欢迎来到
文档基金会顾问委员会会议

LibreOffice
The Document Foundation

议程

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FOSDEM 及相关活动

Hackfests

" 接收" Thunderbird 的情况

5.1 版本中的新功能

TDF 新选任的董事会

新选任的董事会

董事会成员：

Marina Latini, Michael Meeks,

Thorsten Behrens, Jan Holesovsky,

Osvaldo Gervasi, Simon Phipps,

Eike Rathke.

副董事会：

Norbert Thiebaud,

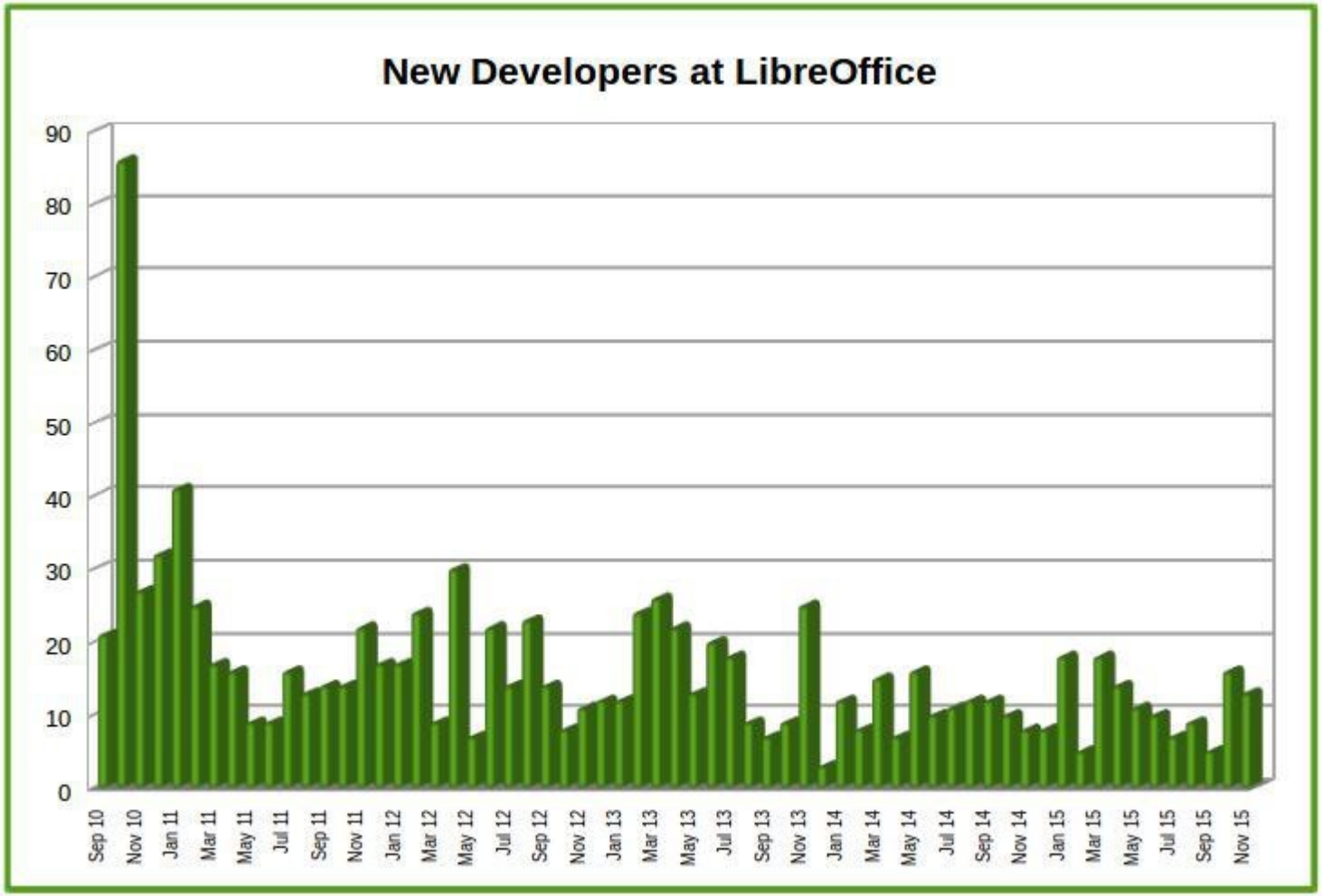
Bjoern Michaelsen,

Andreas Mantke.

