

# 2023 Linktech 雲端智慧企業實戰研討會

## 雲端自動化測試

雲端測試管理與持續整合-最佳實踐與成功案例

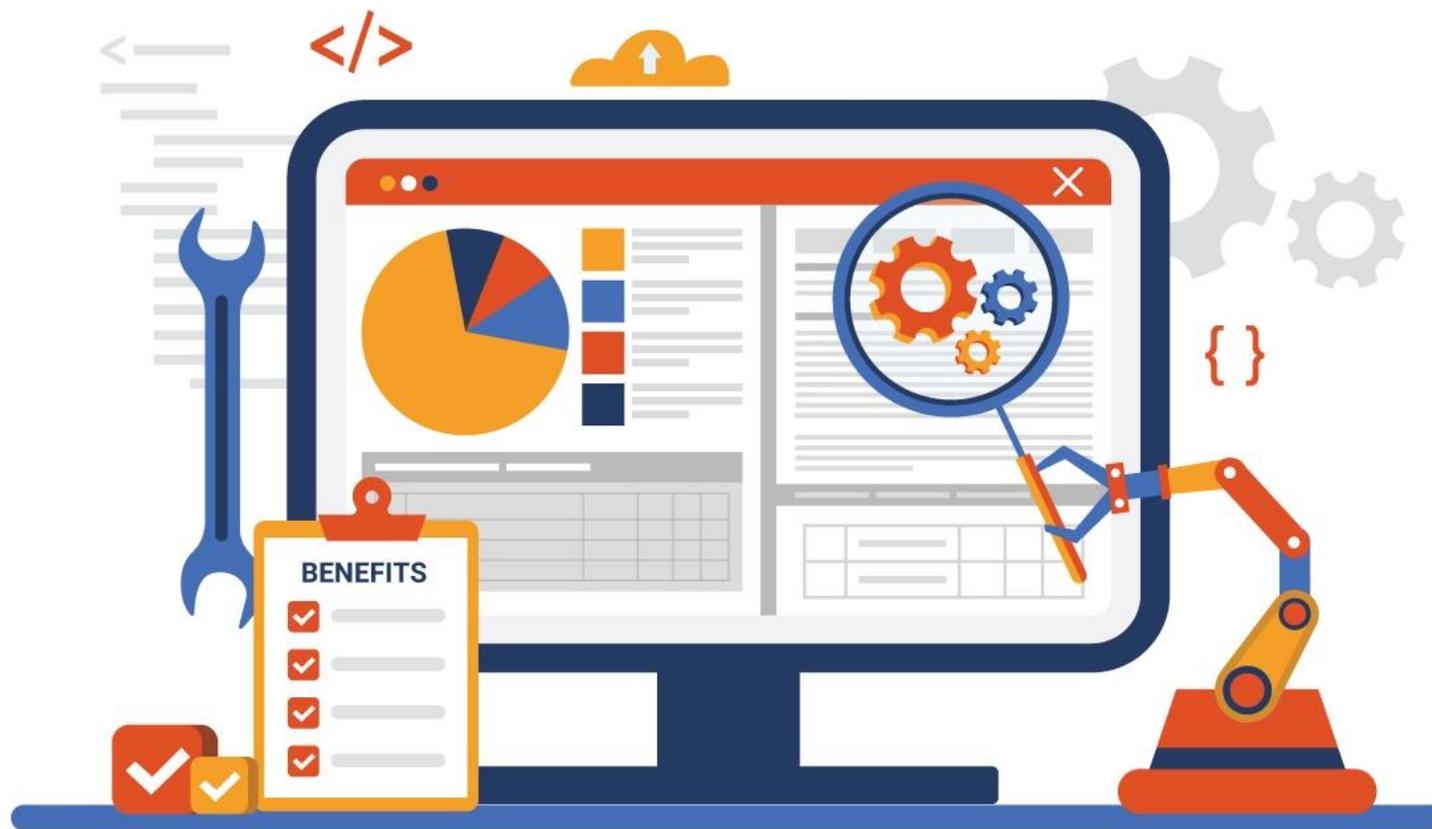
Daniel - Linktech Inc - 2023雲端智慧企業實戰研討會

## OUTLINE

- 為什麼需要雲端自動化測試?
- 什麼是 Katalon?
- 雲端測試管理案例分享
- QA

# 為什麼需要雲端自動化測試？

# 自動化測試



# 雲端自動化測試

01

彈性與可擴展性

02

集中管理

03

靈活性

04

共享和合作

05

快速回應

# 什麼是 Katalon?

# Katalon 自動化測試工具



# 雲端測試管理

# 雲端測試管理



# 雲端測試管理的挑戰

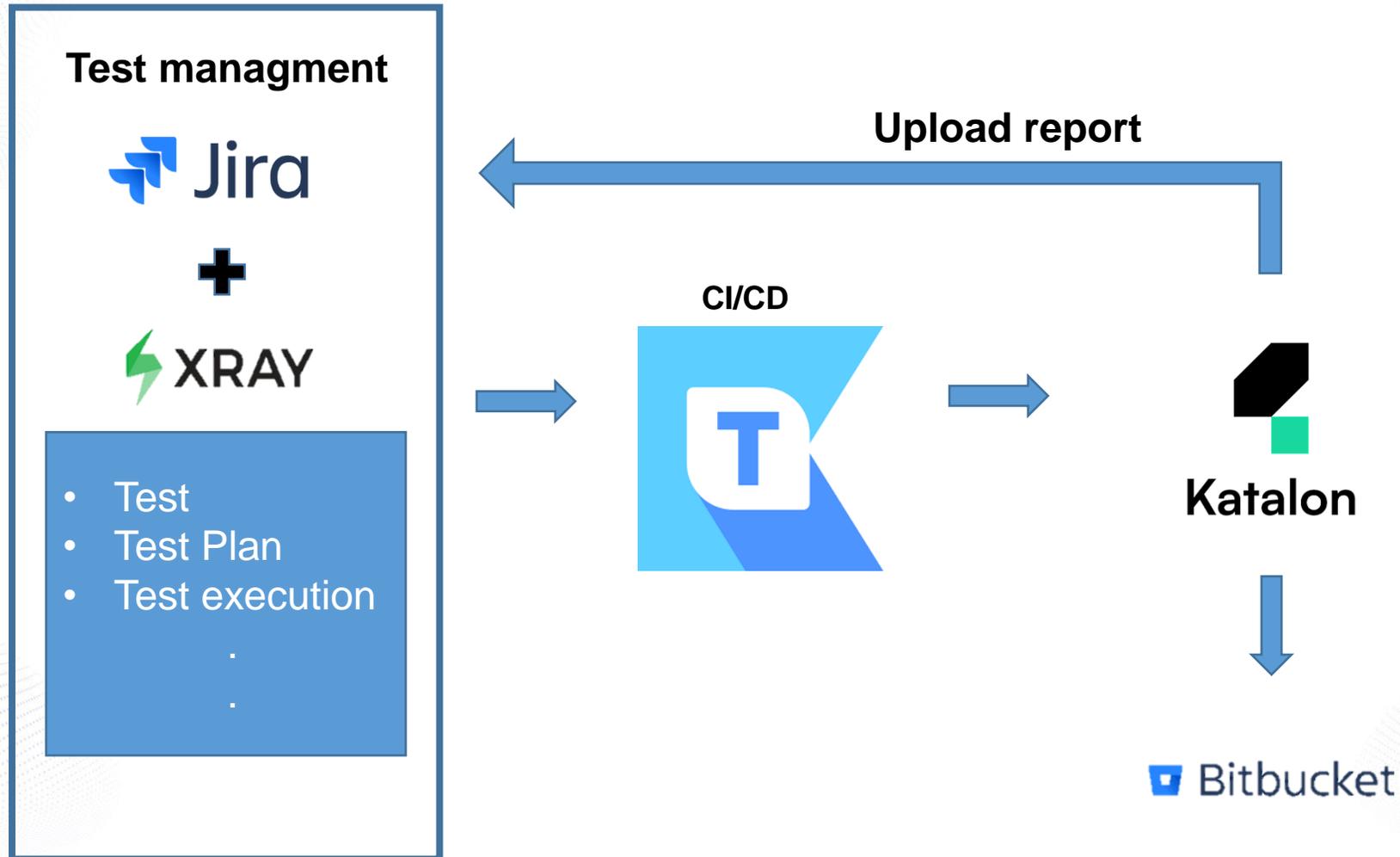
資源管理

測試環境的  
複雜性

持續整合與  
交付

# 案例分享

# 案例分享



# 案例分享

The screenshot displays the Jira Backlog interface for a project named 'Katalon demo' and a board named 'KD board'. The main view is the 'Backlog' page, which includes a search bar, filters for 'Only My Issues' and 'Recently Updated', and a 'Share' button. The interface is divided into three main sections:

- VERSIONS:** A sidebar on the left showing a list of versions, currently displaying 'beta' under 'All issues'.
