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Improve Links

Introduction

In this lab, you will learn how to modify the URL so that it can be used to display the content listed in a new window.

Estimated Time: 5 minutes

Objectives

- Improve the Projects List of Values
- Update the Links section of your application

What Do You Need?

- An Oracle Cloud paid account, a LiveLabs account or free trial.
- An APEX Workspace and application

Collapse All Tasks

— Task 1: Adding Columns to the Report.

In a similar fashion to how you modified the To Dos report, you need to update the Links report to include the Project and Milestone columns.

- From the runtime application, navigate to the Links report page, and then navigate to Page Designer.

In the Developer Toolbar click **Edit Page11**.

Task	URL	Name	Description
Cloud Computing Bootcamp	aaf.groissiat.gov	Purchasing Workflow	Massa pharetra, id mattis risus rhoncus.Cras vulputate porttitor ligula. Nam semper diam suscipit elementum sodales. Proin sit amet massa eu lorem commodo ullamcorper interdum et malesuada fames ac ante ipsum primis in faucibus. Ut id nulla ac sapien suscipit tristique ac volutpat risus.Phasellus vitae ligula commodo, dictum enim in tincidunt. Imperdiet ex. Etiam cursus porttitor tincidunt. Vestibulum ante ipsum primis in faucibus et ultrices posuere cubilia Curia. Proin vulputate placerat pellentesque. Proin viverra lacus lectus, quis consectetur mi venenatis nec. Donec convallis sollicitudin elementum. Nulla facilisi. In posuere blandit leetegit malesuada. Vivamus efficitur ipsum.
Cloud transition	aad.elrio.com	Machine Learning Prototype	Luctus et ultrices posuere cubilia Curia. Proin vulputate placerat pellentesque. Proin viverra lacus lectus, quis consectetur mi venenatis nec. Donec convallis sollicitudin elementum. Nulla facilisi. In posuere blandit leetegit malesuada. Vivamus efficitur ipsum tellus, quis posuere mi maximus vite. Quisque tortor odio, feugiat eget arcu, in vestibulum tellus. In sollicitudin nisi, pharetra gravida ex semper ut. Donec nibh sapien hendrerit quis varius.
Course System	aad.huntingdon.com	New Feature Verification	Commodo, dictum lorem sit amet, imperdiet ex. Etiam cursus porttitor tincidunt. Vestibulum ante ipsum primis in faucibus et ultrices posuere cubilia Curia. Proin vulputate placerat pellentesque. Proin viverra lacus lectus, quis consectetur mi venenatis nec. Donec convallis sollicitudin elementum. Nulla facilisi. In posuere blandit leetegit malesuada. Vivamus efficitur ipsum tellus, quis posuere mi maximus vite. Quisque tortor odio, feugiat eget arcu, in vestibulum tellus. In sollicitudin nisi, pharetra gravida ex semper ut. Donec nibh sapien hendrerit quis varius.
Data Compression Cost Savings	aad.lamentredo.com	Artificial Intelligence Algorithm	Ac velutinae nisl. Phasellus vitae ligula commodo, dictum lorem sit amet, imperdiet ex. Etiam cursus porttitor tincidunt. Vestibulum ante ipsum primis in faucibus et ultrices posuere cubilia Curia. Proin vulputate placerat pellentesque. Proin viverra lacus lectus, quis consectetur mi venenatis nec. Donec convallis sollicitudin elementum. Nulla facilisi. In posuere blandit leetegit malesuada. Vivamus efficitur ipsum tellus, quis posuere mi maximus vite. Quisque tortor odio, feugiat eget arcu, in vestibulum tellus. In sollicitudin nisi, pharetra gravida ex semper ut. Donec nibh sapien hendrerit quis varius.
Fortify Sprint AI	aag.bangor.gov	Technical Automation	Proin sit amet massa eu lorem commodo ullamcorper interdum et malesuada fames ac ante ipsum primis in faucibus. Ut id nulla ac sapien suscipit tristique ac volutpat risus.Phasellus vitae ligula commodo, dictum lorem sit amet, imperdiet ex. Etiam cursus porttitor tincidunt. Vestibulum ante ipsum primis in faucibus et ultrices posuere cubilia Curia. Proin vulputate placerat pellentesque. Proin viverra lacus lectus, quis consectetur mi venenatis nec. Donec convallis sollicitudin elementum. Nulla facilisi. In posuere blandit leetegit malesuada. Vivamus efficitur ipsum tellus, quis posuere mi maximus vite. Quisque tortor odio, feugiat eget arcu, in vestibulum tellus. In sollicitudin nisi, pharetra gravida ex semper ut. Donec nibh sapien hendrerit quis varius.
GO Migration	aaf.groissiat.gov	Course	Commodo, dictum lorem sit amet, imperdiet ex. Etiam cursus porttitor tincidunt. Vestibulum ante ipsum primis in faucibus et ultrices posuere cubilia Curia. Proin vulputate placerat pellentesque. Proin viverra lacus lectus, quis consectetur mi venenatis nec. Donec convallis sollicitudin elementum. Nulla facilisi. In posuere blandit leetegit malesuada. Vivamus efficitur ipsum tellus, quis posuere mi maximus vite. Quisque tortor odio, feugiat eget arcu, in vestibulum tellus. In sollicitudin nisi, pharetra gravida ex semper ut. Donec nibh sapien hendrerit quis varius.