新选任的董事会将于 2 月 18 日上任。两个董事会将于 1 月底 FOSDEM 期间举行一次会议。

开发及 QA 情况

新的开发者


New Developers at LibreOffice
90
80
70
60
50
40
30
20
10
0
Sep 10
Nov 10
Jan 11
Mar 11
May 11
Jul 11
Sep 11
Nov 11
Jan 12
Mar 12
May 12
Jul 12
Sep 12
Nov 12
Jan 13
Mar 13
May 13
Jul 13
Sep 13
Nov 13
Jan 14
Mar 14
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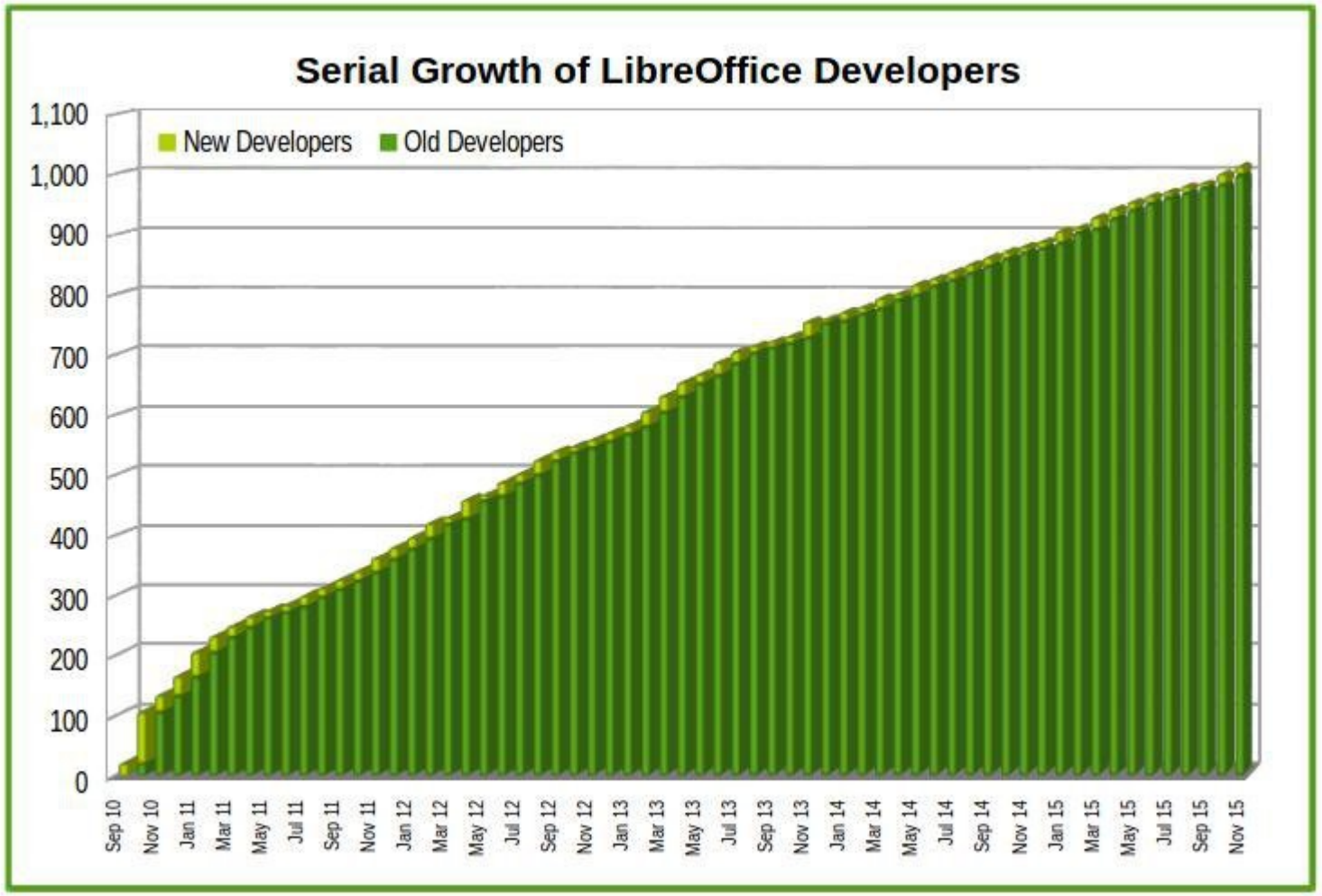
Jul 14
Sep 14
Nov 14
Jan 15
Mar 15
May 15
Jul 15
Sep 15
Nov 15

