

Inconsistencies Fixed in Writer

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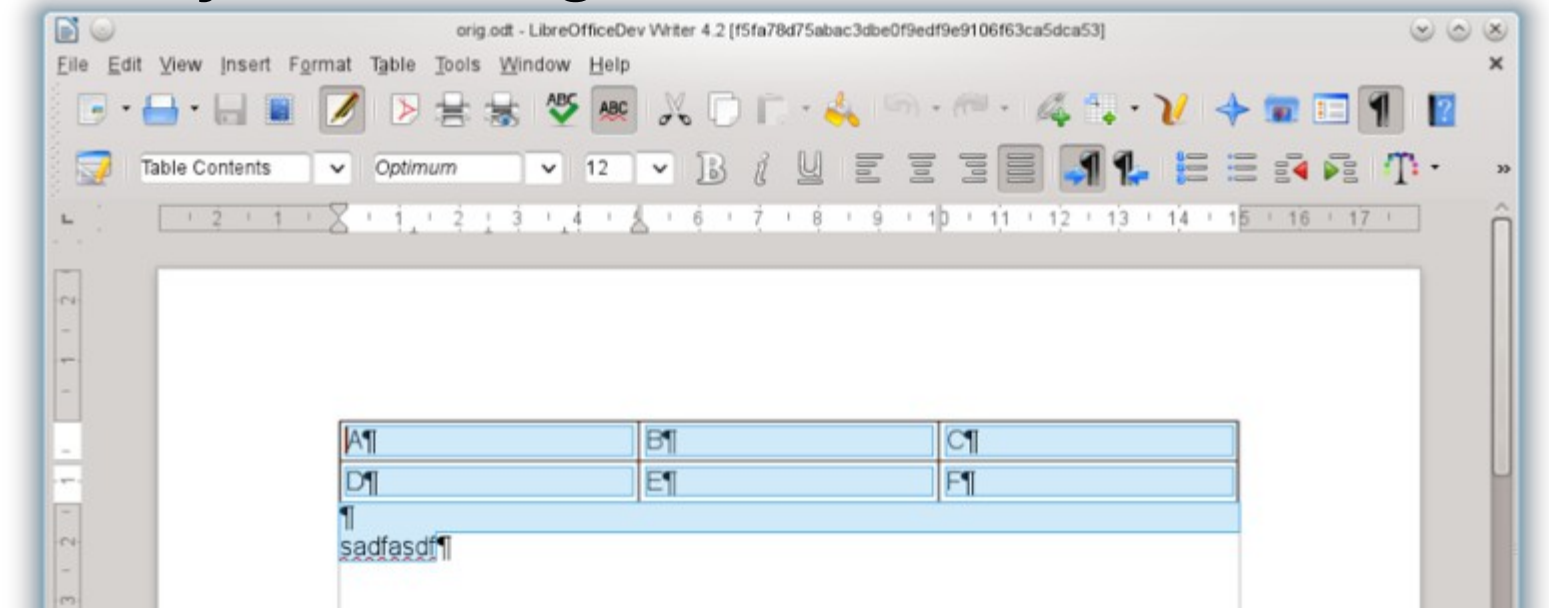
About Miklos

- From Hungary
 - More blurb: <http://vmiklos.hu/>
- Google Summer of Code 2010/2011
 - Rewrite of the Writer RTF import/export
- Writer developer since Feb 2012
- Contractor at Collabora since Sep 2013

