Editable nested fields in Writer
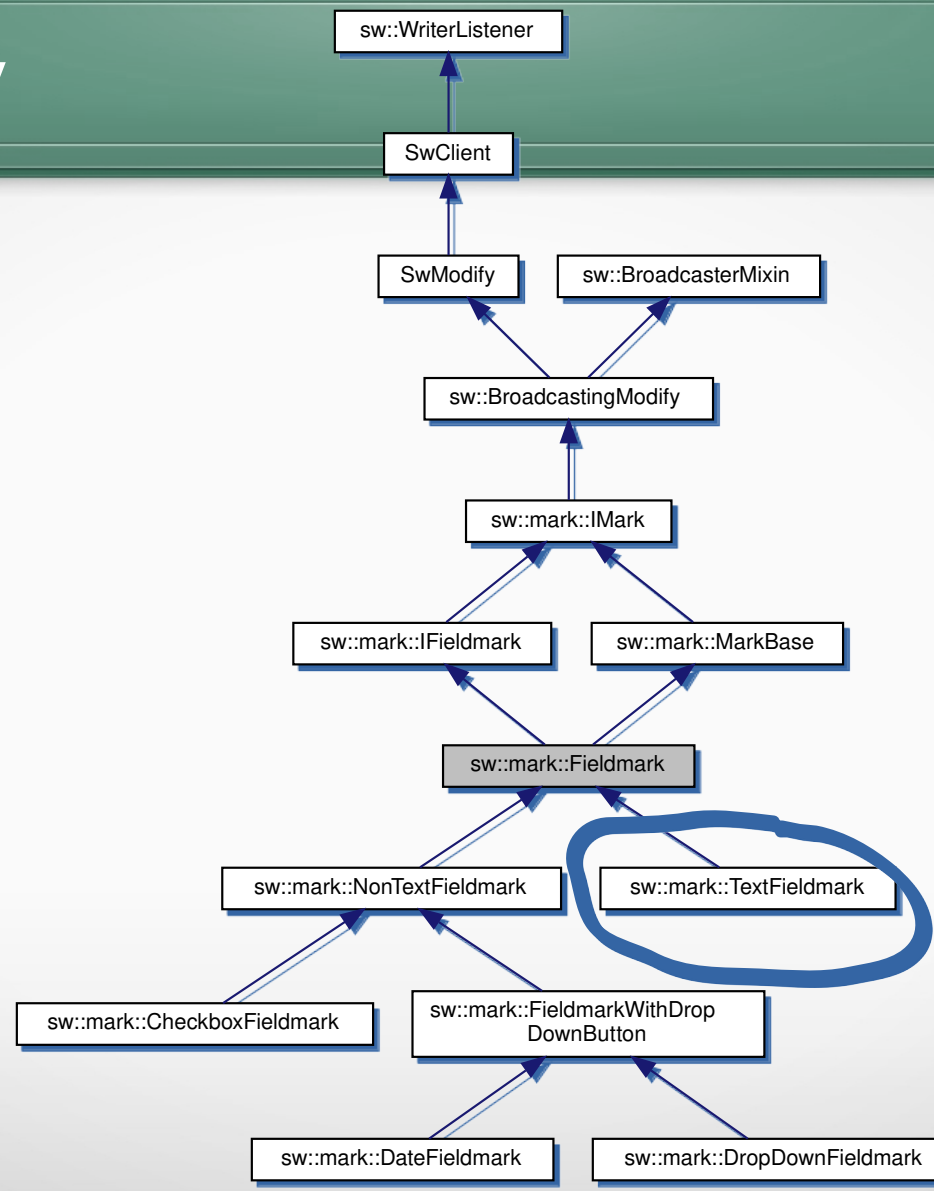
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Fields

- ## Writer fields
  – a magic character inside a paragraph in the document model