开发者增长情况


Serial Growth of LibreOffice Developers
New Developers
Old Developers
1,100
1,000
900
800
700
600
500
400
300
200
100
0
Sep 10
Nov 10
Jan 11
Mar 11
May 11
Jul 11
Sep 11
Nov 11
Jan 12
Mar 12
May 12
Jul 12
Sep 12
Nov 12
Jan 13
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May 13
Jul 13
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May 14
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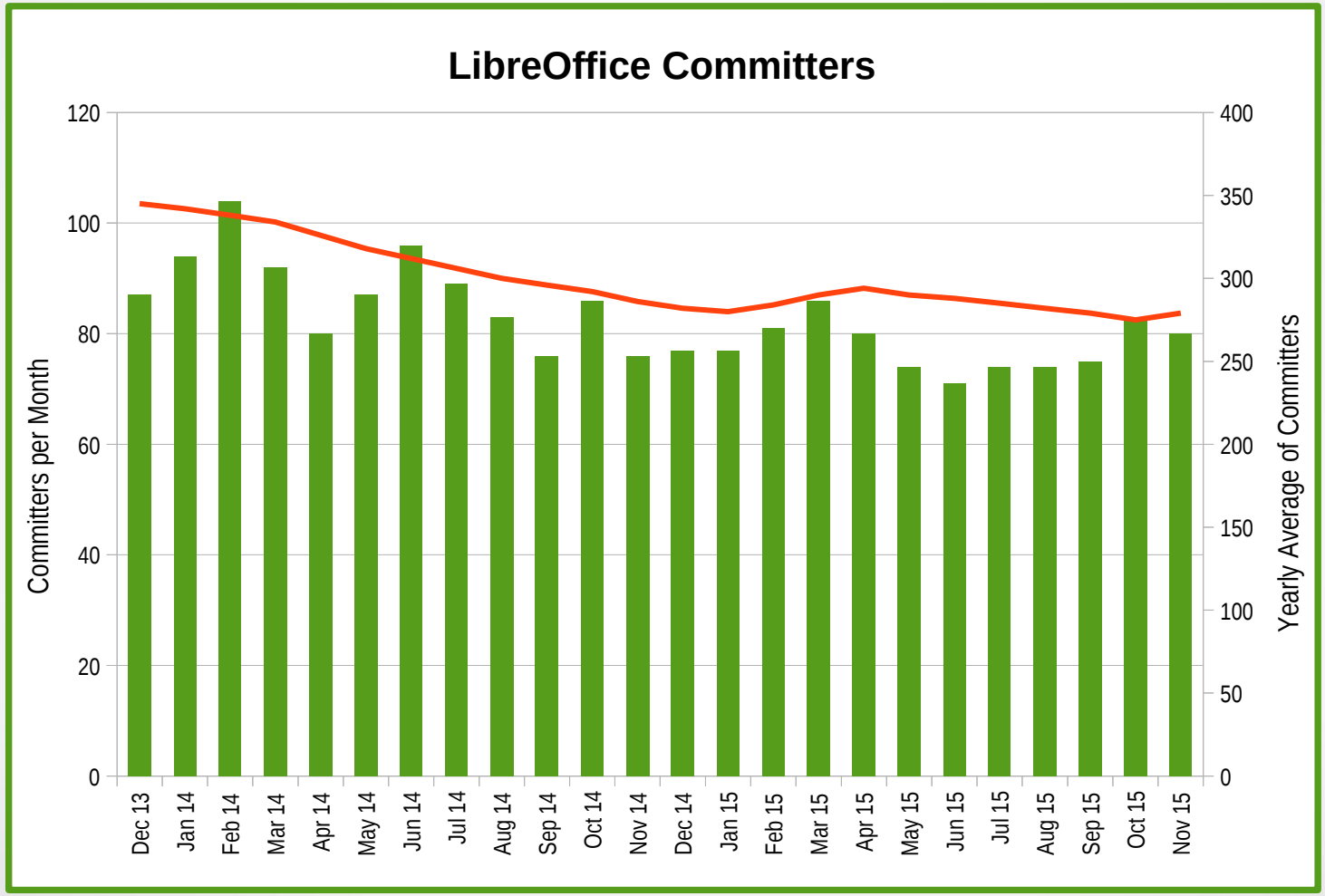
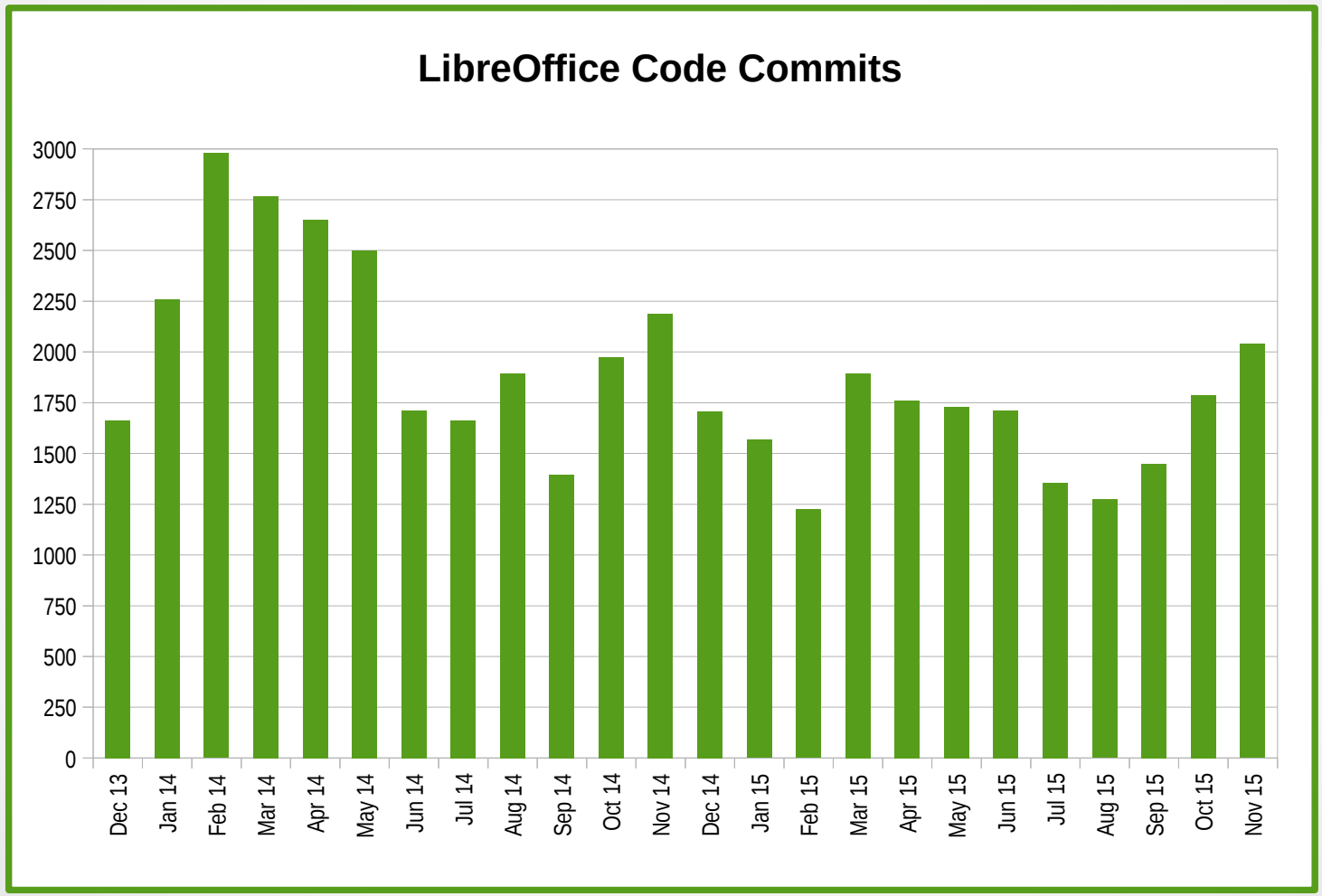
Nov 14
Jan 15
Mar 15
May 15
Jul 15
Sep 15
Nov 15

代码提交者


LibreOffice Committers
Committers per Month
Yearly Average of Committers
120
100
80
60
40
20
0
400
350
300
250
200
150
100
50
0
Dec 13
Jan 14
Feb 14
Mar 14
Apr 14
May 14
Jun 14
Jul 14
Aug 14
Sep 14
Oct 14
Nov 14
Dec 14
Jan 15
Feb 15
Mar 15
Apr 15
May 15
Jun 15
Jul 15
Aug 15
Sep 15
Oct 15
Nov 15

提交的代码


LibreOffice Code Commits
3000
2750
2500
2250
2000
1750
1500
1250
1000
750
500
250
0
Dec 13
Jan 14
Feb 14
Mar 14
Apr 14
May 14
Jun 14
Jul 14
Aug 14
Sep 14
Oct 14
Nov 14
Dec 14
Jan 15
Feb 15
Mar 15
Apr 15
May 15
Jun 15
Jul 15
Aug 15
Sep 15
Oct 15
Nov 15

