

連結報表與表單

1 建立與編輯資料的樣態(pattern): Search then Edit/Create

樣態一：使用者在報表上搜尋資料，找到資料後，編輯資料。

1. 使用者在清單上搜尋資料
2. 若找到資料，則編輯資料
3. 若找不到資料，則新增資料

樣態二: 使用者直接新增資料

2 實現: Search then Edit/Create 樣態的作法

- 在報表的某個欄位上，加上超連結，點選超連結後，進入表單頁面，並且帶入報表上的資料。
- 在表單頁面上，加上一個按鈕，當使用者點選按鈕時，進入空白表單頁面，讓使用者新增資料。

Sample Reporting

Help hychen39

Interactive Report

This interactive report was created using the Create Page Wizard. The SQL used to create this report displays in the show/hide region at the bottom of the page. Interactive reports feature built-in search capability in that your search term is used to search across the row. In addition to the default interactive report functionality, this report has a **Detail** view which you can toggle to by clicking the **Detail View** icon. You can sort and filter columns by clicking on column headings, click the **Actions** drop down menu to control the columns to display on the report and the order in which they are displayed. You can also save custom reports, chart data, and perform many other actions.

Q

Go

1. Primary Report

Actions

	Project	Task Name	Start Date	End Date	Status	Assigned To	Cost	Budget	Available Budget
	Bug Tracker	Document quality assurance procedures	19-AUG-24	22-AUG-24	Closed	Myra Sutcliff	3,000	2,000	-1,000
	Bug Tracker	Review automated testing tools	23-AUG-24	25-AUG-24	Closed	Myra Sutcliff	750	1,500	750
	Bug Tracker	Implement bug tracking software	07-SEP-24	07-SEP-24	Closed	Myra Sutcliff	100	100	0
	Discussion Forum	Identify owners	08-SEP-24	08-SEP-24	Closed	Hank Davis	250	800	550

在 IR 上提供超連結欄位的作法

1. 在 IR 上額外加入一個 Link Column (超連結欄位)
 - 這個欄位不在原本的資料來源中

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Interactive Report





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	Discussion Forum	Identify owners	08-SEP-24	08-SEP-24	Closed	Hank Davis	250	300	50

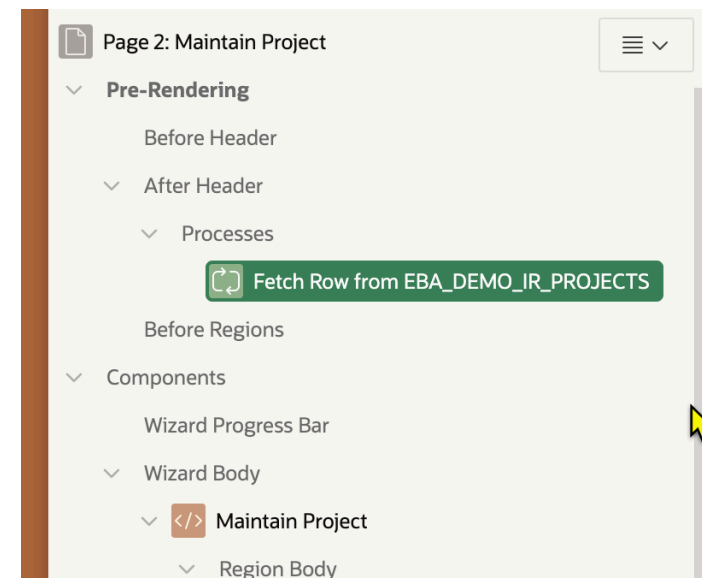
2. 將資料來源中的某個欄位的型態變成超連結(Link Type)

- 這個欄位在報表上會變成超連結

Ch03 Case Studies				u01	
<div><div>Q</div><div></div><div>Go</div><div>Actions</div></div>					
員工編號		名字		聘雇日期	
7839		KING		11/17/1981	
7698		BLAKE		5/1/1981	
7782		CLARK		6/9/1981	
7566		JONES		4/2/1981	
7788		SCOTT		12/9/1982	
7666		SMITH		10/15/1981	


表單帶入點選的資料的作法

- 點選超連結欄位時，轉跳到指定的頁面，並且帶入點擊目標的 PK 參數值到表單的 PK 欄位中
- 表單的初始化程序會根據 PK 欄位的值，查詢資料庫，並且將資料帶入表單中。