Inconsistencies Fixed in 4.2

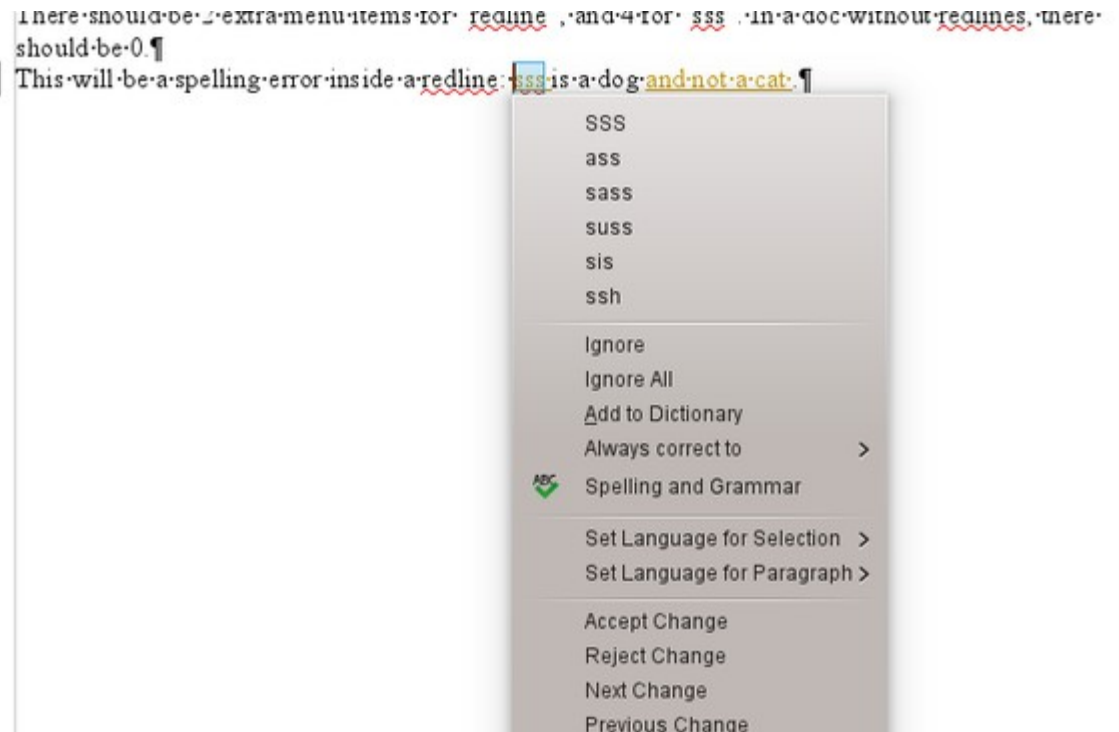
Select all vs. Tables

- Normal vs. table cursor
- Select all
- Fix by selecting the text of the table



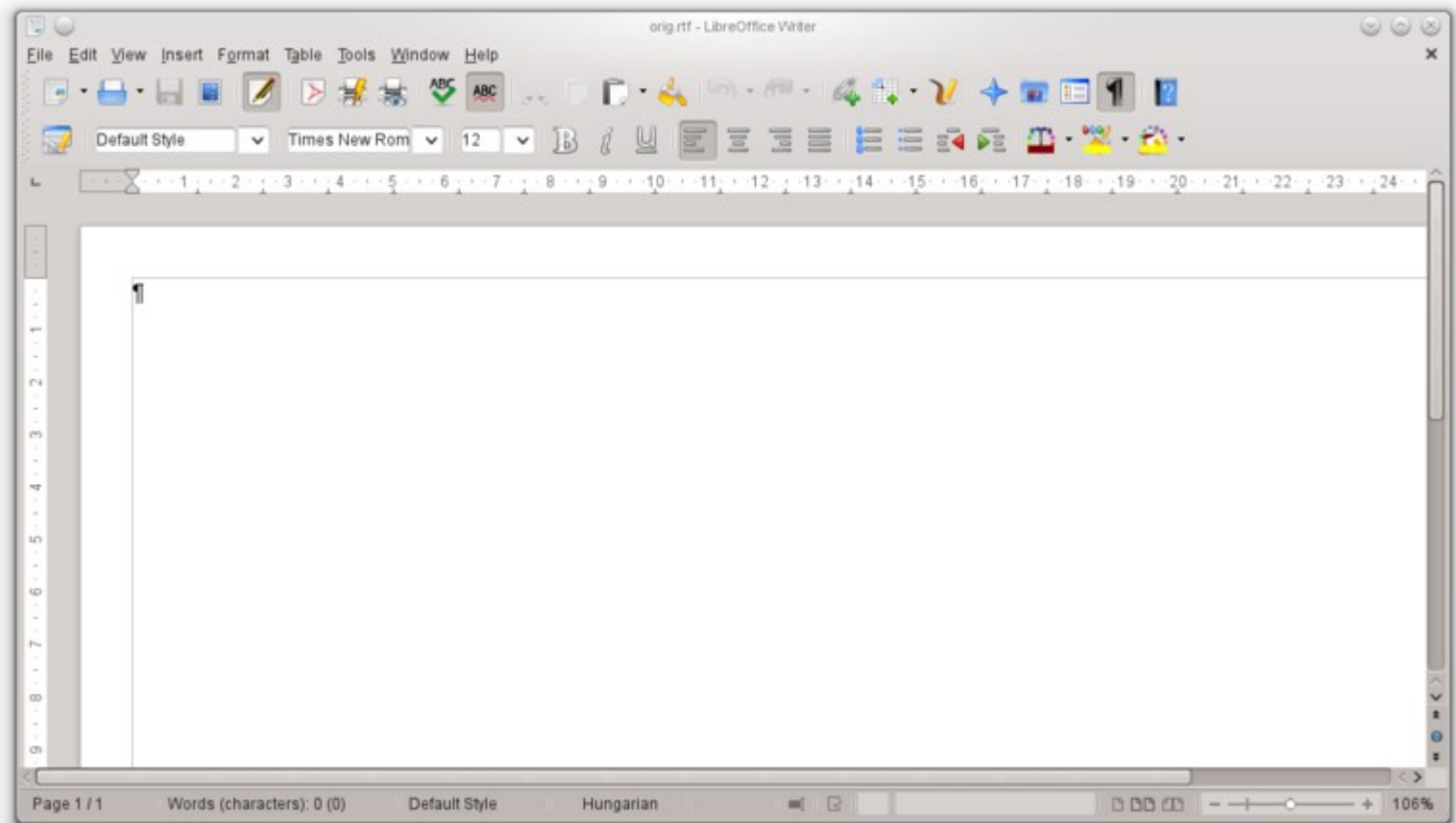
Spellcheck vs Redlining

- If have both: what popup to show?
- The spellcheck one was selected
- Now:
both



