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Subject: `_cm_outputMulti()` - "parent-child-grandchild"  
Posted by [htManager](#) on Thu, 27 Jun 2024 08:26:20 GMT  
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Hi Tony,  
I want to generate a report with n child/grandchild occurrences on one page.

Like this:

```
parent
|
child
- grandchild
- grandchild
- ...
child
- grandchild
- grandchild
- ....
```

I generated such a report with child/grandchild records on their own page. The report has with e.g. 25 child occurrences now 25 pages... To build a report where these 25 child occurrences are on one page is my problem.

How can I do this? Is there a location where I can call `_cm_outputMulti()` n times? I have the child occurrences in `multi1` and the grandchild occurrences in `multi2`. I hope you understand what I mean. I have attached the report with the child occurrences on their own page.

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#### File Attachments

1) [schliessanlagen\\_ausgabe\\_schluessel\\_pro\\_kontakt.pdf](#),  
downloaded 214 times

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Subject: Re: `_cm_outputMulti()` - "parent-child-grandchild"  
Posted by [AJM](#) on Sun, 30 Jun 2024 10:57:25 GMT  
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If you look at the PDF documentation you will see a change I made in May 2019 which allows multiple iterations through the `_cm_output_Multi()` method. This means using the `_cm_output_Iterations()` method to create an array of primary keys in the `$iterations` variable. The `_cm_output_multi()` method will be called separately for each entry in the `$iterations` array.

I have produced a test set which reads `MNU_PATTERN` -> `MNU_TASK` -> `MNU_NAV_BUTTON`. All the scripts and sample PDF output are in the attached zip file.

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#### File Attachments

1) [pdf-test\\_iterations.zip](#), downloaded 205 times

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Subject: Re: \_cm\_outputMulti() - "parent-child-grandchild"

Posted by [htManager](#) on Tue, 02 Jul 2024 14:56:38 GMT

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Thank you very much for the sample files. As I see, I had problems with generating the correct \$iteration array in \_cm\_output\_iterations(). Now it works fine, just as I wanted.

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Subject: Re: \_cm\_outputMulti() - "parent-child-grandchild"

Posted by [AJM](#) on Wed, 03 Jul 2024 08:17:31 GMT

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Glad I could help.

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