepsParametersAttachmentsTest ConfigurationsReq CoverageLinks

Test Name:

Test case 3

Creation Date:

6/24/2019

JIRA ID:

Test ID:

33

Digital.ai Agility structure of testcases

As a user I would like to be able to update my contact details in Jira

Tests | 3Links | 0Attachments | 0

Tasks

Tests

1-3 of 3

Title	ID	Owner	Status	Detail Estimate Hrs.	Done Hrs.	Create Date ↑	Reference
Test case 1	AT-01316					6/24/2019 9:15 PM	
Test case 2	AT-01317					6/24/2019 9:15 PM	
Test case 3	AT-01318					6/24/2019 9:15 PM	