在 IR 上提供按鈕的作法

- 在 IR 區域加入一個按鈕，位於 IR Search Bar 的右側。
- 設定按鈕的行為是轉跳到表單頁面，並且帶入空白表單頁面。

<div><div>Q v </div><div>Go</div><div>1. Primary Report v</div><div><div></div><div></div></div><div>Actions v</div><div><div></div><div>Reset</div></div></div>									
	Project	Task Name	Start Date ↑	End Date	Status	Assigned To	Cost	Budget	Available Bu
	Bug Tracker	Document quality assurance procedures	19-AUG-24	22-AUG-24	Closed	Myra Sutcliff	3,000	2,000	-1,000

3 設定 IR 的超連結欄位及按鈕

在 IR 新增超連結欄位

1. 點選 IR 區域
2. 點選右側的 Attributes 頁籤，顯示 IR 整體屬性
3. 在 Link 區域，設定 Link Column
 - Link Column: Link Custom Page
 - Link Icon: 超連結的圖示
4. 點擊 Link Target，設定超連結的目標頁面及帶入的參數

在 Target 區域：

- Target: Page in this application
- Page: 表單頁面的頁面編號

Link Builder - Target

Target

TypePage in this application

Page2

Set Items

NameValue

P2_ROWID#ROWID#

Clear / Reset

Clear Cache2

ActionNoneClear RegionsReset RegionsReset Pagination

Advanced

Cancel

Clear

OK

在 Set Items 區域：設定帶入的參數

- Name: 表單頁面的 PK 欄位或其它要預設值的欄位
- Value: 資料來源中的欄位名稱。
 - 使用 `#COLUMN_NAME#` 來代表資料來源中的欄位名稱
 - 例如: `#EMPNO#`
- `#COLUMN_NAME#` 稱為 hash 替代字串(substitution string)語法

