

# 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

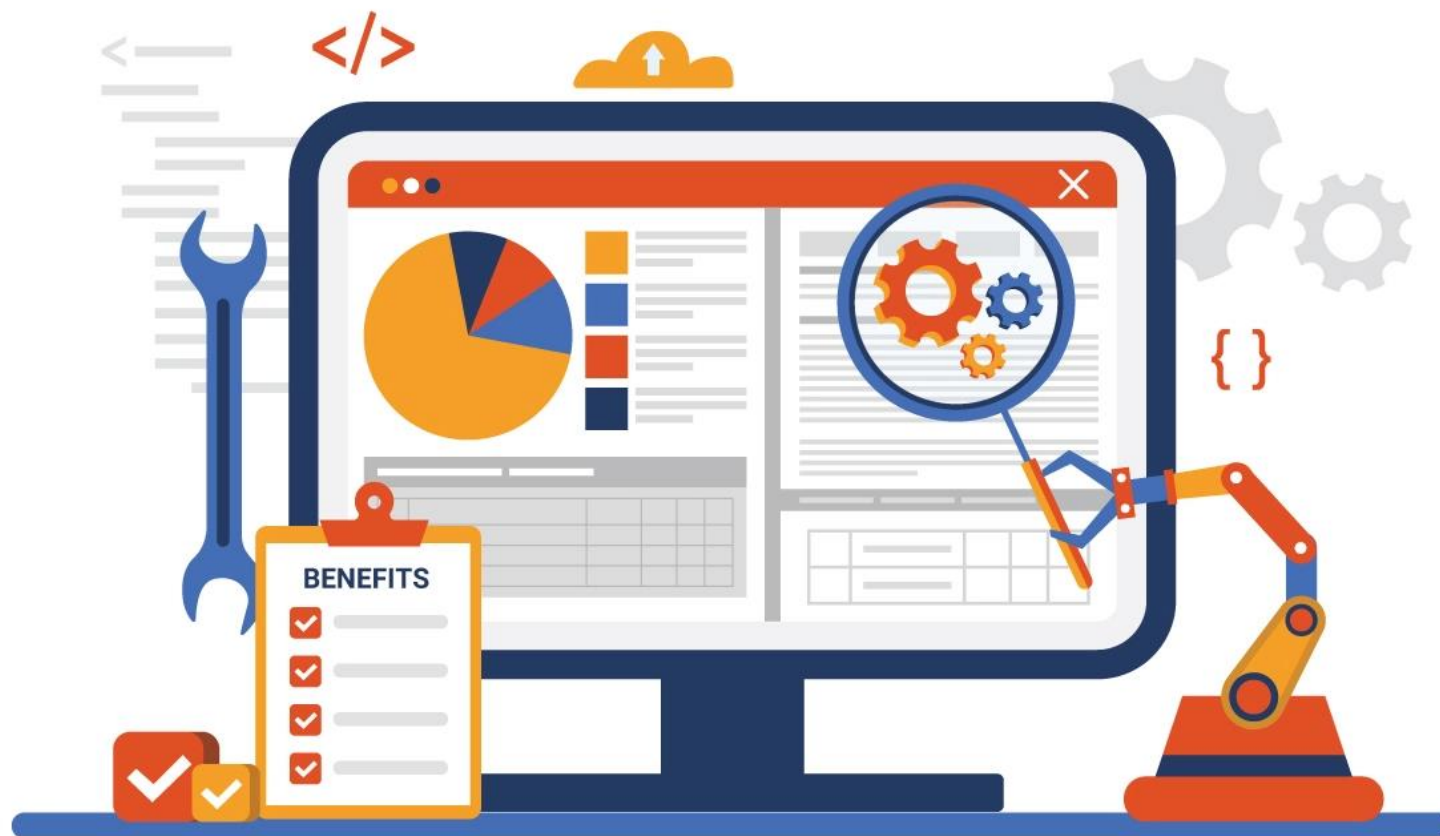
Daniel - Linktech Inc - 2023雲端智慧企業實戰研討會

## 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

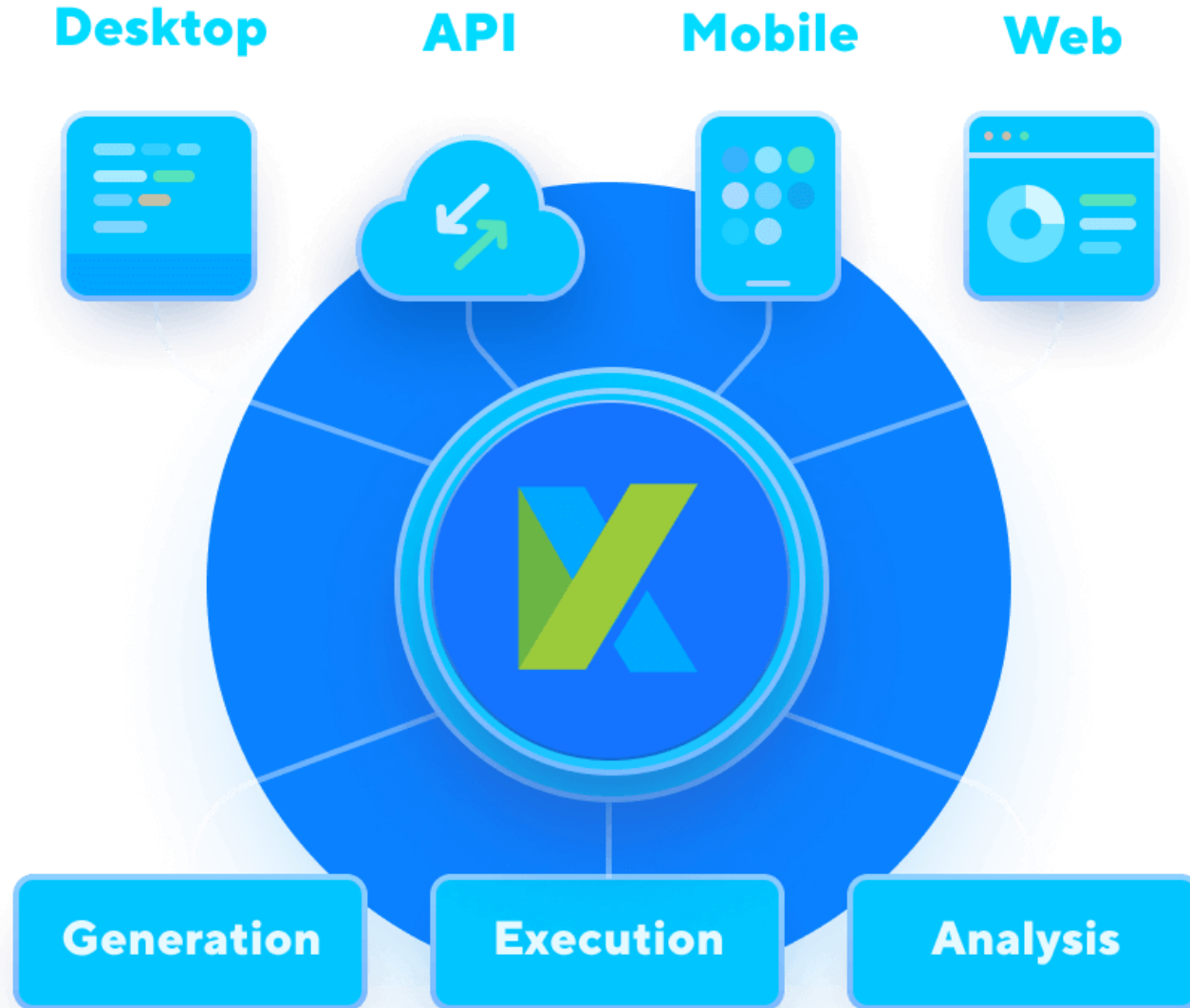
共享和合作

