Bug 161814 - **Single emoji not rendering when exporting to PDF, despite other identical emojis being used and rendering just fine in the same PDF**

Status: NEW	**Reported:** 2024-06-27 14:24 UTC by Krys
	Modified: 2024-06-28 12:34 UTC (History)
Alias: None	**CC List:** 2 users (show)
Product: LibreOffice	**See Also:** ~~104403~~
Component: graphics stack (show other bugs)	~~129523~~
Version: 24.2.4.2 release	
(earliest affected)	**Crash report or crash signature:**
Hardware: x86-64 (AMD64) Windows (All)	
Importance: medium normal	
Assignee: Not Assigned	
URL:	
Whiteboard:	
Keywords:	
Depends on:	
Blocks: PDF-Export	
Show dependency tree / graph	

Attachments		
ODT test file, no text (9.45 KB, application/vnd.oasis.opendocument.text)		Details
2024-06-27 15:15 UTC, Krys		
PDF result file, no text (8.12 KB, application/pdf)		Details
2024-06-27 15:16 UTC, Krys		
ODT test file, with text (10.16 KB, application/vnd.oasis.opendocument.text)		Details
2024-06-27 15:17 UTC, Krys		
PDF result file, with text (30.01 KB, application/pdf)		Details
2024-06-27 15:18 UTC, Krys		
ODT test file, with text before and after (10.85 KB, application/vnd.oasis.opendocument.text)		Details
2024-06-27 15:19 UTC, Krys		
PDF result file, with text before and after (30.03 KB, application/pdf)		Details
2024-06-27 15:21 UTC, Krys		
Add an attachment (proposed patch, testcase, etc.)	Show Obsolete (1) View All	

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┌─ Note ──────────────────────────────────────────────┐
│  You need to log in before you can comment on or make changes to this bug.  │
└─────────────────────────────────────────────────────┘
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Krys   2024-06-27 14:24:20 UTC   Description

Description:
Possibly an offshoot of this bug: ~~https://bugs.documentfoundation.org/show_bug.cgi?~~
~~id=129523~~

All emojis display correctly within the ODT file itself, and all emojis save one
are exporting and rendering correctly in the resulting PDF file. The emoji in
question is used multiple times throughout the file, and shows up correctly in both
files, but its first use simply shows a blank space in the PDF. Its presence is
registered, as when the text is highlighted, the space where the emoji should be is
also highlighted - the emoji itself just doesn't show up. The first usage of all
other emojis appear as they should, so whatever the cause, it may only be affecting
certain emojis.

The issue persists if all text is copied and pasted into a new document, and
regardless of how the PDF is viewed (browser, PDF viewer, etc). Using the EmojiOne
Color font or Safe Mode does not fix the issue. Functioning emojis identical to the
non-functioning emoji being copied and pasted into the line before deleting the
non-functioning emoji also does nothing, nor does applying any format change (i.e.
text size, line spacing, etc), or adding further text after the emoji.

Attempting to reproduce the issue with just the emoji itself results in all
instances of the emoji not appearing. Attempting to reproduce the issue with the
emoji and some text results in all but the first instance of the emoji appearing
correctly.

Steps to Reproduce:
1.Paste 'shrugging black woman' emoji into ODT document, with or without some text.
2.Export to PDF.
3.View PDF.

Actual Results:
The first instance of the 'shrugging black woman' emoji will be missing, if there
is additional text. If there is no additional text, none of the emojis appear.

Expected Results:
For all emojis to appear correctly.

Reproducible: Always

User Profile Reset: Yes

Additional Info:
I'm using LibreOffice 24.2.4.2 (though the problem was also in 7.6.7 - I switched
versions trying to solve the issue), on a Dell Inspiron 14 7435 2-in-1, with
Windows 11 Home edition (64 bit, version 23H2, OS build 22631.3296, Windows Feature
Experience Pack 1000.22687.1000.0). I can add further details on my set-up if
requested, I am just unsure of what information will be most helpful.

Krys   2024-06-27 14:34:03 UTC   Comment 1

Created ~~attachment 195008 [details]~~
Test ODTs and the resulting PDF exports

Screenshots of my attempts to reproduce the bug, successfully. ODT files on the
top, PDF exports on the bottom.

Krys   2024-06-27 15:15:50 UTC   Comment 2

Created attachment 195013 [details]
ODT test file, no text

First ODT test file, without text. PDF export result to follow.

Krys   2024-06-27 15:16:37 UTC   Comment 3

Created attachment 195014 [details]
PDF result file, no text

Resulting PDF export from first test ODT with no text

Krys   2024-06-27 15:17:45 UTC   Comment 4

Created attachment 195015 [details]
ODT test file, with text

Second ODT test file, with text. PDF export result to follow.

Krys   2024-06-27 15:18:16 UTC   Comment 5

Created attachment 195016 [details]
PDF result file, with text

Resulting PDF export from first test ODT with text

Krys   2024-06-27 15:19:15 UTC   Comment 6

Created attachment 195017 [details]
ODT test file, with text before and after

Third ODT test file, with text both before and after the affected emoji. PDF export
result to follow.

Krys   2024-06-27 15:21:45 UTC   Comment 7

Created attachment 195018 [details]
PDF result file, with text before and after

Resulting PDF export from third test ODT with text.

Krys   2024-06-27 15:23:08 UTC   Comment 8

(In reply to Krys from comment #5)
> Created attachment 195016 [details]
> PDF result file, with text
>
> Resulting PDF export from first test ODT with text

Correction: Resulting PDF export from SECOND test ODT with text.

Krys   2024-06-27 15:24:30 UTC   Comment 9

(In reply to Krys from comment #7)
> Created attachment 195018 [details]
> PDF result file, with text before and after
>
> Resulting PDF export from third test ODT with text.

Sigh...
Correction: Resulting PDF export from third test ODT with text before and after.

I wish I could edit my comments. :(

m_a_riosv   2024-06-28 01:47:49 UTC   Comment 10

Reproducible.
Version: 25.2.0.0.alpha0+ (X86_64) / LibreOffice Community
Build ID: 3c91fb758a429f51b89dfe9cea088691ced6d0c1
CPU threads: 16; OS: Windows 11 X86_64 (10.0 build 22631); UI render: Skia/Raster;
VCL: win
Locale: es-ES (es_ES); UI: en-US
Calc: CL threaded

V Stuart Foote   2024-06-28 12:34:20 UTC   Comment 11

This is not a "single" emoji.

The emoji is combined and with gender modifier and skin tone selector!

U+1F937 SHRUG
U+1F3FF EMOJI MODIFIER FITZPATRICK TYPE-6
U+2640 FEMALE SIGN
U+FE0F VARIATION SELECTOR-16

And as this is on Windows builds, the emoji was layered using the <⊞+.> Windows
Emoji keyboard/dialog picker.

However, it does render to Writer document canvas. But must be converted at each
zoom level (it disappears on zoom in or out, but then draws on subsequent visits to
that zoom level). Suspect that is related to what is happening on filter export to
PDF.

Where on print to PDF it is not represented on its first drawing, but does show on
subsequent renderings of the document.