在 Clear/Reset 區域: 設定清除或重設表單的行為

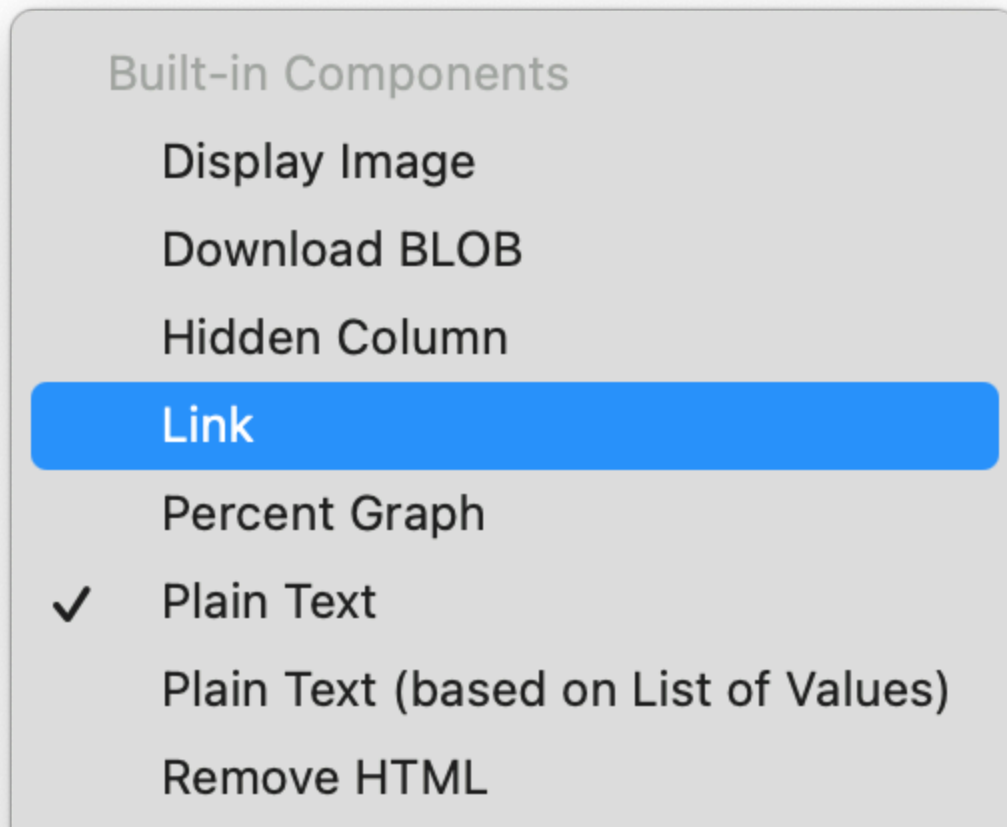
- Clear Cache: 多個頁面編號，用逗號分隔

在 IR 中將欄位設定為超連結的設定

1. 在 IR 中選擇目標欄位


The screenshot displays the Oracle APEX Interactive Report configuration interface. On the left, the 'Columns' list under the 'Projects' component is visible, with 'TASK_NAME' selected and marked with a red circle '1'. The main area shows a preview of the report with a 'Projects' section containing a table with columns like 'SORT ORDER', 'PREVIOUS', 'REGION BODY', 'REGION CONTENT', and 'SUB REGIONS'. A 'RESET_DATA' button is visible. The right sidebar shows the configuration for the selected 'TASK_NAME' column, with 'Type' set to 'Plain Text' and marked with a red circle '2'.

2. 修改欄位的型態為 Link



3. 在欄位的 Link 屬性區段，設定:

- Target Page
 - 設定與前述的 Target Page 相同
- Link Text: 要顯示的超連結文字
 - 使用 `#COLUMN_NAME#` 來代表資料來源中的欄位名稱
- Link Attributes: 產生的 HTML anchor 內的其它屬性

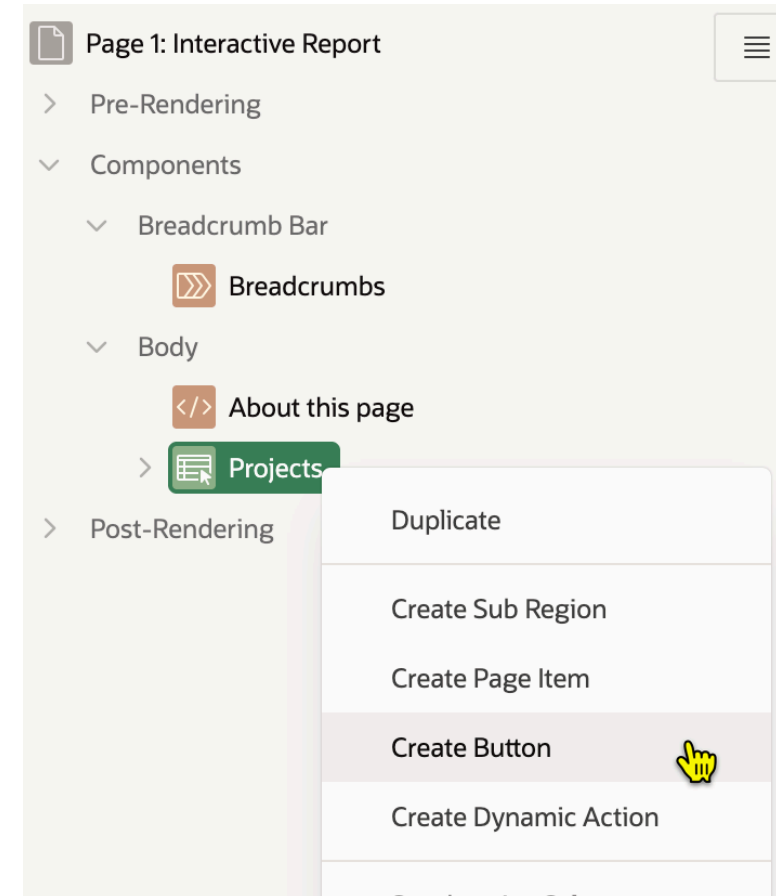


The screenshot shows a configuration panel for a 'Link' property. It has a title 'Link' with a dropdown arrow. Below the title are three fields: 'Target' with the value 'Page 2', 'Link Text' with the value '#TASK_NAME#', and 'Link Attributes' which is empty. Each field has a menu icon (three dots) to its right. The 'Target' field is highlighted with a green dashed border.