You should now be in Page Designer with **Page 11: Links** loaded.

- You need to update the query defined for Links.

Within Page Designer, in the Rendering tree (left pane), click **Links**.

In the Property Editor (right pane), for Source > Type, select **SQL Query**.

(Note: The SQL Query will be populated. The SQL statement selects all of the columns from the HOL_LINKS table.)

For Source > SQL Query, enter the following:

```
select ID,
```

```
  (select p.name
```

```
    from hol_projects p, hol_tasks t
```

```
  where p.id = t.project_id
```

```
  and t.id = l.task_id
) project,
```

```
(select m.name
```

```
  from hol_milestones m, hol_tasks t
```

```
  where m.id = t.milestone_id
```

```
  and t.id = l.task_id
) milestone,
```

```
TASK_ID,
```

```
ROW_VERSION,
```

```
URL,
```

```
NAME,
```

```
DESCRIPTION,
```

```
CREATED_BY,
```

```
UPDATED_BY,
```

```
UPDATED_BY
```

```
from HOL_LINKS l
```

Copy

3. The URL column within the report needs to be updated.

In Page Designer, in the Rendering tree (left pane), under the Links region, expand **Columns**.

In the list of columns, click **URL**. In the Property Editor (right pane), enter the following:

- Identification > Type - select **Link**
- Link > Target - click **No Link Defined**, and enter the following -
 - Target > Type - select **URL**
 - Target > URL - enter **#URL#**.

(Note: This will link to the value in the URL column.)

Click **OK**

- Link > Link Attributes - enter **target=_blank**

(Note: Click on Help (middle pane) to review examples.)