  – simple mechanism to generate a bit of text

- ## Word fields
  – field instruction + field result

  – both user editable rich text

  – used for lots of things, e.g., indexes

- added to OOo >10 years ago

- representation of Word fields in Writer model, as a kind of bookmark

- Text fieldmark:
  2 dummy characters, with instruction as string property
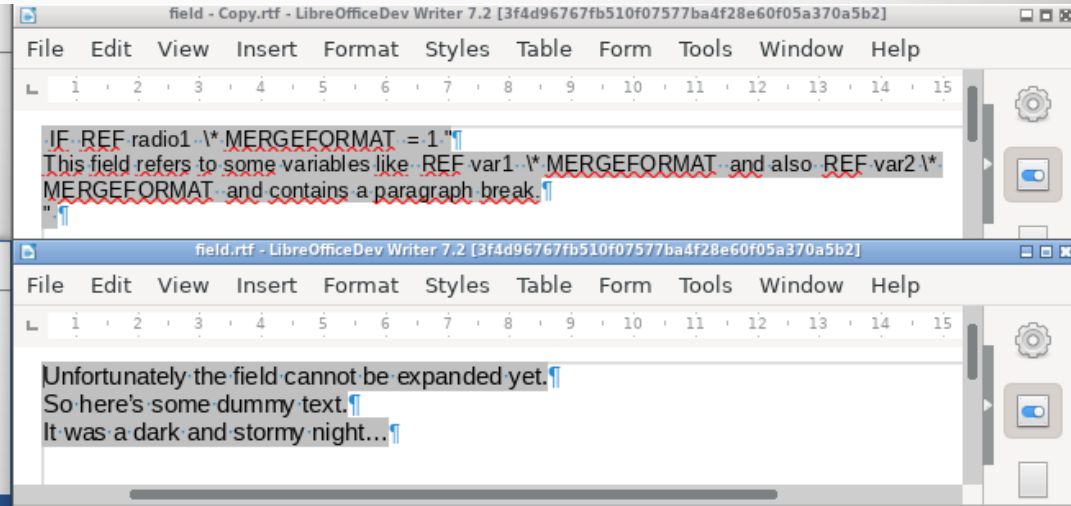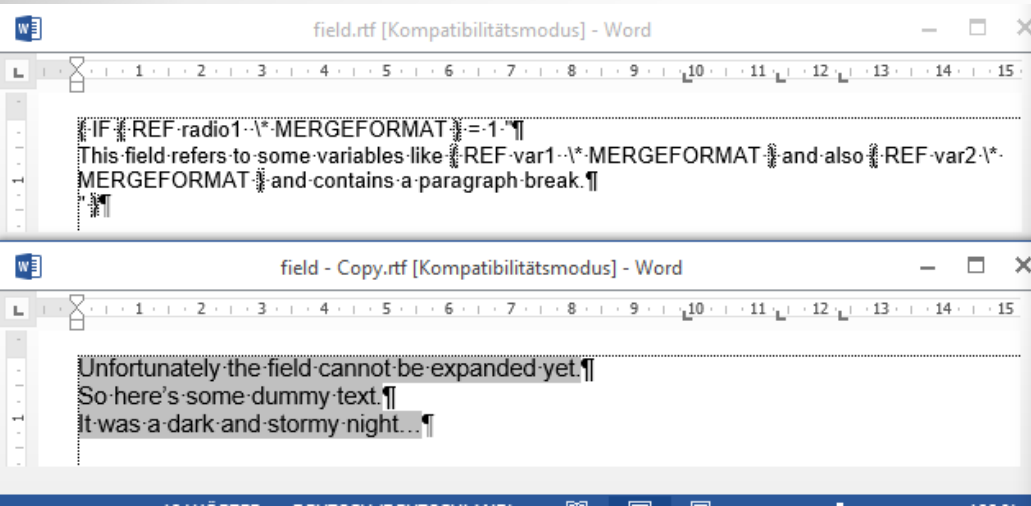 - can't actually represent Word fields

Class hierarchy

Fixing that… (in LibreOffice 6.4)

- added 3rd dummy character CH_TXT_ATR_FIELDSEP
  - can now nest fields in field instruction

- keep fieldmarks consistent when editing (overlapping selections)

- working Undo/Redo

- removed some defensive programming, deployed some asserts
  - lots of bugs fixed
    - [control characters inserted as text]

- Office::Common::Filter::Microsoft::Import::ForceImportWWFieldsAsGeneric Fields: suppress converting Word fields to Writer fields in RTF/DOCX import

- View ▶ Field Names now hides the command or the result
  - In LibreOffice 7.1

Example nested field

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- expand the field instruction into a new result (far future...)

Thanks for your attention

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