

Issue 126902

Adjusting left and right page margins under 1" causes all information, text, etc to cram to one page
https://bz.apache.org/ooo/show_bug.cgi?id=126902

I have investigated the issue and next I have tried to provide comments to add value to the original report.

Clarification of the issue

- What is the problem?
 - Frames are overlapping in one page when margins are changed.
- **Summary:** Rewritten: changing margins in document with multiple frames causes overlapping frames in one page
- **Description:**
 - After some investigation I concluded that a more precise description could be provided.
 - The current description could be improved by adding the following NEW information:
 - One of the frame must be anchored to Page and another one to Paragraph.
 - Overlapping (frame or text) happens only if there is no explicit page-break before each paragraph (that is overlapping).
 - It is not necessary that both left and right margins to be less than 1" to reproduce the bug (one set to 0.39 is sufficient).
- Configuration
 - OpenOffice 4.1.2
 - Windows 10

Replication

- I was able to replicate the bug.
- I have used the same steps as:
 - **Test case 1** = JS from Comment 4: bug was replicated with his provided document.
 - **Test case 2** = Bruce May from Comment 9
 - **Test case 2.1.** = With his document: bug was replicated.
 - **Test case 2.2.** = Creating my own new document with 2 frames with the same properties (Frame-1 width 6.7", hight 3.37", anchor to page and Frame-2 width 6.80", hight 8.84", and anchor to paragraph) and a text between Frame 1 and Frame 2. I have attached the file My-new-created-document: bug was not replicated. (I get the same result as Bruce when using with my own created frames files)
 - **Test case 3** = malhabsi2013 from Comment 12
 - with the document from JR's Comment 3
 - Steps
 1. Open the example document provided by JC on comment 3 in OpenOffice.
 2. Click Margins and then select Narrow. Result: the second frame from the document moves to the first page and overlaps the first frame.
 3. Click Margins again and select Normal. Result: the second frame returns to its original location.
 4. Click Margins and then use for left 1.10" and for wright 0.20". The result is that we see the problem/frames overlapping.

Remark. The steps 1-2-3 are the same as the steps provided by JS. The step 4 is NEW executed in this replication sequence, at the suggestion of malhabsi2013 (one of the values for left or wright to be <0.2).

Remark – what is different. I have tried to look to validate the proposed values and I have found that (in my execution) the minimum value for left or right must be 0.39”.

- **What I did differently NEW, not previously investigated by others**

- **Test case 4** = I have considered the orchmid’s comment 8 referring to investigating the Wrap Settings

- **Steps**

1. Open the example document provided by JC on comment 3 in OpenOffice.
2. Click Margins and then select Narrow. Result: the second frame from the document moves to the first page and overlaps the first frame.
3. Click Margins again and select Normal. Result: the second frame returns to its original location.

Remark – what is different. The steps 1-2-3 are the same as the steps provided by JS. The next steps are NEW executed in this replication sequence.

4. Click right on Frame 1, select Frame, go to the Wrap tab and select from Section Settings the “None” option (from Parallel) and click Ok button.
5. Click right on Frame 2, select Frame, go to the Wrap tab and select from Section Settings the “None” option and click Ok button.
6. Now, executing again step 2. above (in this current replication sequence) but **the result is that we don’t see the problem/frames overlapping anymore.**
7. Now, executing again step 3. above (in this current replication sequence), **the result** is that the second frame returns to its original location.

Remark 1). The bug appears also if the selected Wrap type is one of the followings: Parallel, Through, After. No bug replication with success for None, Before and Optimal.

Remark 2). Thinking about the Wrap Settings and the meaning of it, executing steps 3 and 4 actually modified the user’s settings and this was not the right workaround. Reading on <https://wiki.openoffice.org/wiki/Documentation/UserGuide/Writer/Page> the Parallel option provided features to the user that she/he wants, and by changing it to None we have denied it the features.

- **Test case 5** = I have considered the orchmid’s comment 1 referring to the question: "Did you try making an explicit break between the two pages?"

- **Steps**

1. Open the example document provided by JC on comment 3 in OpenOffice.
2. Click Margins and then select Narrow. Result: the second frame from the document moves to the first page and overlaps the first frame.
3. Click Margins again and select Normal. Result: the second frame returns to its original location.

Remark – what is different. The steps 1-2-3 are the same as the steps provided by JS. The next steps are NEW executed in this replication sequence.

4. Click before the Frame 2, in the section with the text after Frame 1. Select from menu Insert/ManualBreak/ use at the Type the “Page break” option and click button Ok. This will result in inserting a page break before Frame 2.