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

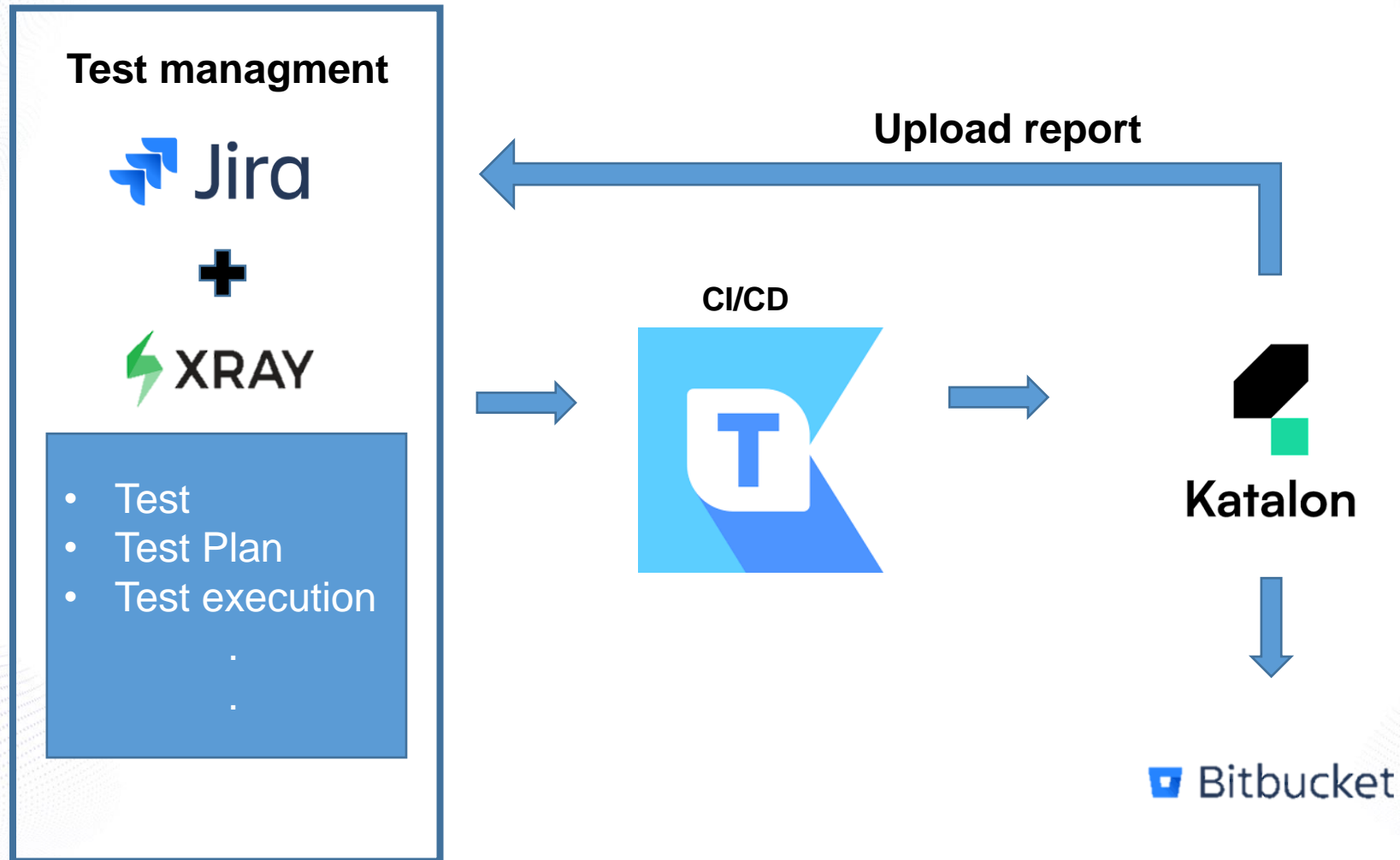
資源管理

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

Projects / Katalon demo / KD board

## Backlog

Search backlog  Only My Issues Recently Updated Share ... Insights

**VERSIONS** Create version ×

All issues

> beta

Issues without versions

**EPICS** Create epic ×

All issues

> 公司登入首頁改版

Issues without epics

**KD Sprint 1** 1 issue Start sprint ...

Add dates

登入測試 KD-1

+ Create issue

1 issue Estimate 0

Create sprint ...