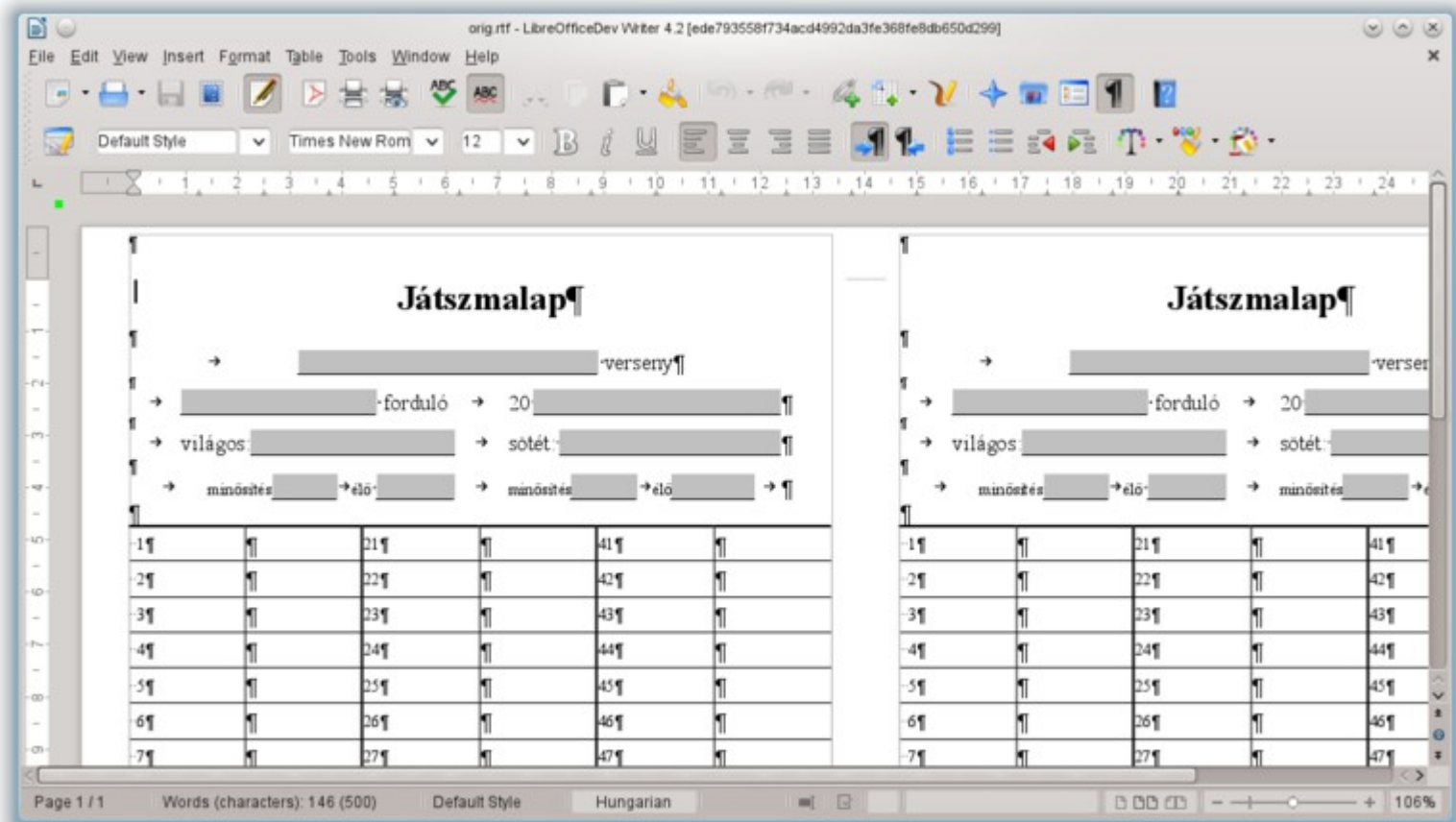
RTF import: group shapes

- Before:



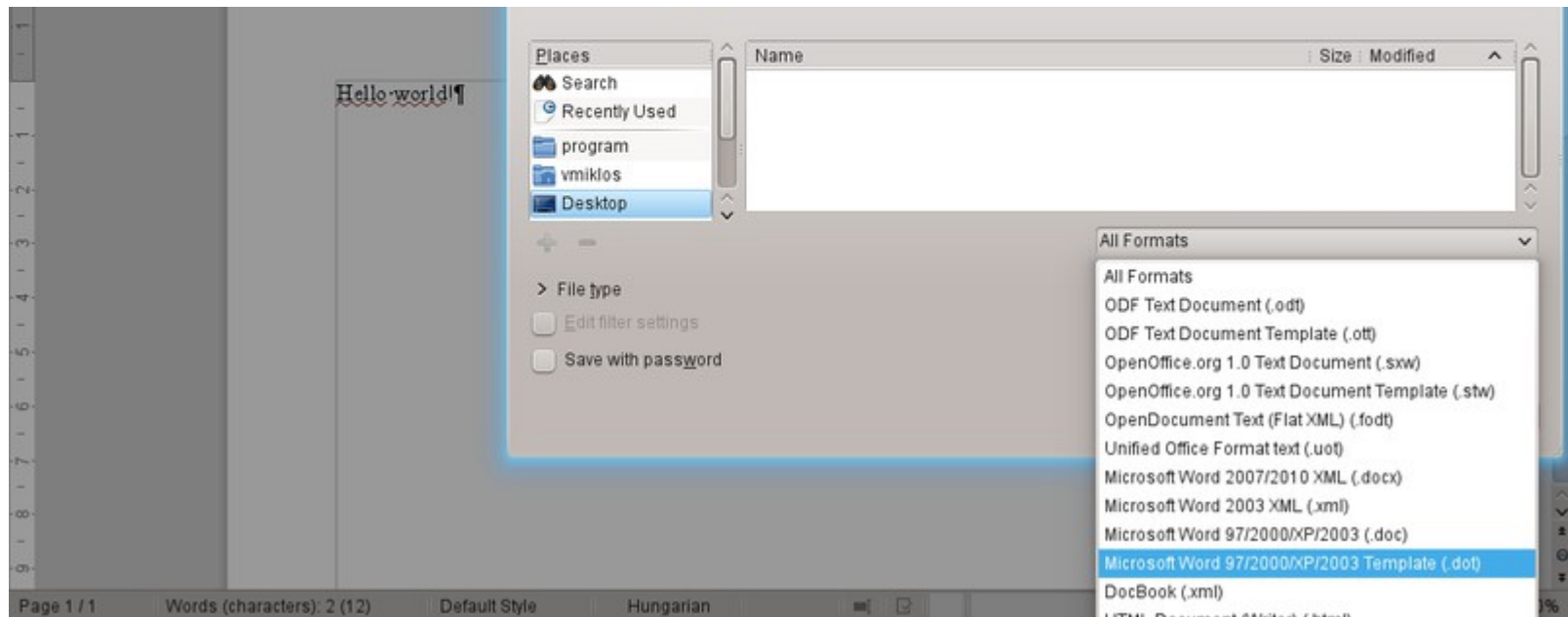
RTF import: group shapes


- After:

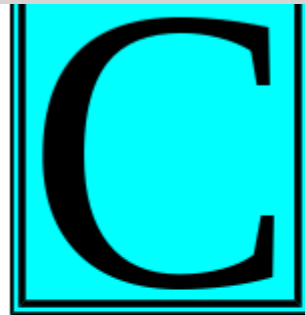


DOT export

- DOT: [MS-WORD] template
- Could only read, not write



- 
- A close-up portrait of a young man with light brown hair, looking directly at the camera with a slight smile. He is wearing a dark jacket over a light-colored shirt. The background is dark and out of focus.

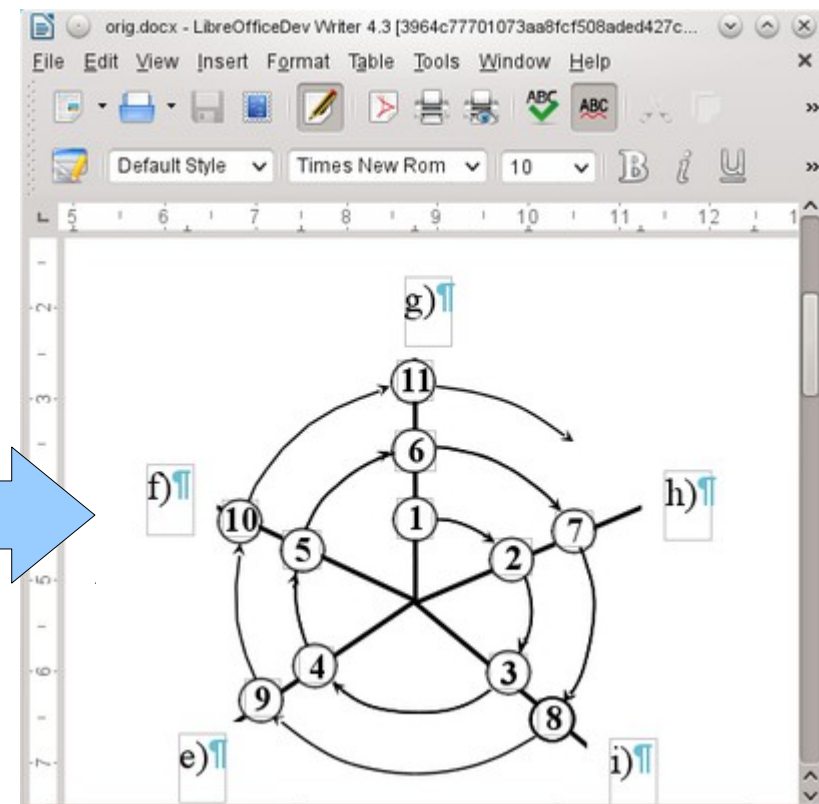
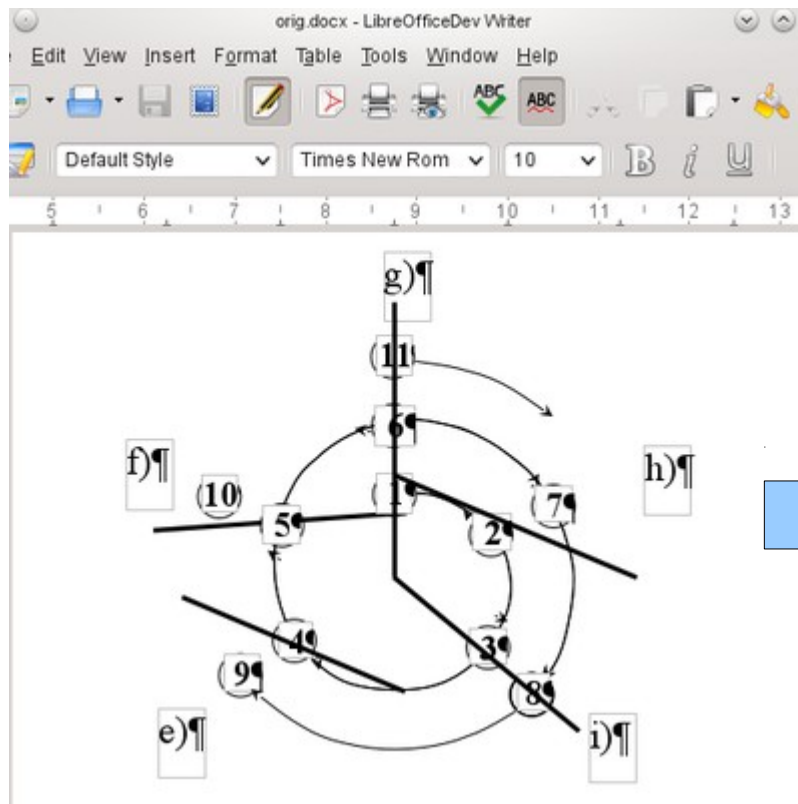


Character border: add border around selected text .