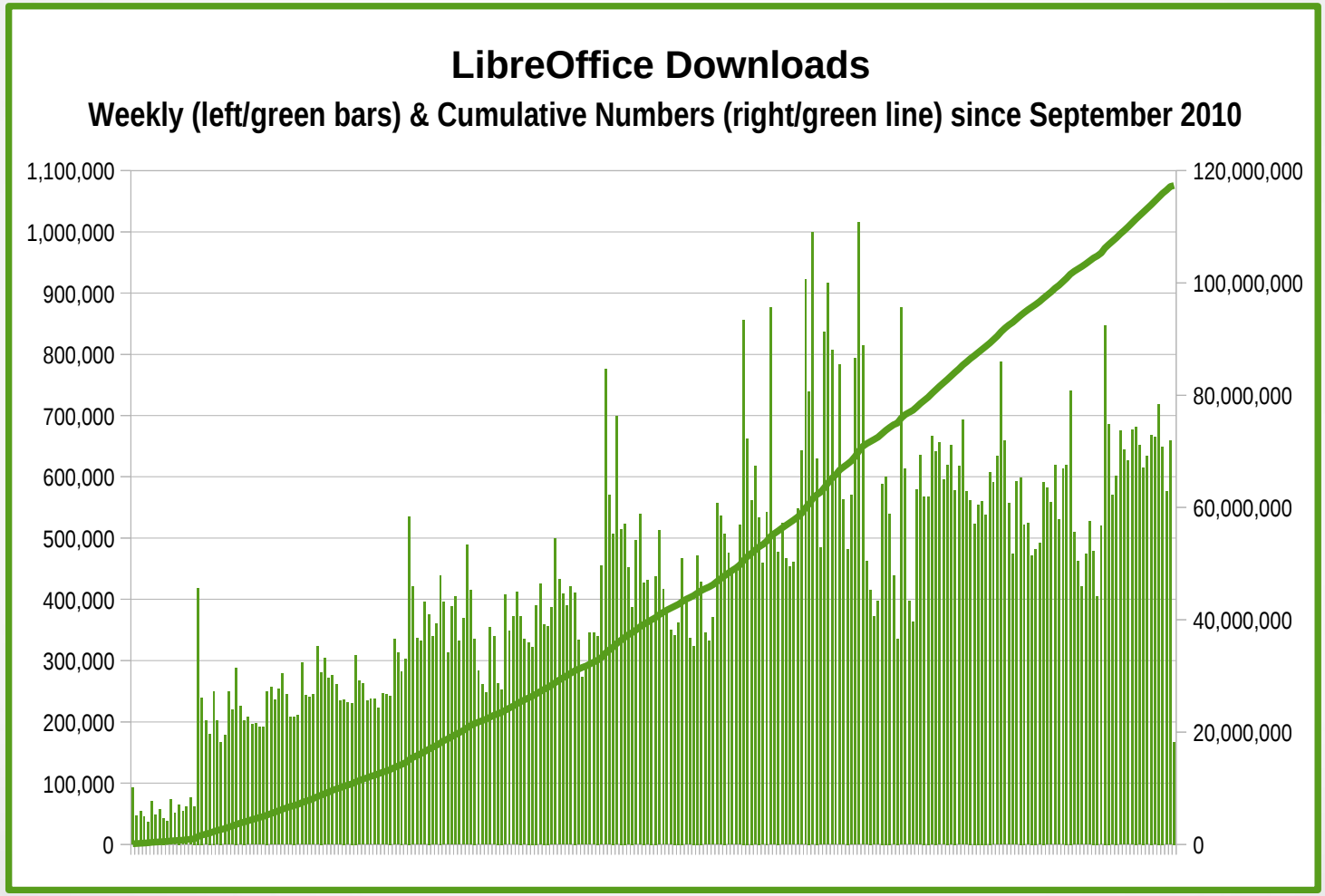
QA 情况

“ 倒退 (regression)” bug 已得到了很好的监控，在 4605 个 open 状态的 bug 中倒退 bug 的数量已降低到 754 个，其中有 37 个被赋予了更高的优先级。

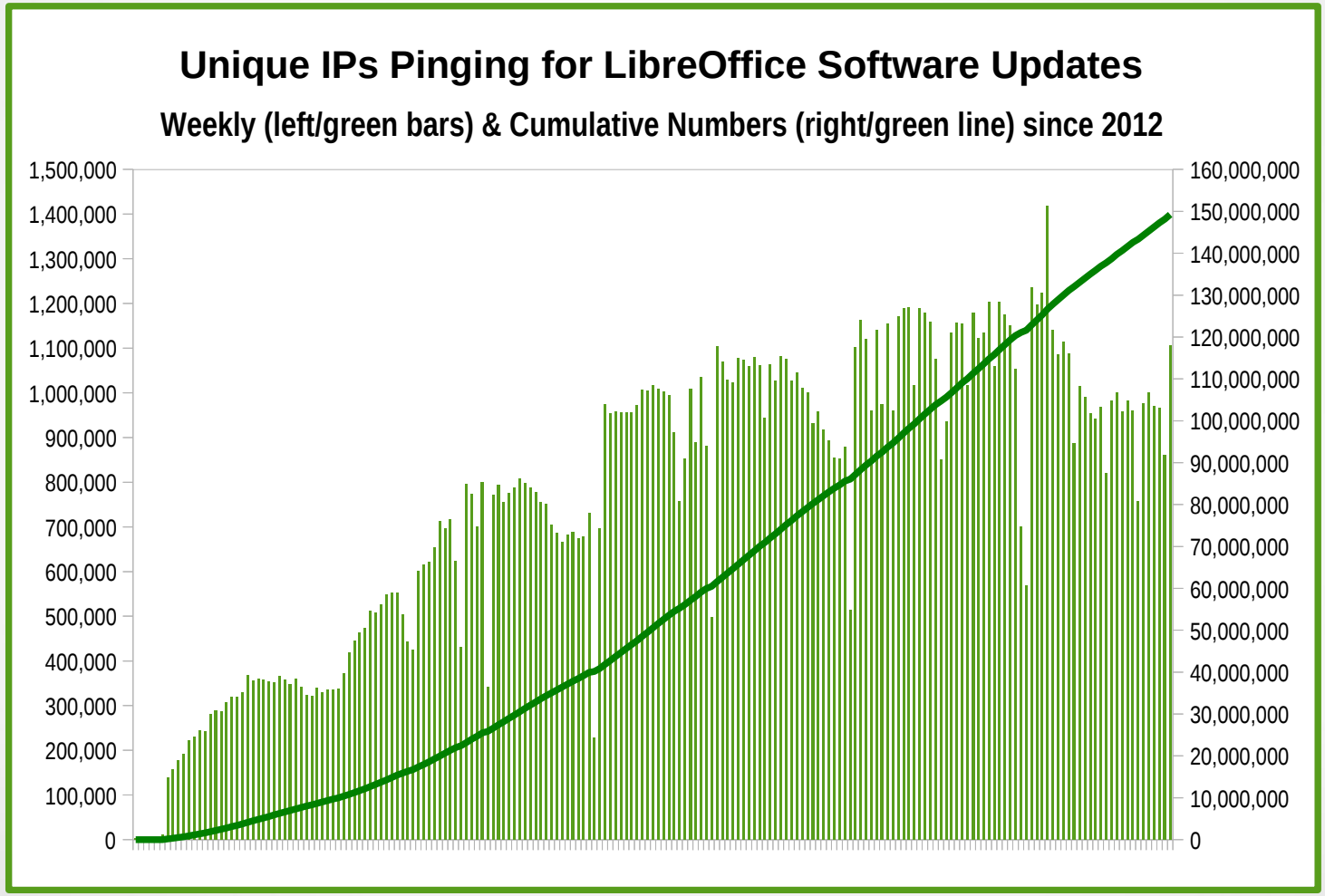
Open 状态的 bug 有缓慢的增长，是因为有一些改进请求，以及 UX 团队正在进行中的一些更改。 A slow increase of open bugs is due to several enhancement requests

