
ODF STATE OF THE UNION ADDRESS

UPDATES FROM DEVELOPMENT AND STANDARDISATION

THORSTEN BEHRENS

LIBREOFFICE CONFERENCE TIRANA



Who am I?

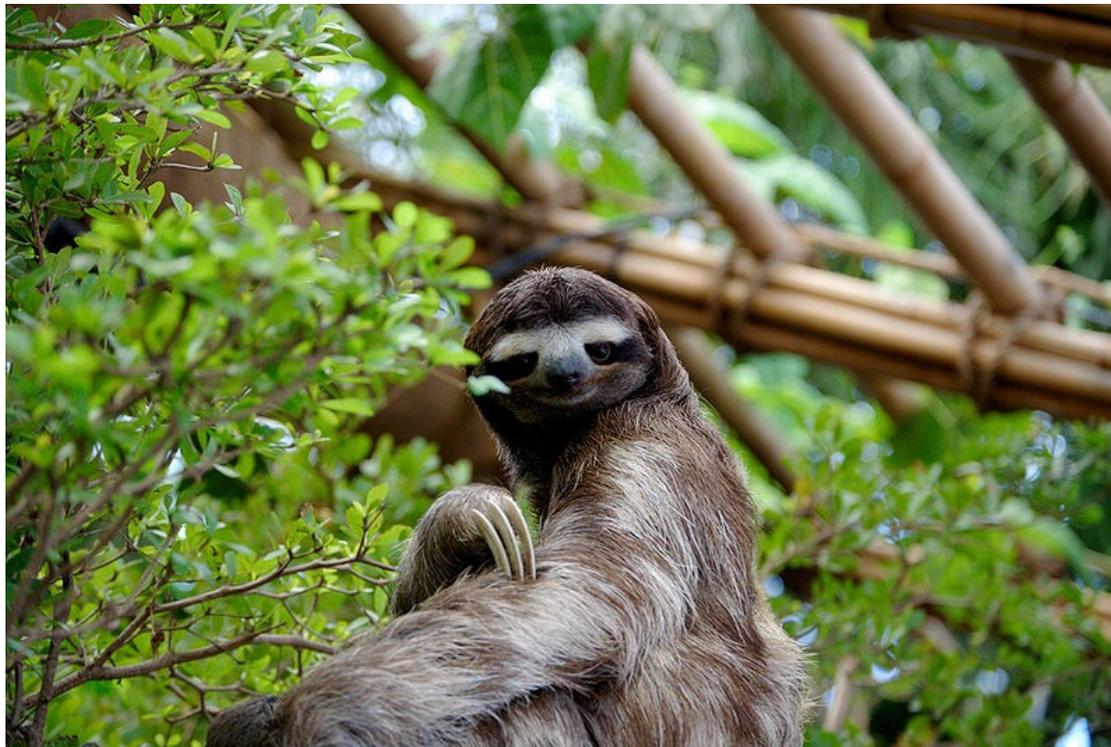
Thorsten Behrens

- since 2015 working for CIB, built our LibreOffice team
- one of the LibreOffice ~~forkers~~ founders, on the board of the foundation
- working on LibreOffice/OpenOffice code since 2001
- hacker, computer scientist, rooting for open source & open standards



It's 2018, y'all!

- it's 2018, and we're still at ODF 1.2 :)



Wikimedia Commons

- ..and now?
-

First off, some background

History of ODF

- <https://en.wikipedia.org/wiki/OpenDocument>
 - inaugural TC meeting in 2002
 - ODF 1.0 ratified by OASIS in 2005
 - ODF 1.1 from 2007
 - ODF 1.2 from 2011 (ISO rubberstamp in 2015)
 - ??
-

What's happening since 2011?

- Advanced Document Collaboration Subcommittee
 - iterated through 3 concepts
 - currently having a break
 - Work on ODF 1.3
 - 356 issues with target ODF 1.3
 - Lots of clarifications and improvements
 - Massive backlog of interop & feature improvements, that are *not* yet standardized ODF
 - Maintenance work and errata on existing versions
-

Concrete Action

COSM

- solution for the problem of updating the spec with all improvements logged
 - kicked off by Regina Henschel
 - TDF seed-funding
 - currently jointly funded by TDF & Microsoft
 - run by Public Software CIC
 - retained both Francis Cave and Patrick Durusau as editors
 - pushed TC to freeze 1.3 in June
 - please consider funding!
-

ODF marketing

- re-enable ODF adoption TC
- coordinate marketing around the benefits of ODF within the ecosystem

Development side

- TDF tender to check validity
 - Schema now in the tree
 - Used on all ODF exports
 - Also used on the crashtest machine
-

DETOUR: THE STORY BEHIND



- > Moggi added ODF and OOXML validation in March 2014 to our unit test infrastructure
- > And also for the crashtesting setup – see <https://mmohrhard.wordpress.com/2014/03/24/update-about-our-importexport-crash-testing/>
- > The ESC subsequently decided to fund making this even better in 2015:
<https://blog.documentfoundation.org/blog/2015/12/16/tender-to-implement-improved-format-validity-checks-201512-07/>
- > With CIB starting to implement at some stage





The Goals

- make export validation the default for ~all formats
 - ODF
 - (also OOXML and MS binary)
 - improve developer experience
 - No extra steps during setup
 - Better error reporting
 - Instant feedback for format probs
 - True bisectability
 - improve ODF TC and libreoffice development cooperation
 - what's the set of ODF extensions?
 - easy TC upstreaming of format changes
 - provide most recent schemas to libreoffice developers
-



Setup

- `./autogen.sh && make`
- Hah! :)
- Also runs on crashtesting machine:

Index of

`/crashtest/5e142b97f2275cf553b863ac44d6c0e9d3c4ac50/`

<u>File Name</u> ↓	<u>File Size</u> ↓	<u>Date</u> ↓
Parent directory/	-	-
validation/	-	2018-Sep-20 10:49
analyze-logs.py	3391	2018-Sep-20 10:49
crashlog.txt	266	2018-Sep-20 10:47
exportCrash.txt	1735	2018-Sep-20 10:47
exportCrashes.csv	10308	2018-Sep-20 10:49
importCrash.csv	86391	2018-Sep-20 10:49
validationErrors.csv	15465	2018-Sep-20 10:49

ROADMAP



- Freeze for submissions to ODF 1.3
 - early June 2018
 - First committee draft specification
 - Early 2019
 - Have ODF Adoption TC (or equivalent) up until then
 - ODF Standard
 - probably around mid-2019
 - ODF TC has switched to work on ODF-Next issues in parallel
-

THANK YOU!

OUR PRODUCTS:

[HTTP://LIBREOFFICE.CIB.DE/](http://libreoffice.cib.de/)

WE CAN HELP:

[HTTP://LIBREOFFICE.CIB.DE/SUPPORT](http://libreoffice.cib.de/support)