Inconsistencies Fixed in 4.3

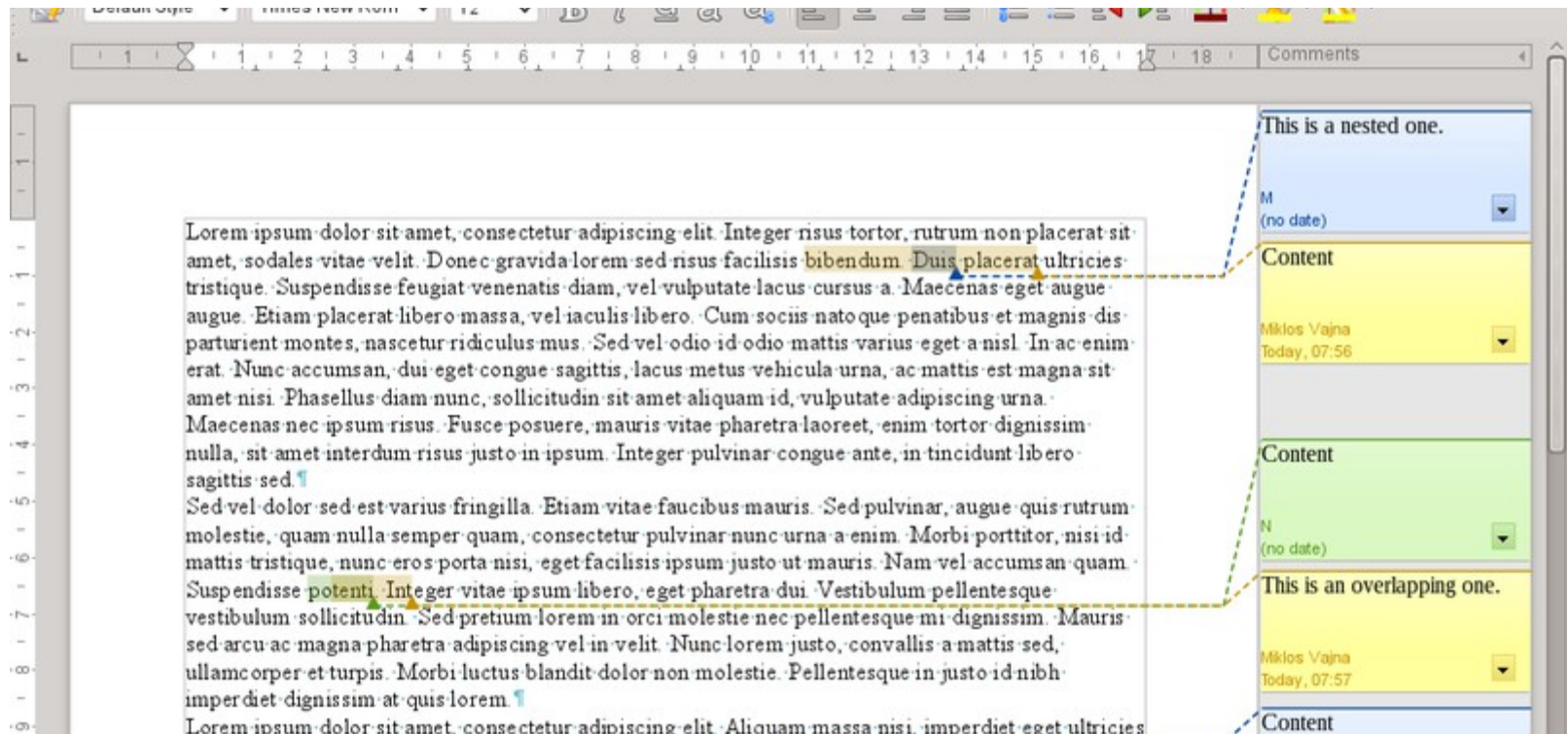
Writer drawingML import/export

- Getting rid of the VML fallback:



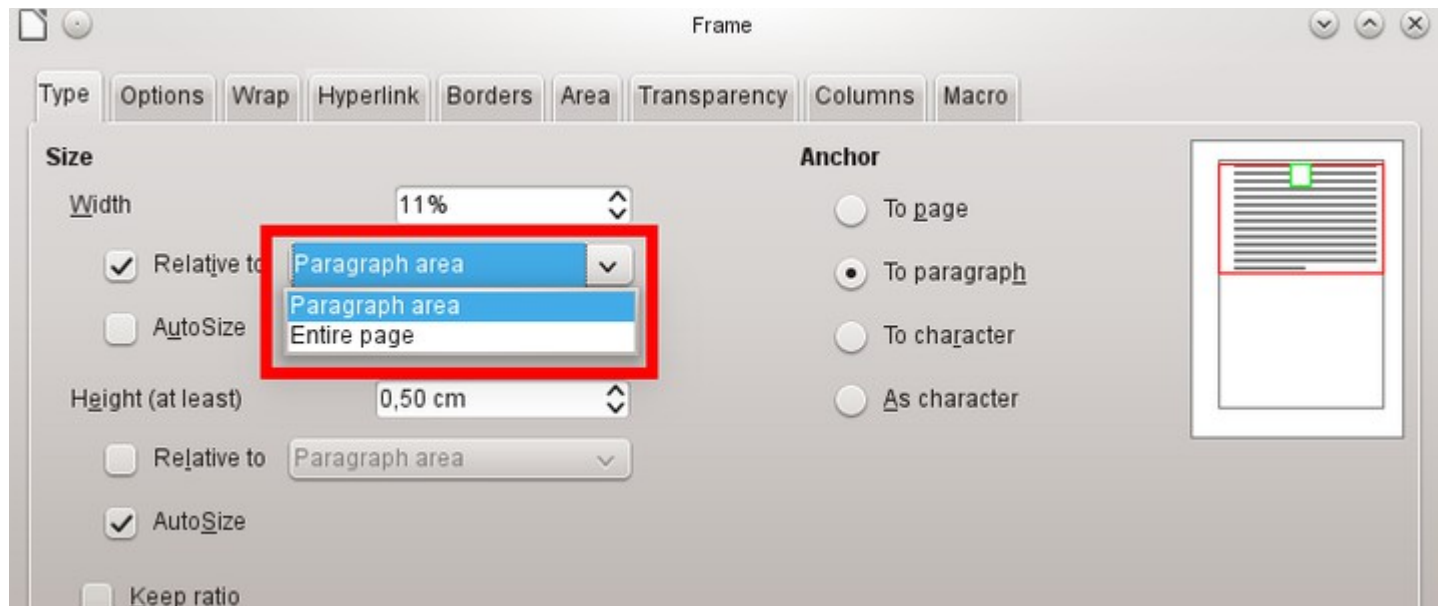
Nested comments

- Including all major (DOCX/DOC/RTF) filters:



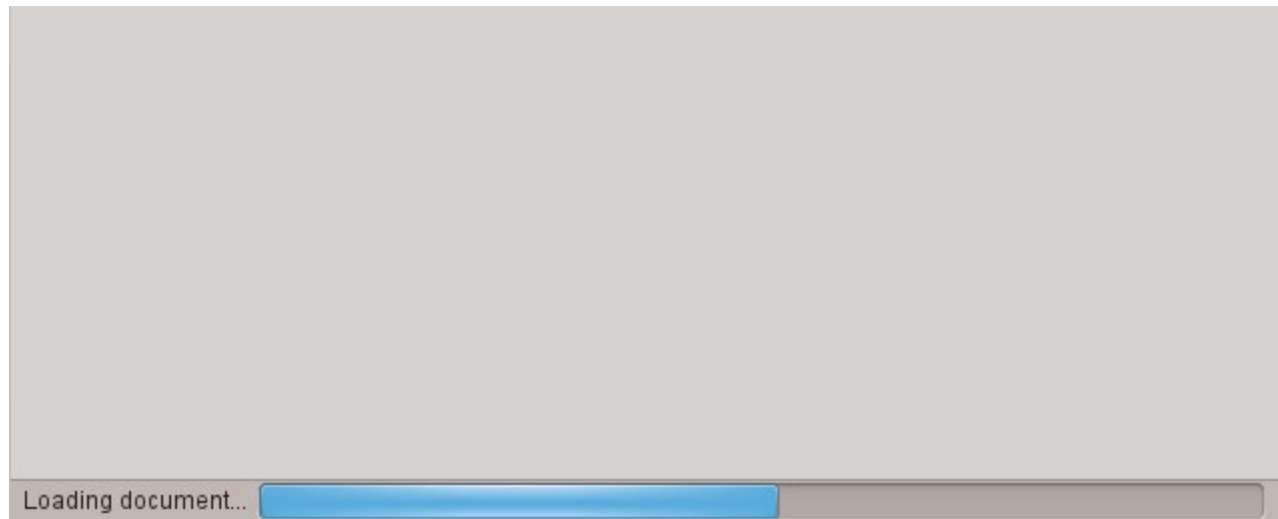
Relative TextFrame sizes: multiple relations

- Width is 11% – of what?
 - Paragraph area: without page margins
 - Entire page



Progress bar for all major import filters

- DOCX one was missing, now implemented:



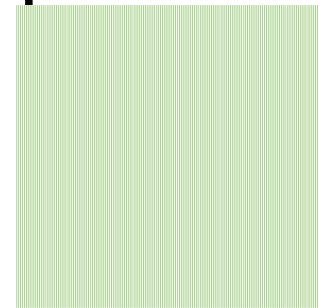
Strict OOXML

- Markus Mohrhard implemented XLSX / PPTX
- The DOCX part is my fault
- During import, now we support:
 - ECMA
 - OOXML Transitional
 - OOXML Strict
- No strict export yet – still needs implementing



OOXML pattern fill: dkVert

- There is no 1:1 OOXML ↔ ODF mapping for pattern fills
 - When area is not a solid color or gradient, etc.
- Import map not consistent with export one
- Now fixed: dkVert is not lost on roundtrip



Favorite: long paragraphs

- Thanks to Caolán McNamara for leading this effort
- tools String → gone now, 16bit length limit
- OUString everywhere
- Sounds interesting?
 - Editeng limit is still there



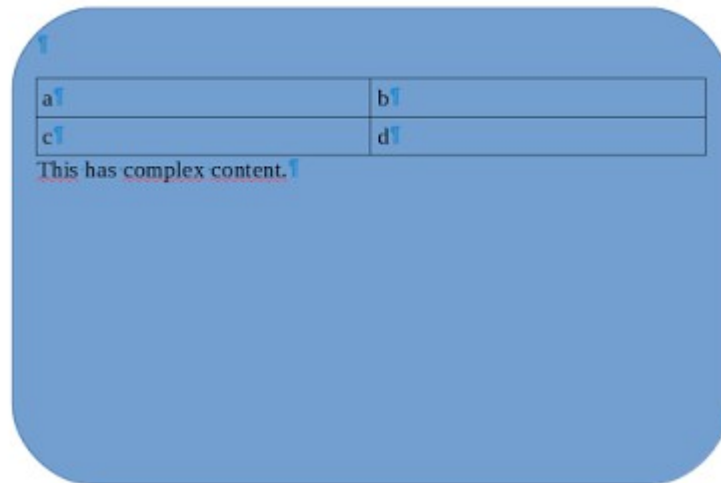
A single writer paragraph with more than 65535 characters.	para	Number of Paragraphs:	1
	para	Number of Words:	18144
	para	Number of Characters:	104328
	para	Number of Characters excluding spaces:	86184
	para	Number of Lines:	713
paragraph. A very long para			
paragraph. A very long para			
paragraph. A very long para			
paragraph. A very long para			