LibreOffice 项目状况

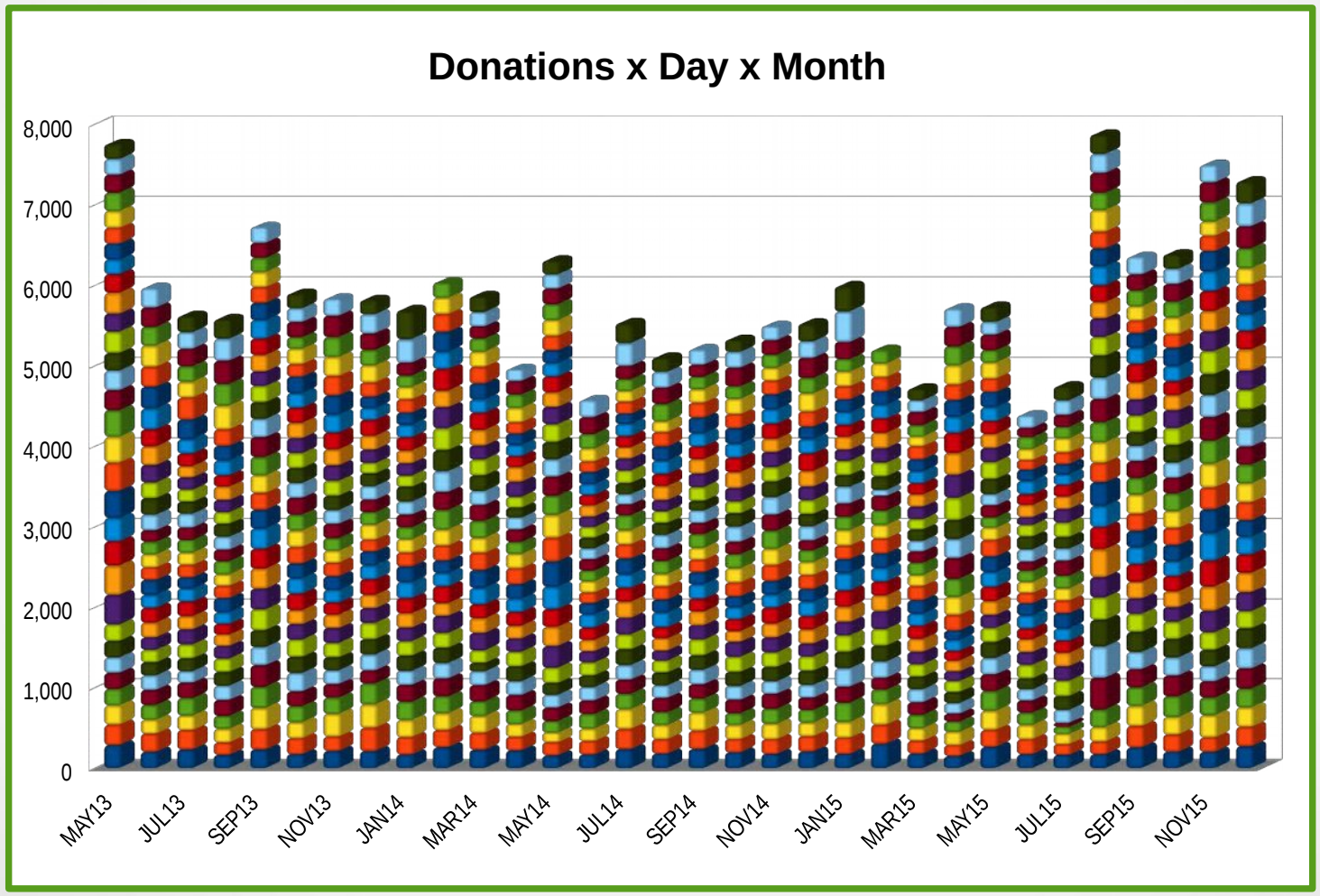
自 2010 年以来的下载情况



自 2012 年以来的软件更新



捐赠情况


Donations x Day x Month
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
MAY13
JUL13
SEP13
NOV13
JAN14
MAR14
MAY14
JUL14
SEP14
NOV14
JAN15
MAR15
MAY15
JUL15
SEP15
NOV15

人才招聘

人才招聘

Development mentoring lead: Jan Iversen has been contracted to mentor and accompany newcomers and help with release engineering when needed.

Documentation lead: will be announced soon.

User Experience lead: tender ended early January, we received 10 applications currently in review and interviews will be scheduled.