Property	Value
Target	Page 2
Link Text	#TASK_NAME#
Link Attributes	

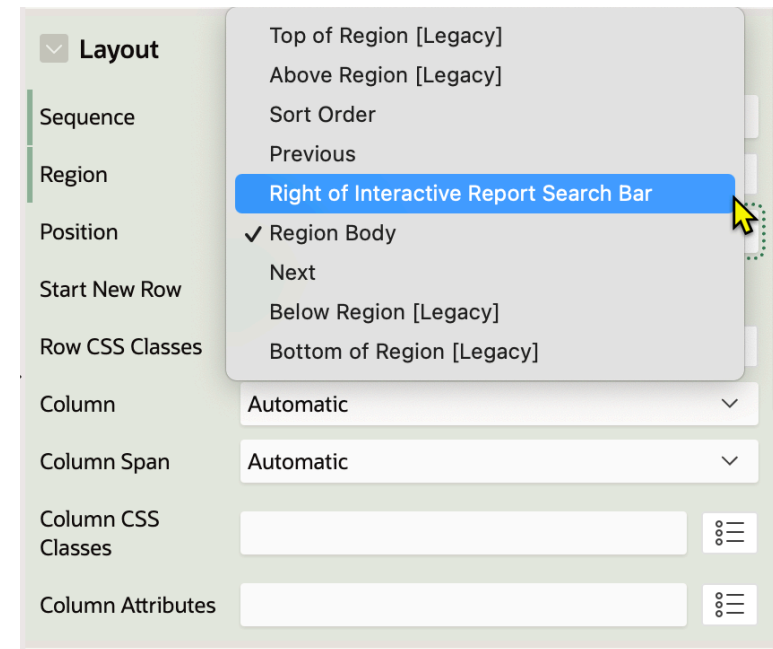
在 IR 中新增按鈕的設定

1. 右鍵點選 IR 區域，選擇 Create Button.



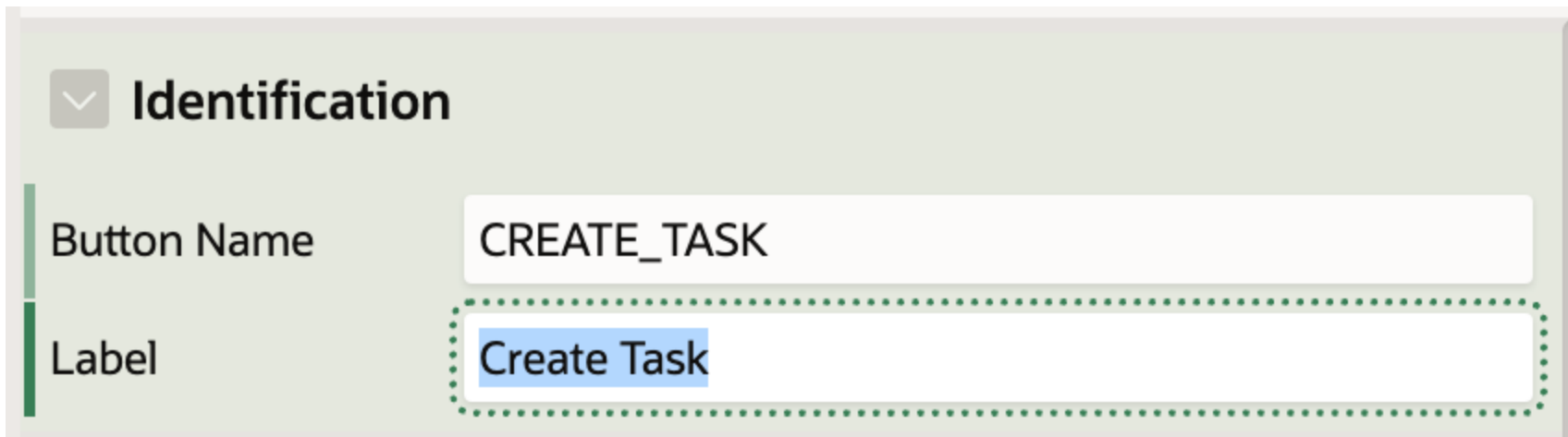
2. 修改 Button 的位置。

- 在 Layout 屬性區段，設定 Position 屬性為 Right of Interactive Report Search Bar



3. 設定 Button 的 Name 及 Label

- Button Name 通常使用全大寫字母命名成一個字，例如: `CREATE_TASK`



The screenshot shows a form with a section titled "Identification" indicated by a dropdown arrow. Below this section, there are two input fields. The first field is labeled "Button Name" and contains the text "CREATE_TASK". The second field is labeled "Label" and contains the text "Create Task". The "Label" field is highlighted with a blue background and a green dotted border.

Identification	
Button Name	CREATE_TASK
Label	Create Task

4. 設定 Button 的行為，改成轉跳頁面

- Action: Redirect to Page in this Application
- Target: 目標頁面及要帶入目的頁面欄位的的一個或多個引數

Behavior

Action 1 Redirect to Page in this Application

Target 2 No Link Defined

Warn on Unsaved Changes Do Not Check

Database Action - Select -

Requires Confirmation ☐

4 Case Study

Case Study: EMP 表格的 Search Then Edit/Create 樣態 (連結報表與表單)