# Exercise 3 - How to Populate Epic Links

In this exercise, you'll learn how to export epic links on an Xporter-generated file.

This is a Word template. Let's create the first page.

> ⓘ The layout of the page is going to be Landscape
>
> Go to -> Layout -> Orientation -> Landscape

If you want to display the header you must create the Header using a table with 6 columns and 1 row:

| Key | IssueType | Priority | Summary | Links | Epic Cases |
|-----|-----------|----------|---------|-------|------------|

Since all the table contents below the Header are dynamic, firstly we need to create a single row table to be the header, and below it add the **&{for issues...}** statement, so the Header is printed only one time.

With that done, you create another row table where the mappings will be populated:

| ${Key} | ${IssueTypeName} | ${Priority} | ${Summary} | **${Key} Linked issues and Epic**<br><br>#{if (%{'${LinksCount}'.equals('0')})}<br><br>Doesn't have Links<br><br>#{end}<br><br>**#{for a=LinksCount}**<br><br>#{if (%{'${Links[a].IssueTypeName}'.equals('Epic')})}<br><br>(Epic) - ${Links[a].Key}:${Links[a].Summary}<br><br>#{end}<br><br>#{if (%{!'${Links[a].IssueTypeName}'.equals('Epic')})}<br><br>(Link) - ${Links[a].Key}:${Links[a].Summary}<br><br>#{end}<br>#{end} | #{if (%{'${LinksCount}'.equals('0')})}<br><br>Doesn't have Links<br><br>#{end}<br><br>**#{for a=LinksCount}**<br><br>#{if (%{'${Links[a].IssueTypeName}'.equals('Epic')})}<br><br>(Epic) - ${Links[a].Key}:${Links[a].Summary}<br><br>**#{for i=JQLIssuesCount\|clause= "Epic Link" = ${Links[a].Key}}**<br><br>(Story) - ${JQLIssues[i].Key}:${JQLIssues[i].Summary}<br><br>#{end}<br><br>#{end}<br>#{end} |

Now close the statement using the mapping **&{end}**.

We are going to explain better the two columns(Links and Epic Cases) above.

The column Links

1. Insert a phrase with the Key of the issue (set up the Key of the color Red) and Linked issues and Epic
2. Put a statement to display a message if there aren't any links.
3. Put an iteration to iterate the **links**
4. Put a conditional block. If the current link is of type **epic**, the issue link is going to be displayed with Epic (set up the Epic of the color green) and Key and Summary.
5. Close the statement using **#{end}**
6. Put a conditional block. If the current link isn't **epic**, the issue link is going to be displayed with Link  (set up the Link of the color blue) and Key and Summary.
7. Close the statement using **#{end**}
8. Finally, close the iteration links using **#{end}**

The column Epic Cases

1. Put a statement to display a message if there aren't any links.
2. Put an iteration to iterate the **links**
3. Put a conditional block. If the current link is of type **epic**, the issue link is going to be displayed with Epic (set up the Epic of the color green) and Key and Summary.
4. Put an iteration with **JQLIssues**, it is going to iterate using a clause **"Epic Link" = ${Links[a].Key}**.
5. Print the issues of the current epic with Story (set up the Story of the color purple) and Key and Summary.
6. Close the statement using **#{end}**
7. Close the iteration JQLIssues using **#{end}**
8. Finally, close the links iteration using **#{end}**

Below there is a sample of how the mappings will be displayed in a Word template:

## Xporter Advanced Exercise 3

### How to iterate epic links

| Key | IssueType | Priority | Summary | Links | Epic Cases |
|---|---|---|---|---|---|
| &{for issues} | | | | | |
| ${Key} | ${IssueTypeName} | ${Priority} | ${Summary} | ${Key} Linked issues and Epic<br>#{if (%{'${LinksCount}'.equals('0')})}<br>Doesn't have Links<br>#{end}<br>#{for a=LinksCount}<br>#{if (%{'${Links[a].IssueTypeName}'.equals('Epic')})}<br>(Epic) - ${Links[a].Key}:${Links[a].Summary}<br>#{end}<br>#{if (%{!'${Links[a].IssueTypeName}'.equals('Epic')})}<br>(Link) - ${Links[a].Key}:${Links[a].Summary}<br>#{end}<br>#{end} | #{if (%{'${LinksCount}'.equals('0')})}<br>Doesn't have Links<br>#{end}<br>#{for a=LinksCount}<br>#{if (%{'${Links[a].IssueTypeName}'.equals('Epic')})}<br>(Epic)- ${Links[a].Key}:${Links[a].Summary}<br>#{for i=JQLIssuesCount\|clause= "Epic Link" = ${Links[a].Key}}<br>(Story) - ${JQLIssues[i].Key}:${JQLIssues[i].Summary}<br>#{end}<br>#{end}<br>#{end} |
| &{end} | | | | | |

Below there is a sample of how the generated file will be populated:

## Xporter Advanced Exercise 3

### How to iterate epic links

| Key | IssueType | Priority | Summary | Links | Epic Cases |
|---|---|---|---|---|---|
| ACD-13 | Story | Medium | Accusantium atque impedit accusantium dolores | ACD-13 Linked issues and Epic<br>(Epic) - ACD-10:Possimus deserunt non in sit eiusmod est irure officiis eos ut eum tenetur | (Epic)- ACD-10:Possimus deserunt non in sit eiusmod est irure officiis eos ut eum tenetur<br>(Story) - ACD-13:Accusantium atque impedit accusantium dolores |
| ACD-12 | Story | Medium | Enim aspernatur molestiae et culpa tempora alias voluptas fugiat | ACD-12 Linked issues and Epic<br>(Epic) - ACD-9:Quidem vel ex consequatur quidem nihil temporibus architecto ut proident sint ipsa | (Epic)- ACD-9:Quidem vel ex consequatur quidem nihil temporibus architecto ut proident sint ipsa<br>(Story) - ACD-12:Enim aspernatur molestiae et culpa tempora alias voluptas fugiat<br>(Story) - ACD-11:Autem magnam recusandae Dolore fuga Enim laudantium aut enim itaque |
| ACD-11 | Story | Medium | Autem magnam recusandae Dolore fuga Enim laudantium aut enim itaque | ACD-11 Linked issues and Epic<br>(Link) - ACD-5:Numquam Nam ratione voluptatibus asperiores ea harum quia ut debitis expedita aut facilis labore id iste minim<br>(Link) - ACD-4:Blanditiis ea nostrum quae modi aut quo et aut doloremque aspernatur pariatur<br>(Epic) - ACD-9:Quidem vel ex consequatur quidem nihil temporibus architecto ut proident sint ipsa | (Epic)- ACD-9:Quidem vel ex consequatur quidem nihil temporibus architecto ut proident sint ipsa<br>(Story) - ACD-12:Enim aspernatur molestiae et culpa tempora alias voluptas fugiat<br>(Story) - ACD-11:Autem magnam recusandae Dolore fuga Enim laudantium aut enim itaque |

ⓘ If you like this exercise, please share your opinion on the page by just leaving a comment or a 👍. Your opinion is very important to us.

Thank you in advance.

Enjoy our product. 🙂

Here's the **Exercise 3** related files:

| File | Description |
| --- | --- |
| Exercise3Template | **Exercise 3** Sample Template file |
| Exercise3Generated | **Exercise 3** Sample generated file |