开发招标

开发招标

Pootle 翻译服务器：Pootle 的开发者将按照合同进行维护，根据本地化团队提出的建议进行改进。

MozTrap：当前的开发致力于使得 MozTrap 支持多国语言，并能进行多种语言下的测试项目维护。

Dashboard：需要开发一个工具，以显示项目的进展。已安排在 FOSDEM 的一次会议上探讨具体细节。

与测试有关的的招标

12 月中旬做出了一些新的项目招标，截止日期在 1 月末，详情请见 http://tdf.io/tenders

- 实施改进的格式有效性检查
- 自动化的帮助 / 用户文档截屏生成过程
- 跨平台的字体替换，用于布局测试
- 基于 a11y 的自动化 UI 测试
- 设计并实施程序崩溃报告功能
- 可用性指标收集

预算

已授权的预算项目

Apart from those approvals announced individually (e.g. the Madrid Hackfest, or the Didacta trade show), the following projects have been approved already, in the order of ranking:

- All about LibreOffice portal/dashboard
- Marketing role top-up time
- Documentation coordinator, half-time
- Automated a11y based UI testing
- Reference documents comparison
- SSDs for prominent QA developers
- Cross-platform font/shaping stubs for layout tests
- Profile corruption safe-mode ...
- FLOSS consulting
- Automated Help/Documentation screenshot creation
- Improved Format Validity Checks

待授权的预算项目

The following projects have been proposed, but have not made it into the current budgeting round. The board will keep them in the ranking, and will take them into account for further approvals. Here is the list of pending proposals, in the order of their current ranking:

- LibreOffice student training week
- Supporting FLOSS projects we make use of
- Android Unit Testing
- Free office lessons
- Always Green Master
- Python IDE/SDK tutorial
- 2 to 3 vids/animations for LibreOffice presentation and promotion
- Organize internal ODF congress for IT management/leaders from (local) administrations
- Windows UI for Bibisect
- Marketing proposal, incl. supervision and travel
- Unhosted
- Online ads
- Checking for DSO dependencies

批准请求 - 账务

Accepted grant requests:

- A grant proposal to have Kohei Yoshida at the LibreOffice Japanese NLP's annual conference
- Creating a LibreOffice community and developer dashboard ("All about LibreOffice")
- Attendance to IT and Business and Didacta

Ledgers publication:

Ledgers have been regularly published at https://wiki.documentfoundation.org/TDF/Ledgers (December accounting in progress, to be published soon)

2015 年的花费

- 截止 12 月底，已花费了约 470,000 欧元，在 2014 是约 260,000 欧元。
  - 约 50% 是员工成本
  - 约 20,000 欧元用于 LibOCon 差旅补贴（与 SPI 共同分担）
- 截止 12 月底的 2015 年捐赠收入：约 640,000 欧元。

FOSDEM

FOSDEM 及相关活动

- **Hackfest**: Two days before FOSDEM at BetaCoworking, details on the wiki at https://wiki.documentfoundation.org/Hackfest/FOSDEM2016
- **DevRoom**: On Saturday all day, 24 talks will cover UI, Cloud, ODF, LO modules, QA, migration, build and Android along with development tools.
- **Booth**: featured with stickers, t-shirts and enthusiast people.
- **Board + Staff meetings**: On Monday and Tuesday at BetaCoworking

Hackfests since last AB meeting

2015 Hackfests

Hamburg – October 23 – 25

Achievements:

- Remove Seamonkey based mozab driver
- Bump Python version to 3.5
- Finalize Support for universal C runtime, SDK 10 and .NET 4.6
- Fixed tdf#75637 “LOCALHELP: Images not displayed with newer icon themes”
- Fixed tdf#39960 “Pictures lost/distorted when FILESAVE document as RTF”
- Mockups & planning for improved Draw Animations dialog
- Replaced some more legacy boost::ptr_vector with C++11 std::vector<std::unique_ptr>
- Made wheelscrolling in the TabBar scroll through Decks, not the main view
- Allow window manager to select a proper icon for the LibreOffice windows

LibreItalia has organized a Hackfest in Terni on November 28

Two commits removing unused code have been contributed.

Thunderbird

对“接收” Thunderbird 计划的评估

- Thunderbird Council 已经联络了文档基金会，想让 TDF 成为 Thunderbird 的新家。
- 我们的董事会已经与包括 Mozilla 在内的众多股东进行了讨论。
- 目前还没有做出决定。