4. Time to review the page.

In the Page Designer toolbar, click **Save and Run**

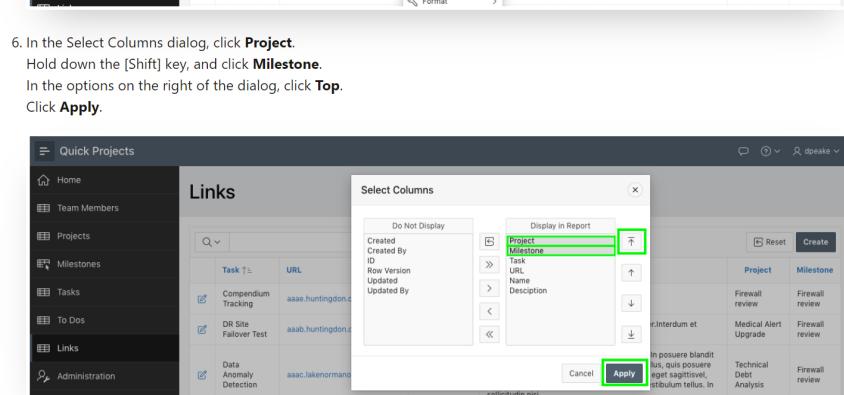
Task ID	URI	Name	Description	Project	Milestone
Compendium Tracking	aaae.huntingdon.com	Firewall review	Et malesuada fames ac ante ipsum.	Firewall review	Firewall review
DR Site Failover Test	aaab.huntingdon.com	Parallel Query Upgrade	Sit amet massa eu lorem commodo ullamcorper. Interdum et malesuada fames ac ante ipsum primis in.	Medical Alert Upgrade	Firewall review
Data Anomaly Detection	aaac.lakenormanocatawba.com	Dynamic Standardization	Convallis sollicitudin elementum. Nulla facilisi. In posuere blandit lectegit malesuada. Vivamus efficitur ipsum tellus, quis posuere mi velit id vitae. Quisque tortor odio, feugiat eget sagittis, pretium ut metus. Duis et commodo arcu, in vestibulum tellus. In sollicitudin nisi.	Technical Data Analysis	Firewall review

(Note: The URL column is now a link. Clicking on one of the links will bring up a new page, however, the URL is not properly formed as it is missing the hypertext transfer protocol (http or https), and the value is a fictitious site address.)

5. The new columns are placed as the last columns in the report, however, they should be moved to be the first columns.

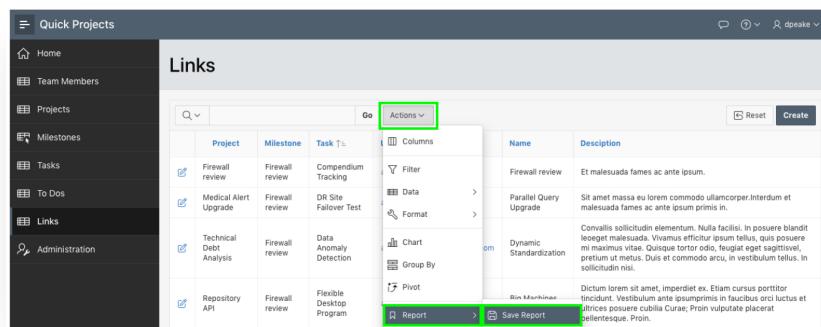
In the runtime environment, in the Links report menu, click **Actions**.

In the dropdown, select **Columns**.

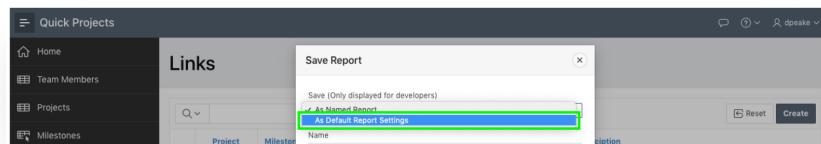


7. You need to save the revised report layout so others will see the new and improved column placement.

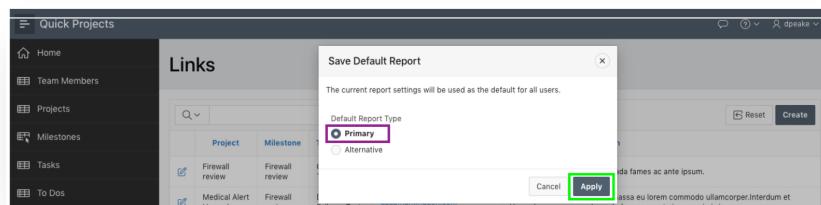
In the runtime environment, in the To Dos report menu, click **Actions**.
In the dropdown, select **Report**, and then click **Save Report**.