**Backlog** 0 issues

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

^ IN PROGRESS ▾

KD-11 表單測試

^ IN PROGRESS ▾

KD-10 表單測試

= IN PROGRESS ▾

KD-7 cookie測試

= 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
<input type="checkbox"/>	1	KD-6 表單測試	Manual		1	FAILED	
<input type="checkbox"/>	2	KD-7 cookie測試	Manual		0	PASSED	
<input type="checkbox"/>	3	KD-10 表單測試	Manual		0	PASSED	
<input type="checkbox"/>	4	KD-11 表單測試	Manual		0	PASSED	

Prev 1 Next

Total 4 issues

1

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

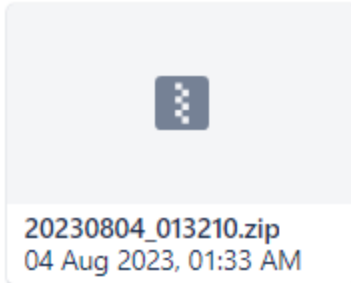
## Test Execution for Test Plan KD-3



### 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

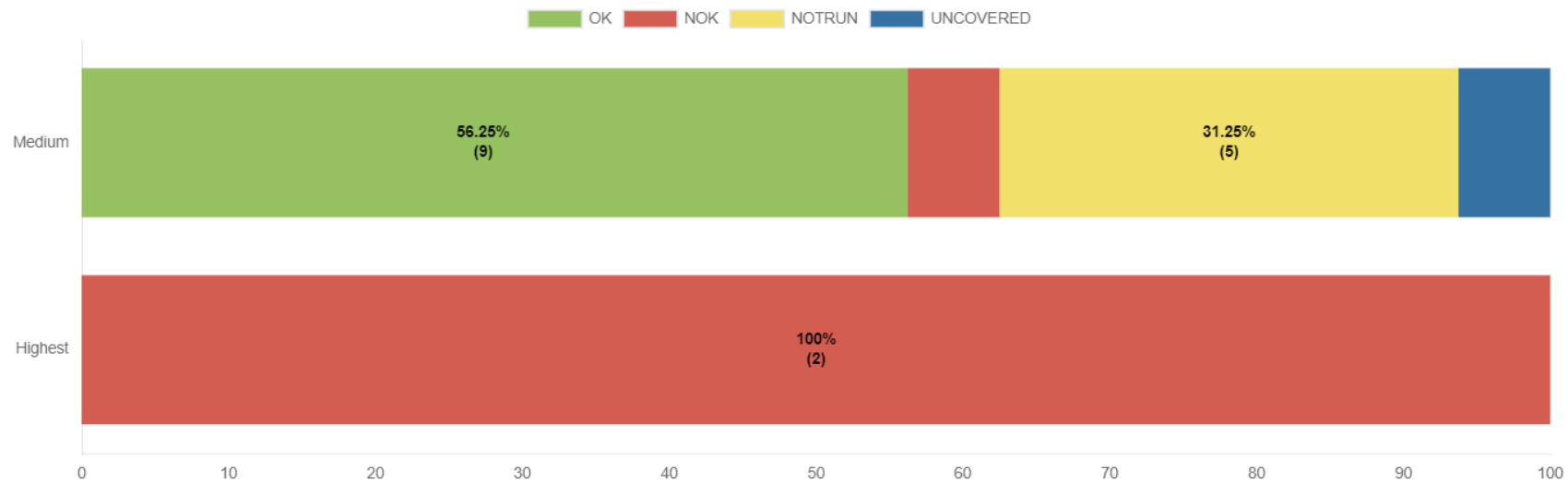
# 案例分享

## 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!

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