LibreOffice 5.1

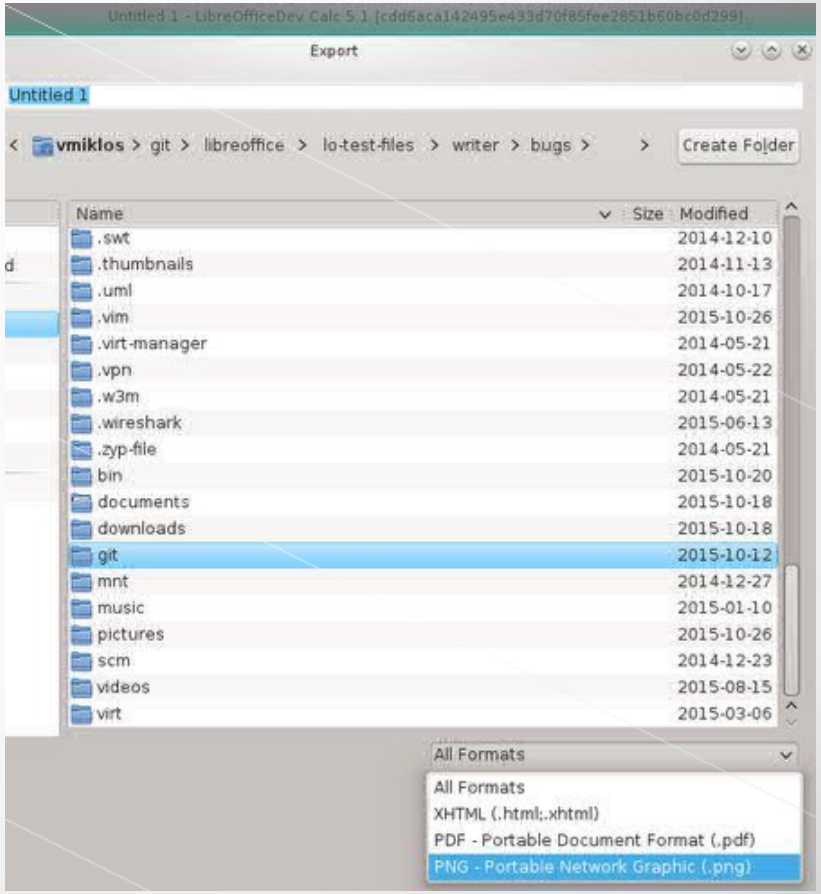
Writer

- Spelling dialog no longer automatically closes once spellcheck is complete. (Marek Dolezel)
- Widow/Orphan paragraph text-flow enabled by default for new documents. (SIL)
- Mail merge embedding of the datasource definition. (Miklos Vajna)
- Hide Whitespace option added to View menu. (Ashod Nakashian)
- Outline split button available in formatting toolbar, but hidden by default. (Maxim Monastirsky)

Calc - 1

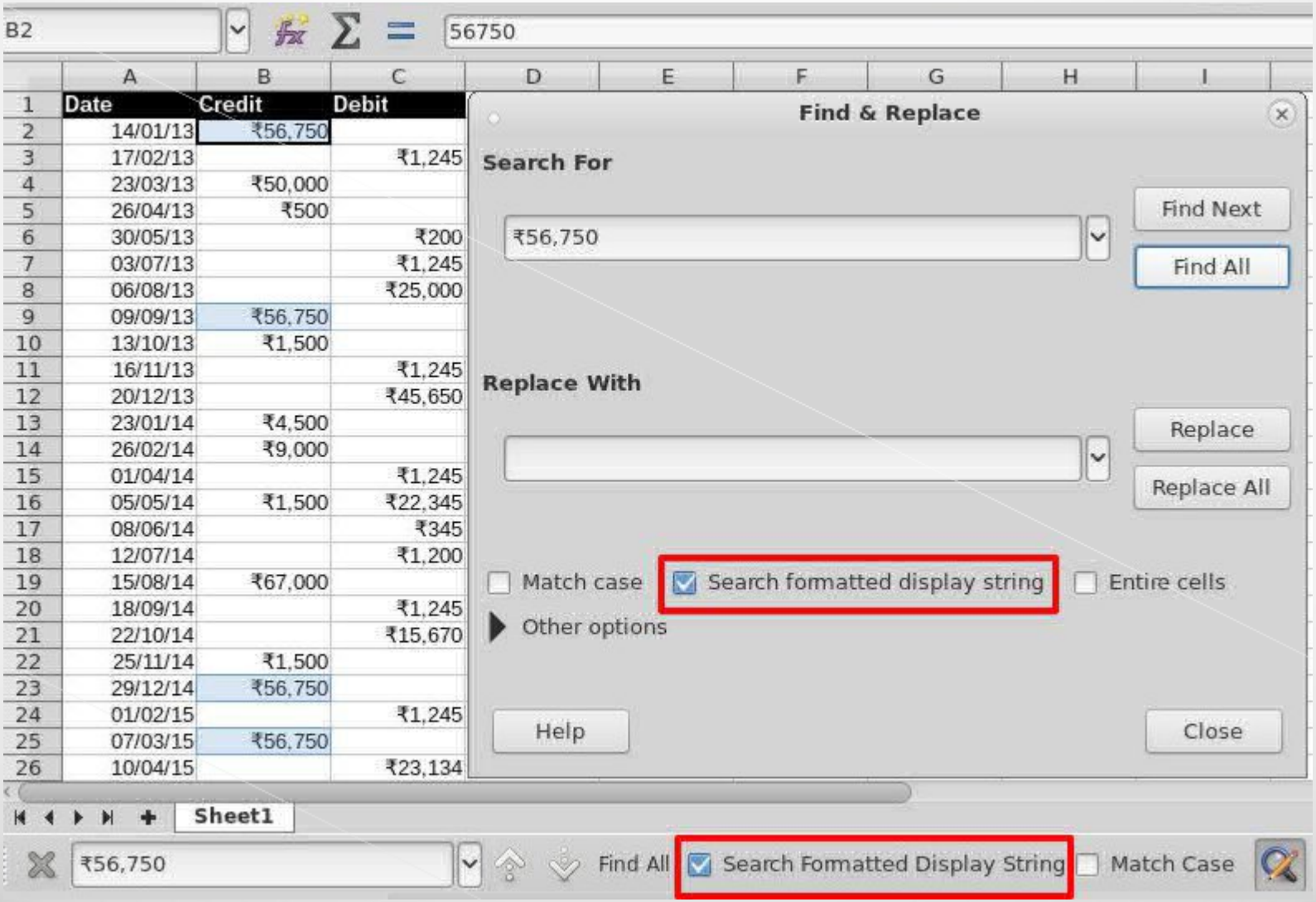
- New commands to add rows below and columns right. (Philippe Jung)
- Formula Wizard shows the values of parameters and results. (Benjamin Ni) add screenshot
- Organize sheet level context menus. (Yousuf Philips)

PNG export in LibreOffice Calc was added, as in Writer and Impress. (Miklos Vajna)



Calc - 2

Option to search formatted display strings using find bar and also "Find & Replace" dialog. (Dennis Francis)



Formula Engine

Table structured references (Eike Rathke)

- The following restrictions of Table structured references that were present in 5.0 were addressed:
  - The column names must not be present as cell content in the table's header row any more; column-header-less tables are now supported.
  - Modifying header cell content updates the internal table column names.

Sticky end column/row anchors (Eike Rathke)

- For range references that encompass at least two columns or rows where the end reference points to the last column or row, i.e. AMJ or 1048576, the end column or row is sticky now and not moved when inserting or deleting columns or rows.

