

Exercise 1 - How to Populate the Comments from an Issue

The main goal of this exercise is to give you an idea about how Xporter works with iterations.

You'll learn how to populate the Issue Comments on an Xporter-generated file. The mappings in use are documented [here](#).

The section between **#{for comments}** and **#{end}** will grow dynamically according to the number of existing Comments on the Issue. In order to start iterating over Issue Comments, put the mapping **#{for comments}** at the beginning of the iteration section of your template, and at the end, put the mapping **#{end}** to close it.

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

When using the **#{for comments}** statement, the variable name will always be **n**. If you want to use a different variable name, like **a**, you must start your iteration instead with the statement **#{for a=CommentsCount}** and must make sure to change it properly on the **Comments[a]**, at the beginning of the mapping of the Comment Field you're trying to populate.

```
#{for comments}
  ${Comments[n].Author}
  ${Comments[n].AuthorFullName}
  ${Comments[n].Body}
  ${Comments[n].Created}
  ${Comments[n].GroupLevel}
#{end}

#{for <VariableName>=CommentsCount}
  ${Comments[VariableName].Author}
  ${Comments[VariableName].AuthorFullName}
  ${Comments[VariableName].Body}
  ${Comments[VariableName].Created}
  ${Comments[VariableName].GroupLevel}
#{end}
```

If you want to display your Comments Iteration as a Table with a Header, first create the Header using a table with 6 columns and 1 row:


Author	Author Full Name	Body	Created date	Created date time	Group Level
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Below it, put the **#{for comments}** or **#{for <VariableName>=CommentsCount}** statement, so the Header is printed only once.

Then, create another table where the Issue Comments will be populated:

\${Comments[n].Author}	\${Comments[n].AuthorFullName}	\${Comments[n].Body}	\${dateformat("dd-MM-yyyy"):Comments[n].Created}	\${dateformat("dd-MM-yyyy HH:mm:ss"):Comments[n].Created}	\${Comments[n].GroupLevel}
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Finally, close the statement using the mapping **#{end}**.

 You can do this on other types of Iterations. For more details, please refer to the documentation [here](#).

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

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How to populate the Comments of your issue

```
#{for comments}
Author: ${Comments[n].Author}
Author Full Name: ${Comments[n].AuthorFullName}
Body: ${Comments[n].Body}
Created date: ${dateformat("dd-MM-yyyy"):Comments[n].Created}
Created date time: ${dateformat("dd-MM-yyyy HH:mm:ss"):Comments[n].Created}
Group Level: ${Comments[n].GroupLevel}
#{end}
```

Or you can customize the iteration with a header.

Author	Author Full Name	Body	Created date	Created date time	Group Level
#{for a=CommentsCount}					
\${Comments[a].Author}	\${Comments[a].AuthorFullName}	\${Comments[a].Body}	\${dateformat("dd-MM-yyyy"):Comments[a].Created}	\${dateformat("dd-MM-yyyy HH:mm:ss"):Comments[a].Created}	\${Comments[a].GroupLevel}
#{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:

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How to populate the Comments of your issue

Author: 5d640fb82bab8a0c0a083a22
Author Full Name: Rafael Videira Morais
Body: When will this feature be ready?
Created date: 05-12-2019
Created date time: 05-12-2019 15:29:09
Group Level: Administrators
Author: 557058:93900f6d-a4fc-48ab-bcba-b6fbe5c991cf
Author Full Name: Mário Jorge Viana Ferreira
Body: We are planning to release a new version tomorrow.
Created date: 05-12-2019
Created date time: 05-12-2019 15:31:29
Group Level: Administrators
Author: 5d640fb82bab8a0c0a083a22
Author Full Name: Rafael Videira Morais
Body: Glad to ear that. I'll wait a little bit longer. Thank you!
Created date: 05-12-2019
Created date time: 05-12-2019 15:42:06
Group Level:

Or you can customize the iteration with a header.

Author	Author Full Name	Body	Created date	Created date time	Group Level
5d640fb82bab8a0c0a083a22	Rafael Videira Morais	When will this feature be ready?	05-12-2019	05-12-2019 15:29:09	Administrators
557058:93900f6d-a4fc-48ab-bcba-b6fbe5c991cf	Mário Jorge Viana Ferreira	We are planning to release a new version tomorrow.	05-12-2019	05-12-2019 15:31:29	Administrators
5d640fb82bab8a0c0a083a22	Rafael Videira Morais	Glad to ear that. I'll wait a little bit longer. Thank you!	05-12-2019	05-12-2019 15:42:06	



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 1 - Template	Exercise 1 - Sample Template file

[Exercise 1 - Generated](#)

Exercise 1 - Sample generated file