Exercise 7 - How to Populate Details of Images

In this exercise, you'll learn how to export details of images.

We are going to use the notation that allows you to define which sections of the template will be populated for each issue, and which sections will be static:

&{for issues}

Use a Conditional Block **#{if...}** to indicate whether to iterate or not.

Put the mapping **${Key}** to indicate which issues are being populated.

If the issue doesn't have images, you can display a message instead.

```
#{if (%{'${ImagesCount}' == 0})}
Doesn't have Images.
#{end}
```

If the issue has images, you can set the message to display the number of images, along with the image Iteration.

```
#{if (%{'${ImagesCount}' > 0})}
There are ${ImagesCount} images.
```

In this case, you don't close the mapping **#{end}** because we are going to do an iteration before closing the conditional block.

Below it, put the **#{for images}** or **#{for <VariableName>=ImagesCount}** statement.

Put the mapping to display an image with max width and max height.

${Images[n].Image|maxwidth=100|maxheight=100}

> ⓘ   You can customize the maxwidth and the maxheight.

Now, create a table where the details of the image will be populated:

Name	${Images[n].Name}
HumanReadableSize	${Images[n].HumanReadableSize}
CreatedDateTime	${dateformat("dd-MM-yyyy HH:mm:ss")Images[n].Created}
MimeType	${Images[n].MimeType}

> ⓘ   For a list of fields to be populated when iterating images, check here.

Finally, close the two statements using the mapping **#{end}**.

You can also put a conditional block to print only the image that you want. We are going to do an iteration again of **#{for images}** or **#{for <VariableName>=ImagesCount}** statement.

Below it, use a conditional block:

#{if (%{"${Images[n].Name}".equals("xporter.png")})}

> ⓘ   With the conditional block count that you have defined above, enter if the conditional block is true.
>
>   In this example, we attached an image named **xporter.png.** Don't forget to attach images to your issue.

We are going to put the mapping to display an image with maxwidth and maxheight, so the mapping is **${Images[n].Image|maxwidth=100|maxheight=100}**

Close the two statement using the mapping **#{end}**.

Finally, close the **&{for issues}** that you opened at the beginning, using the mapping **&{end}**.

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

Xporter Intermediate Exercise 7

XPORTER

How to populate details of images

&{for issues}

Key: ${Key}

#{if (%{'${ImagesCount}' == 0})}
Doesn't have Images.
#{end}
#{if (%{'${ImagesCount}' > 0})}
There are ${ImagesCount} images.
#{for images}

${Images[n].Image|maxwidth=100|maxheight=100}

Name	${Images[n].Name}
Human Readable Size	${Images[n].HumanReadableSize}
Created date time	${dateformat("dd-MM-yyyy HH:mm:ss"):Images[n].Created}
MimeType	${Images[n].MimeType}

#{end}
#{end}

#{for images}
#{if (%{"${Images[n].Name}".equals("jira-logo.png")})}
You can put a conditional block to print only the image that you want.

${Images[n].Image|maxwidth=100|maxheight=100}

#{end}
#{end}
&{end}

This Template has:

- A header with an image
- Headings
- Text styling
- Table

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

How to populate details of images

Key: XA-5

There are 2 images.

Name	jira-logo.png
Human Readable Size	15.4 kB
Created date time	09-12-2019 10:14:23
MimeType	image/png

Name	sunrise-sea01.jpg
Human Readable Size	650 kB
Created date time	06-12-2019 13:52:56
MimeType	image/jpeg

You can put a conditional block to print only the image that you want.

Key: XA-3

Doesn't have Images.

Congratulations! You passed the Intermediate level 🙂 Proceed to the next level.

> ⓘ 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
Exercise 7 - Template	**Exercise 7 -** Sample Template file
Exercise 7 - Generated	**Exercise 7 -** Sample generated file