5. Now, executing again step 2. Above (in this current replication sequence) but **the result is that we don't see the problem/frames overlapping anymore.**
 6. No, executing again step 3. above (in this current replication sequence), **the result** is that the second frame returns to its original location.
- I have **searched other bugs** related to frame overlapping with various key terms: frame, wrap, overlapping, margins but I haven't found any similar bugs.
 - I have **searched in the forum** of openoffice and found subjects related to "Frames overlap on automatic page-break".
 - <https://forum.openoffice.org/en/forum/viewtopic.php?f=7&t=31427>
 - The workaround was similar to the orchmid's comment 1, see steps 4 from above, when considering orchmid's comment 1.
 - I have **searched in the Internet** subjects related to "Frames overlapping" for other application similar to OpenOffice.
 - A very similar situation was found with the subject "Page overlap in Word 2007 Merge"
 - http://answers.microsoft.com/en-us/msoffice/forum/msoffice_word-mso_other/page-overlap-in-word-2007-merge/eab51a34-ce99-47fb-8f35-5dab621821df
 - The workaround was similar to the orchmid's comment 1, adding a page-break before some of the paragraph.
 - I have thinking about the importance of this bug, trying to externalize it. I have searched over the Internet and in the user guide documentation of OpenOffice regarding the use of frame(s). The main purpose of using them is to help various users creating:
 - Self publishing documents
 - Flyers
 - Newspapers.
- To generalize the bug some testers proposed to investigate from different perspectives:
- Modification of the limits for the margins (the minimum value needed to replicate the bug for either left or right)
 - Modification of the type wrap for Parallel, Through, After, meaning different path lead to the same failure, the overlapping of the frames.

Final remark. Considering Test case 4, Remark 2 and the result of searching in the forum of openoffice and the result of searching in the Internet, the research may be continued as a design issue.

- **The question to research is now:** when changing margins is it allowed to overlapping the content of page 2 with the content of page 1 (text/frame from second page on the first page)?
- Test cases performed to sustain the new research question are:
 - Test case 6 (frame 2 is small) – varying the first element in the second page
 - TC_6A: first element in page 2 is frame 2
 - **Result in:** overlapping information from page 2 on page 1.
 - TC_6B: first element in page 2 is a text, then the frame 2
 - **Result in:** overlapping information from page 2 on page 1.
 - Test case 7 (frame 2 is small) – varying the last element in the first page
 - TC_7A: last element in page 1 is empty space
 - **Result in:** overlapping information from page 2 on page 1.
 - TC_7B: last element in page 1 is a text.
 - **Result in:** overlapping information from page 2 on page 1.
 - Test case 8 (frame 2 is big) – varying the first element in the second page
 - TC_8A: first element in page 2 is frame 2
 - **Result in:** overlapping information from page 2 on page 1.
 - TC_8B: first element in page 2 is a text, then the frame 2

- **Result in:** overlapping information from page 2 on page 1.
 - Test case 9 (frame 2 is big) – varying the last element in the first page
 - TC_9A: last element in page 1 is empty space
 - **Result in:** no overlapping, but blank-page is inserted automatically
 - TC_9B: last element in page 1 is a text.
 - **Result in:** overlapping, but blank-page is inserted automatically
- The workaround is inserting a page-break at the beginning of page 2.
 - **The result** is that the text/frame from the second page will no longer be overlapping on page 1.
 - Test case 6 – inserting the page break at the beginning at page 2
 - TC_6A_C_workaround – **result** in no overlapping
 - TC_6B_C_workaround – **result** in no overlapping
 - Test case 7 – inserting the page break at the beginning at page 2
 - TC_7A_C_workaround – **result** in no overlapping
 - TC_7B_C_workaround – **result** in no overlapping
 - Test case 8 – inserting the page break at the beginning at page 2
 - TC_8A_C_workaround – **result** in no overlapping
 - TC_8B_C_workaround – **result** in no overlapping
 - Test case 9 – inserting the page break at the beginning at page 2
 - TC_9A_C_workaround – **result** in no overlapping (but not needed the workaround because the overlapping was not a result)
 - TC_9B_C_workaround – **result** in no overlapping
- **The result of the changing margins, that is overlapping the text/frame from a page to the previous page is a design issue. The workaround is to insert a blank-page before each paragraph.**

Follow-up tests - for guiding after fixing the design issue bug

- Test cases with other objects before the second frame:
 - Tables
 - Graphics
- Test case(s) for a document with more frames, to see if the behavior persists.
 - Large number of frames, as 56
 - Medium number of frames, Like 12
- Test cases for a new created document, not for an existing one.