- EPICS:** A sidebar in the middle showing a list of epics, currently displaying '公司登入首頁改版' under 'All issues'.
- KD Sprint 1:** A main panel on the right showing a single issue '登入測試' (KD-1) with a 'Start sprint' button and a 'View linked pages' link. Below the issue, it shows '1 issue Estimate 0' and a 'Create sprint' button.

The 'Backlog' section at the bottom indicates '0 issues' and contains the text 'Your backlog is empty.'

版本控制

需求管理

功能開發與測試

# 案例分享

KD-8

## 功能性測試

Attach

Create subtask

Link issue



Show dependency links between issues

Test Coverage

Tests



### Description

Add a description...

### Linked issues



is tested by

KD-6 表單測試

^ [User] IN PROGRESS

KD-11 表單測試

^ [User] IN PROGRESS

KD-10 表單測試

= [User] IN PROGRESS

KD-7 cookie測試

= [User] IN PROGRESS

# 案例分享

Projects / Katalon demo / KD-12

## Test Execution for Test Plan KD-8

Attach Create subtask Link issue Show dependency links between issues Tests Katalon Manual Tests (BETA)

Description  
Add a description...

Tests  
Add Tests View on board

### Overall Execution Status

3 PASSED 1 FAILED TOTAL TESTS: 4

Only My Test Runs Filters 10 Columns

Rank	Key	Summary	Test Type	Dataset	#Defects	Status	Actions
1	KD-6	表單測試	Manual		1	FAILED	
2	KD-7	cookie測試	Manual		0	PASSED	
3	KD-10	表單測試	Manual		0	PASSED	
4	KD-11	表單測試	Manual		0	PASSED	

Prev 1 Next Total 4 issues

In Progress Actions

### Details

Assignee: 昕哲(Daniel) 鄭  
Reporter: 昕哲(Daniel) 鄭  
Development  
Releases: + Add deployment  
Labels: None  
Fix versions: beta  
Priority: Medium  
Automation: Rule executions  
Test Plans: Open Test Plans  
Test Environments: Open Test Environments  
WBS Gantt-Chart: Open WBS Gantt-Chart

### More fields

Original estimate: 0m  
Time tracking: No time logged

# 案例分享

 KD-4

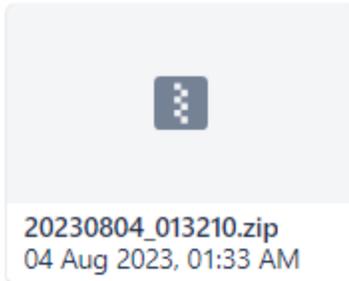
## Test Execution for Test Plan KD-3



### Description

Add a description...

