

## Exercise 3 - How to Populate the JQL Queries

In this exercise, you'll learn how to export information from JQL Queries.

The syntax is similar to the other iterations, but there is a **clause** parameter that will receive the JQL Query.

**i** The **clause** is a query in JQL. For more details, check [here](#).

The **clause** can be copy/pasted from the JQL of Jira advanced search for issues. If the clause JQL is valid, it will be valid in the template.

The section between **#{for i=JQLIssuesCount|clause=<clause>}** and **#{end}** will grow dynamically according to the number of existing issues respecting the clause.

In order to begin iterating the JQLIssues with a clause, at the beginning of the iteration section of your template, put the mapping **#{for i=JQLIssuesCount|clause=project = ACADEMY}**, and at the end of that section, put the mapping **#{end}** to close it.

**i** On the example clause, we used **ACADEMY** because the name of our project is **ACADEMY**. Put the name of your project.

Also, you can use a placeholders on the **clause**(e.g. **#{for i=JQLIssuesCount|clause=project = \${ProjectKey}}** )

Since you're iterating, put **JQLIssues[i]**. at the beginning of the mapping of the JQLIssues Field you're trying to populate.

**i** Using the **JQLIssuesCount** mapping inside your iteration will return the count of issues that you have on the clause.

With the **JQLIssuesCount** iteration, you can populate the fields that you have on the issue. You can find the fields [here](#).

When using the **#{for i=JQLIssuesCount|clause=project = ACADEMY}** statement, use one variable name like **i**. If you want to use a different variable name, like **a**, start your iteration with the statement **#{for a=JQLIssuesCount|clause=project = ACADEMY}** and make sure to change it properly on the **JQLIssues[a]**. at the beginning of the mapping of the Issue Field you're trying to populate.

### Expand to see the sample code

```
#{for i=JQLIssuesCount|clause=project = ACADEMY }
  Key: ${JQLIssues[i].Key}
  Summary: ${JQLIssues[i].Summary}
#{end}
```

**i** When defining an iteration for multiple columns of an XLSX template, you need to merge a row of columns and define the **#{for i=JQLIssuesCount|clause=project = ACADEMY}** inside the merged cells. The same thing should be made to define the **#{end}** of the same iteration. All content between the **#{for i=JQLIssuesCount|clause=project = ACADEMY}** definition and the **#{end}** will be duplicated for each issue returned by the JQL clause.

For more details, please check our documentation [here](#).

Below is a sample of how the mappings will be displayed in an Excel template:

	A	B
1	How to populate the JQL Queries.	
2	Key	Summary
3	#{for i=JQLIssuesCount  clause=project = ACADEMY}	
4	\${JQLIssues[i].Key}	\${JQLIssues[i].Summary}
5	#{end}	
6		

This Template has:

- A static section iteration
- Headings
- Text styling

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

	A	B
1		<b>How to populate the JQL Queries.</b>
2	<b>Key</b>	<b>Summary</b>
3	ACD-5	Numquam Nam ratione voluptatibus asperiores ea harum quia ut debitis expedita aut facilis labore id iste minim
4	ACD-4	Blanditiis ea nostrum quae modi aut quo et aut doloremque aspernatur pariatur
5	ACD-3	Laborum Rerum non proident exercitationem veniam tempor dolor sit aliquip odio quam corrupti in assumenda
6	ACD-2	Pariatur Explicabo Consectetur et quos ratione fugiat porro dicta in iusto quasi dolore minim harum natus distinctio Quaerat
7	ACD-1	Aut quis autem facilis ea numquam animi neque nihil nobis facilis modi est minus do repellendus
8		



If you like this exercise, please leave a comment or a 👍. Your feedback is very important to us.

Thank you in advance.

Enjoy our product. 😊

Here are the files related to this **Exercise**:

File	Description
<a href="#">Exercise3Template</a>	<b>Exercise 3</b> Sample Template file
<a href="#">Exercise3Generated</a>	<b>Exercise 3</b> Sample generated file