

# LibreOffice

---

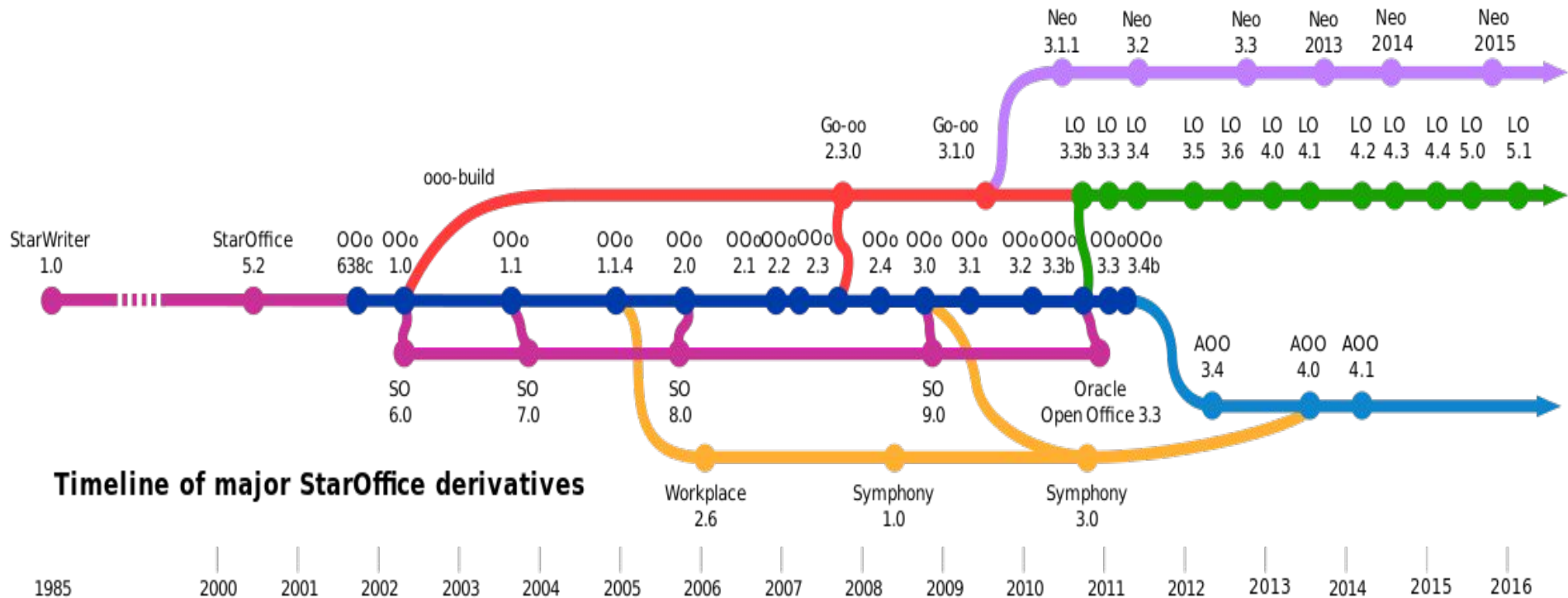
Jakub Máša

A4M35OSP

# LibreOffice

- Free and open source office suite
- GNU Lesser General Public License (LGPL)
- Non-profit organization “The Document Foundation”
- 2010 - Forked from Openoffice
- 2011 - default office suite in *Ubuntu 11.04* and *OpenSuse 11.4*

# History



Timeline of major StarOffice derivatives

# LibreOffice

- C++, Java, Python
- Supports 110 languages
- 433 301 commits, 1 515 contributors, 7 174 733 lines of code
- 30 days summary (Feb 11 2016 — Mar 12 2016):
  - 1482 commits
  - 86 contributors including 19 new contributors
- Git repository, Bugzilla issue tracker, IRC, mailing list...

# Statistics

## In a Nutshell, LibreOffice...

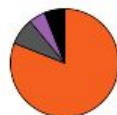
... has had 433,301 commits made by 1,515 contributors representing 7,174,733 lines of code

... is mostly written in C++ with an average number of source code comments

... has a well established, mature codebase maintained by a very large development team with stable Y-O-Y commits

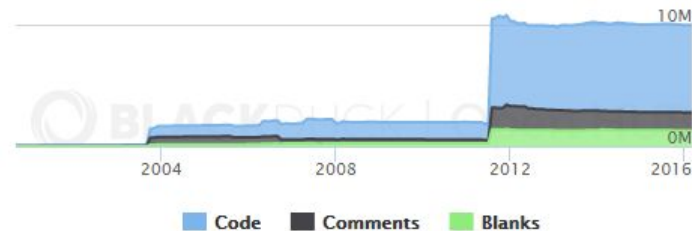
... took an estimated 2,192 years of effort (COCOMO model) starting with its first commit in September, 2000 ending with its most recent commit 13 days ago

## Languages



C++	81%	XML	8%
Java	5%	24 Other	6%

## Lines of Code



## Activity

### 30 Day Summary

Feb 11 2016 — Mar 12 2016

1482 Commits

86 Contributors

including 19 new contributors

### 12 Month Summary

Mar 12 2015 — Mar 12 2016

19063 Commits

Down -3753 (16%) from previous 12 months

308 Contributors

Up + 22 (7%) from previous 12 months

## Commits per Month

Zoom 1yr 3yr 5yr 10yr All



# My contribution

- Easy Hack
- Feature request - scroll lock function
  - Calc part
  - Scroll sheet with arrows when the scroll lock is toggled on and do not change selected cell
  - [https://bugs.documentfoundation.org/show\\_bug.cgi?id=46200](https://bugs.documentfoundation.org/show_bug.cgi?id=46200)

# Goodies

- <https://www.libreoffice.org/>
- <https://www.openhub.net/p/libreoffice>
- [https://wiki.documentfoundation.org/Development/Easy\\_Hacks](https://wiki.documentfoundation.org/Development/Easy_Hacks)