### Attachments (1)



## Katalon Platform

[Linked Test Cases \(0\)](#) [Katalon Platform Test Results \(0\)](#) [Katalon Studio Test Results \(1\)](#)

Attachments	Status
20230804_013210.zip	<b>PASSED</b>

# 案例分享

## KD-4 Test Execution for Test Plan KD-3

### Information

ID	Test Cases/KD-4 Test Execution for Test Plan KD-3		
Description	Summary: Test Execution for Test Plan KD-3 Description:		
Tag	jira-integration		
Start	2023-08-04 16:50:12	End	2023-08-04 16:50:25
Elapsed	13.610s		
Status	PASSED		

### Details

#	Description	Elapsed	Status
1	comment("Story: Login to CURA system") <a href="#">Story: Login to CURA system</a>	0.112s	PASSED
2	comment("Given that the user has the valid login information") <a href="#">Given that the user has the valid login information</a>	0.008s	PASSED
3	openBrowser(C SiteURL)	5.006s	PASSED

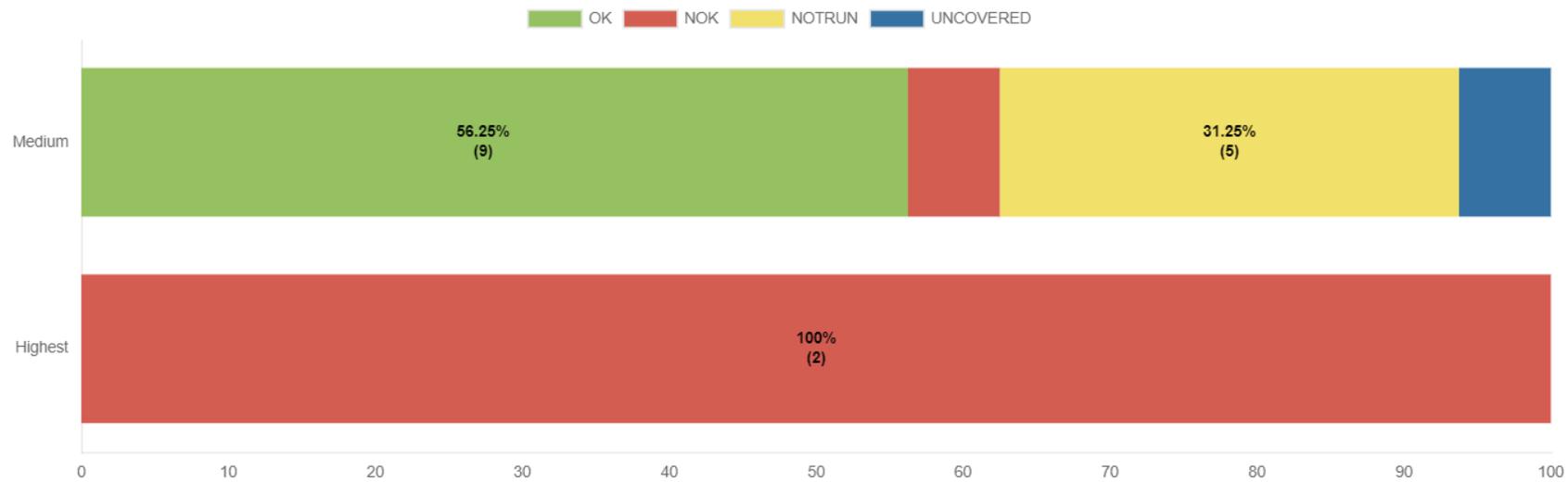
# 案例分享

## Test Coverage Report 📘

Share

Analysis & Scope    Group By    View    Filters

Scope: Latest Final Status    Priority    Flat    Project: Book Store



# 案例分享

## Test Plans Metrics i

Filters

Project: Katalon demo  Final statuses have precedence over non-final. Show

Test Plan	Tests by Status	Totals	Tests by Test Type	Defects
<b>KD-8</b> 功能性測試 Fix Version/s: - Start date: - End date: - Test Environments: -	 PASSED <b>3</b> FAILED <b>1</b>	Test Executions <b>1</b> Test Runs <b>4</b> Tests <b>4</b>	Manual <b>4</b>	Open <b>1</b> Close <b>0</b>
<b>KD-3</b> 登入功能測試 Fix Version/s: - Start date: - End date: - Test Environments: <b>2</b>	 PASSED <b>1</b>	Test Executions <b>2</b> Test Runs <b>1</b> Tests <b>1</b>	Manual <b>1</b>	Open <b>0</b> Close <b>0</b>

Q & A



**Thanks!**

[www.linktech.com.tw](http://www.linktech.com.tw)