Question

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Filling document templates - what's your approach?

Let's say I have a user-generated document template with placeholders and I want to replace them with actual values.
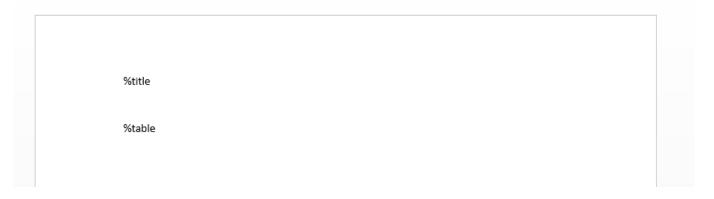
Values could be:

- scalars
- tables
- ...?

So far [I wrote a simple find/replace tool](#) that works with RTF format (because it's not a binary format), here's how it works:

```
set template = "D:\Cache\RTF\template.rtf"
set var("%title") = "Hello"
set var("%table") = $lb("Utils.RTF", "TestFunc")
set result = "D:\Cache\RTF\out.rtf"
set sc = ##class(Utils.RTF).replace(template, .var, result)
```

There should be two placeholders in RTF template: %title and %table and the are replaced with "Hello" and results of `Test` query from `Utils.RTF` class, serialized into a table.

Template:

Output:

Hello

ID	Name	ID
1	ed	1
2	bob	2
3		3
4		4

But I'm wondering if someone has already done something similar and can recommend a better approach?

What I'm most interested in is how do you work with preset tables, i.e. I have this template and need to produce the output above (instead of one `%table` template where I generate everything, part of the table is already present):

%title

ID	Name	ID
%q1c1	%q1c2	%q1c1

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