Update

Inconsistencies Fixed in 4.4

TextBox

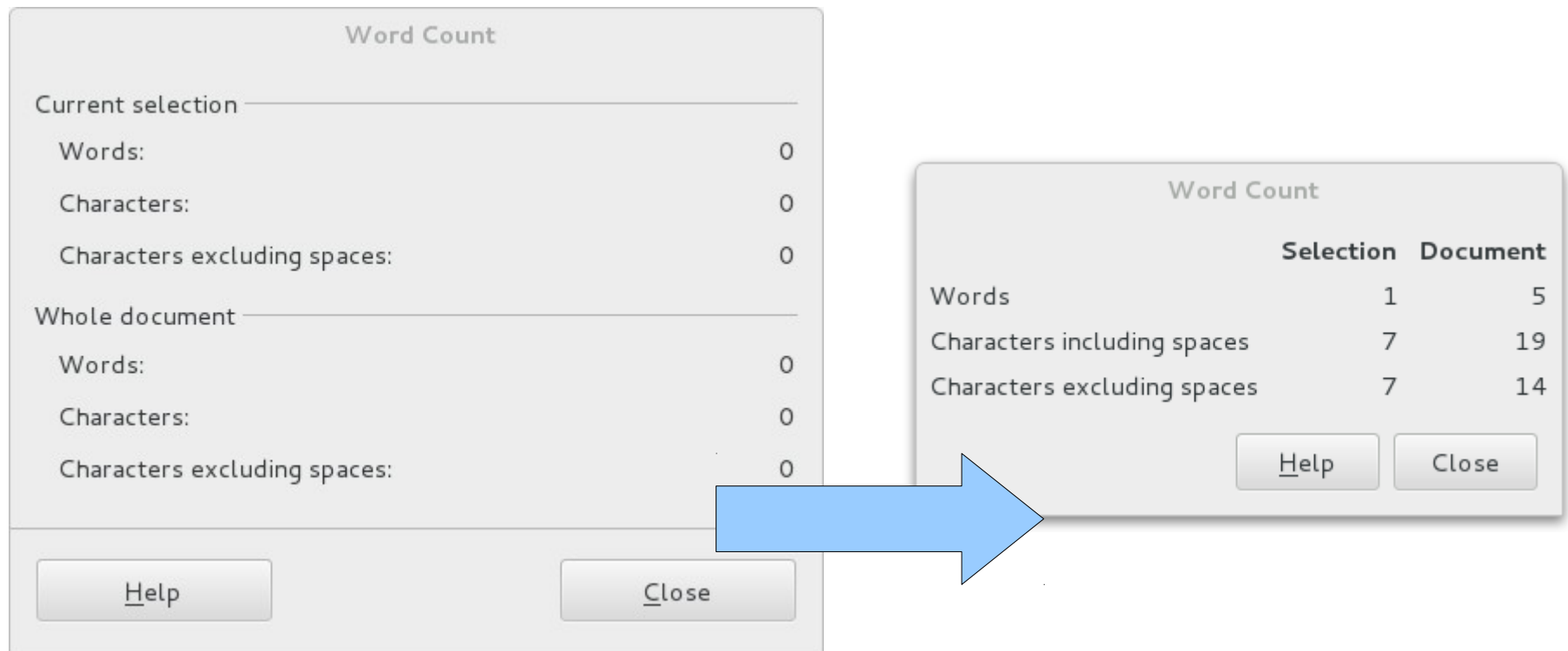
- Writer shapes can now have a TextBox:



- Full drawinglayer geometry
- Full Writer complex content

Favorite: .src → .ui

- Another effort lead by Caolán

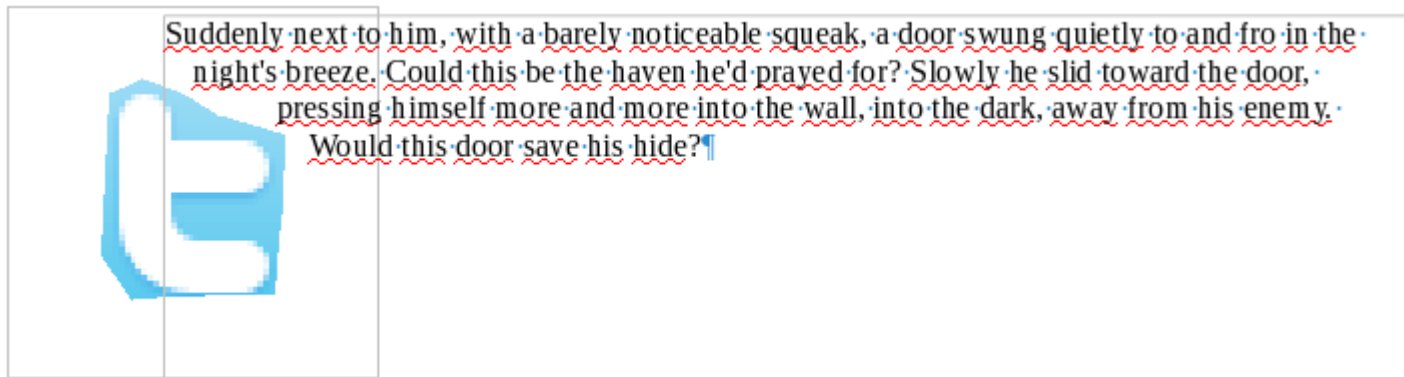


- Sounds interesting? There are still unconverted docking windows!