8. In the Save Report dialog, for Save (Only displayed for developers), select **As Default Report Settings**.



9. In the Save Default Report dialog, click **Apply**.

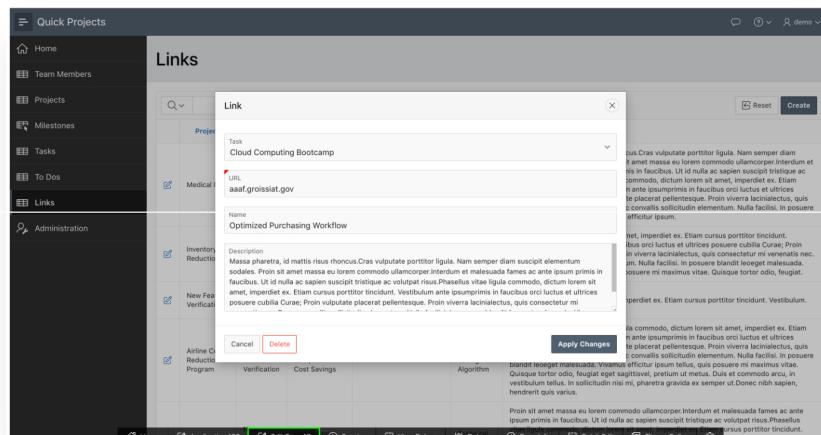


(Note: You want to save the report as Primary so that it displayed as you see it now to end users when they navigate to the page.)

— Task 2: Updating the Form Page.

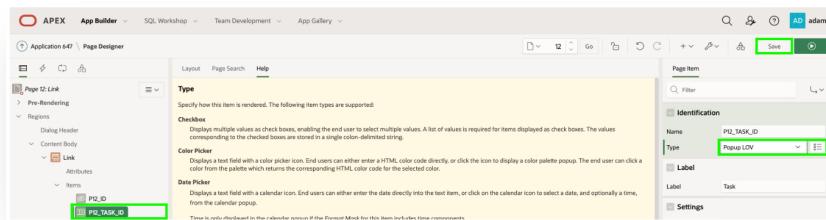
If you review the Links form page, by clicking an edit icon on the report, you will see that the Task item is not displaying the Project and Milestone. In the previous lab you updated the Tasks LOV to include the extra display columns. Therefore, all you need to do now is update the Task item to be a Popup LOV.

1. From the runtime environment, in the Developer Toolbar, click **Edit Page 12**.



2. Within Page Designer, in the Rendering tree (left pane), click **P12_TASK_ID**.
 In the Property Editor (right pane), for Identification > Type, select **Popup LOV**.

In the Page Designer toolbar, click **Save**.



3. Time to review the completed form page.

Navigate to the runtime environment tab or browser.

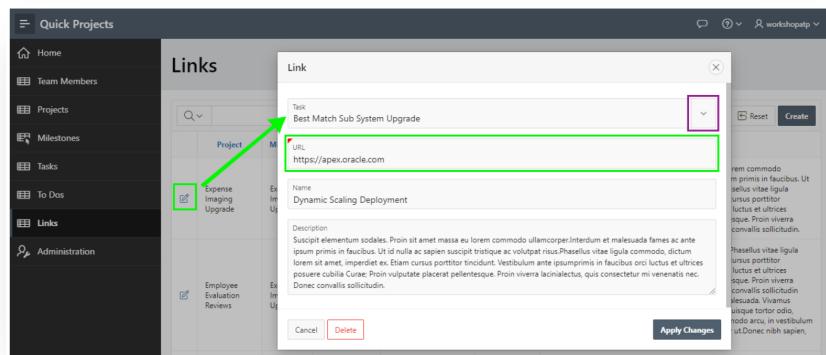
Navigate to **Links** and refresh the page.

Click the edit icon for a Link.

For Task, click the down arrow to display the Task Popup LOV.
 Enter in a search term and hit [Enter].

For URL, enter <https://apex.oracle.com>

Click **Apply Changes**.



On the Links report page, click the URL for the record you just updated.

It should bring up the main APEX site in a new browser tab or window.

— Summary

You now know how to change a URL value to be a link to a separate browser tab or window.

— Learn More - *Useful Links*

- APEX on Autonomous: <https://apex.oracle.com/autonomous>
- APEX Collateral: <https://apex.oracle.com>
- Tutorials: <https://apex.oracle.com/en/learn/tutorials>
- Community: <https://apex.oracle.com/community>
- External Site + Slack: <http://apex.world>

— Acknowledgments

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