Recent filter features

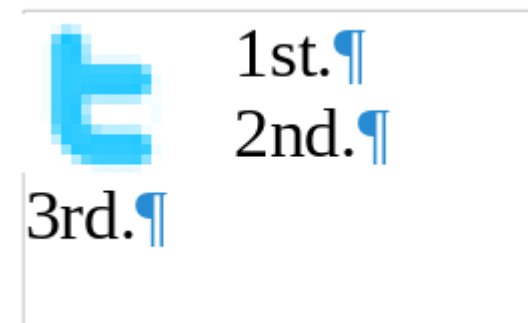
DOCX export: wrap polygon

- For Writer pictures
- Import was there for many releases
- Now export as well
 - Depends on the drawingML improvements



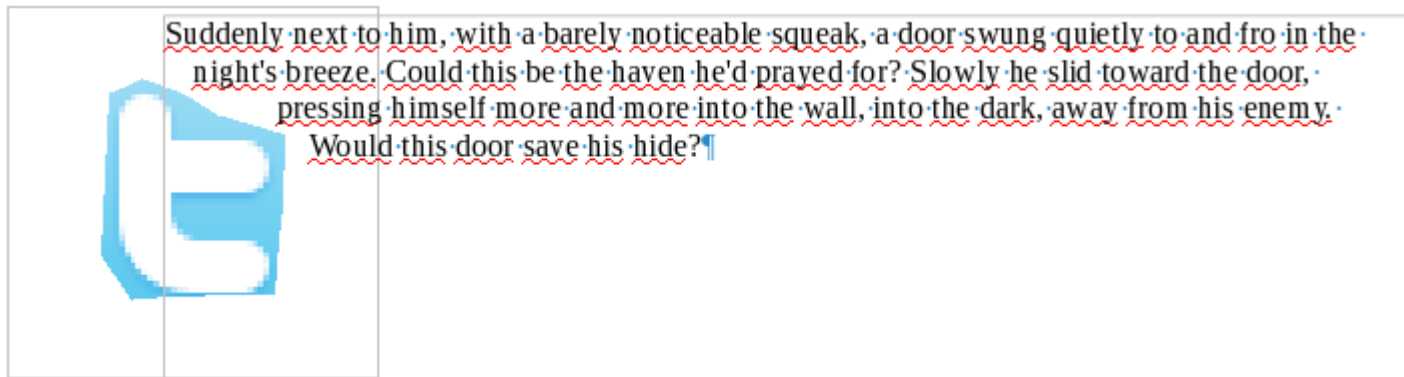
RTF export: anchored pictures

- RTF picture → implicitly inline
- RTF shapes → can be anchored as well
- Hack: represent wrapped pictures as a “shape with a picture background”
- Implemented in 4.4



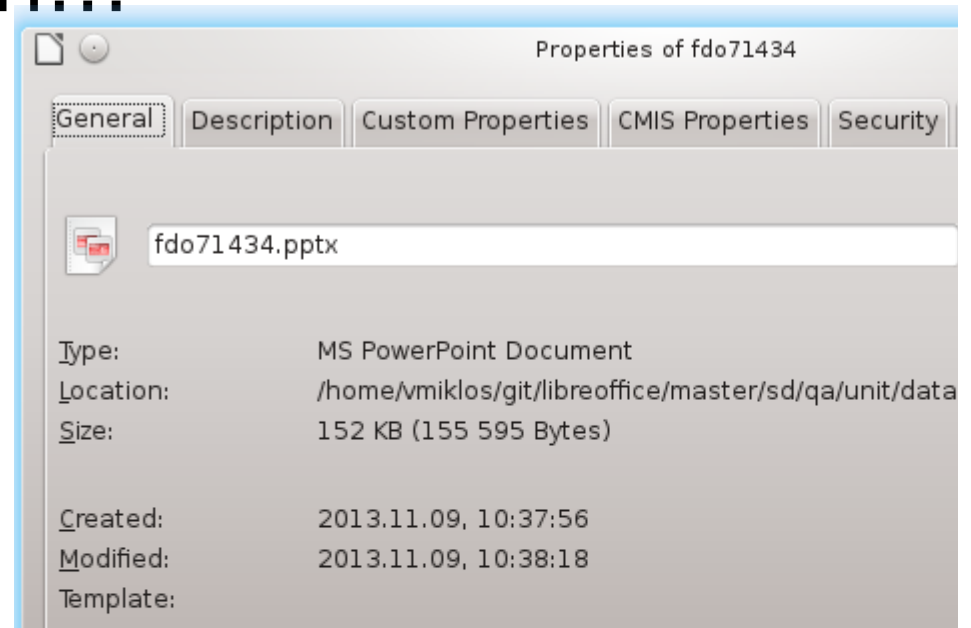
DOCX export: wrap polygon

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PPTX import: metadata

- Author / modifier name
- Creation / modification date
- One liner patch...



Writer HTML export: embedded objects

- Use case: HTML export for searchable content
- Can skip images entirely
- Use the HTML export filter for the embedded object as well

Hello, this will be a picture:

And this will be an embedded spreadsheet:

a1	b1
a2	b2

This is the end.

Summary

- During the past year, lots of inconsistencies got fixed in Writer
 - TextBox
 - Selection improvements
 - OOXML strict / drawingML
 - Nested comments
 - Lots of small filter improvements
- Thanks for listening! :-)
- Slides: <http://vmiklos.hu/odp>