Compatibility with ODF 1.2

- Function WEEKNUM strictly complies with ODF 1.2 function definition and ISOWEEKNUM has been introduced. (Winfried Donkers)

Impress / Draw - 1

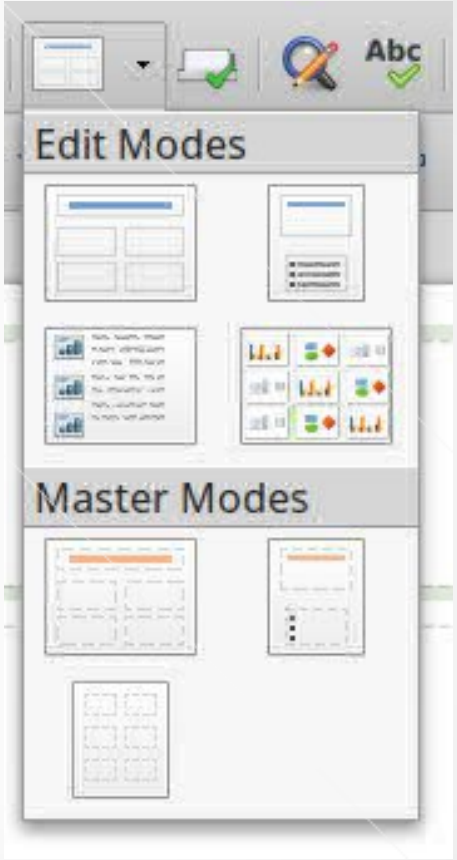
- Slide navigation and sorting commands were added. (Philippe Jung)
- Master slide view appears in a different background color to normal view. (Katarina Behrens)
- KDE, XFCE, and Mate ScreenSavers are now also inhibited when presenting (Andrzej Hunt).

Impress / Draw - 2

Impress Mode Selection

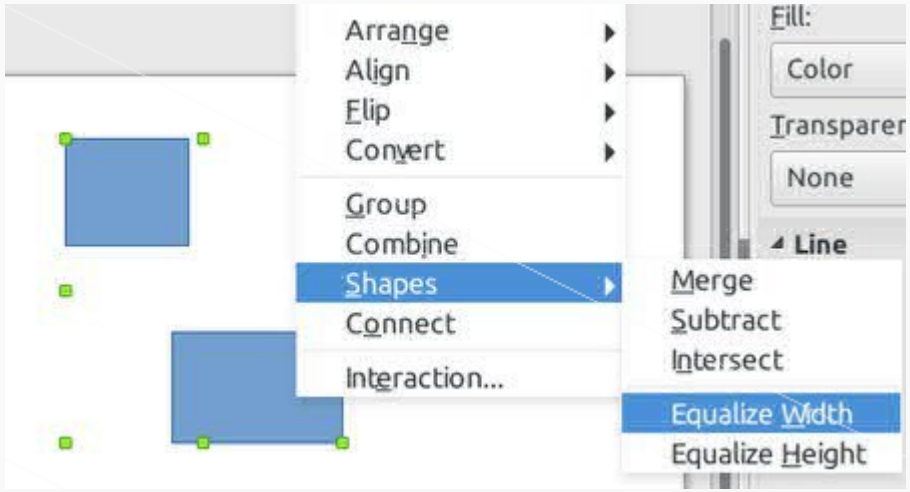
Two toolbox icons have been added:

- one to toggle Tab bar visibility. It is hidden by default. Clicking the toggle disables the new Mode Selection tool and restores the previous behaviour.
- one to Select the Working mode among the 7 modes listed above. It is divided in two zones: top zone is regular mode (dealing with content of the presentation), bottom zone is the Master mode (dealing with container).



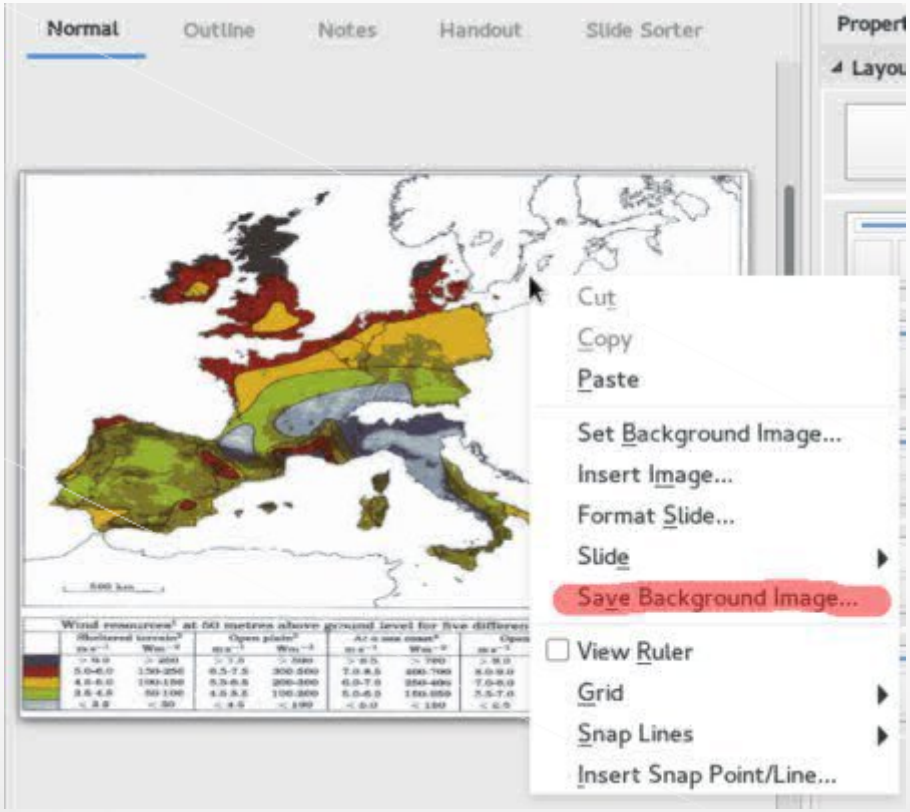
Impress / Draw - 3

Equalize Width/Height :
When multiple objects are selected, the right click context menu Shapes submenu now supports Equalize Width and Equalize Height which adjusts the width/height of the selected objects to the width/height of the last selected object. (Caolán McNamara)



Impress / Draw - 4

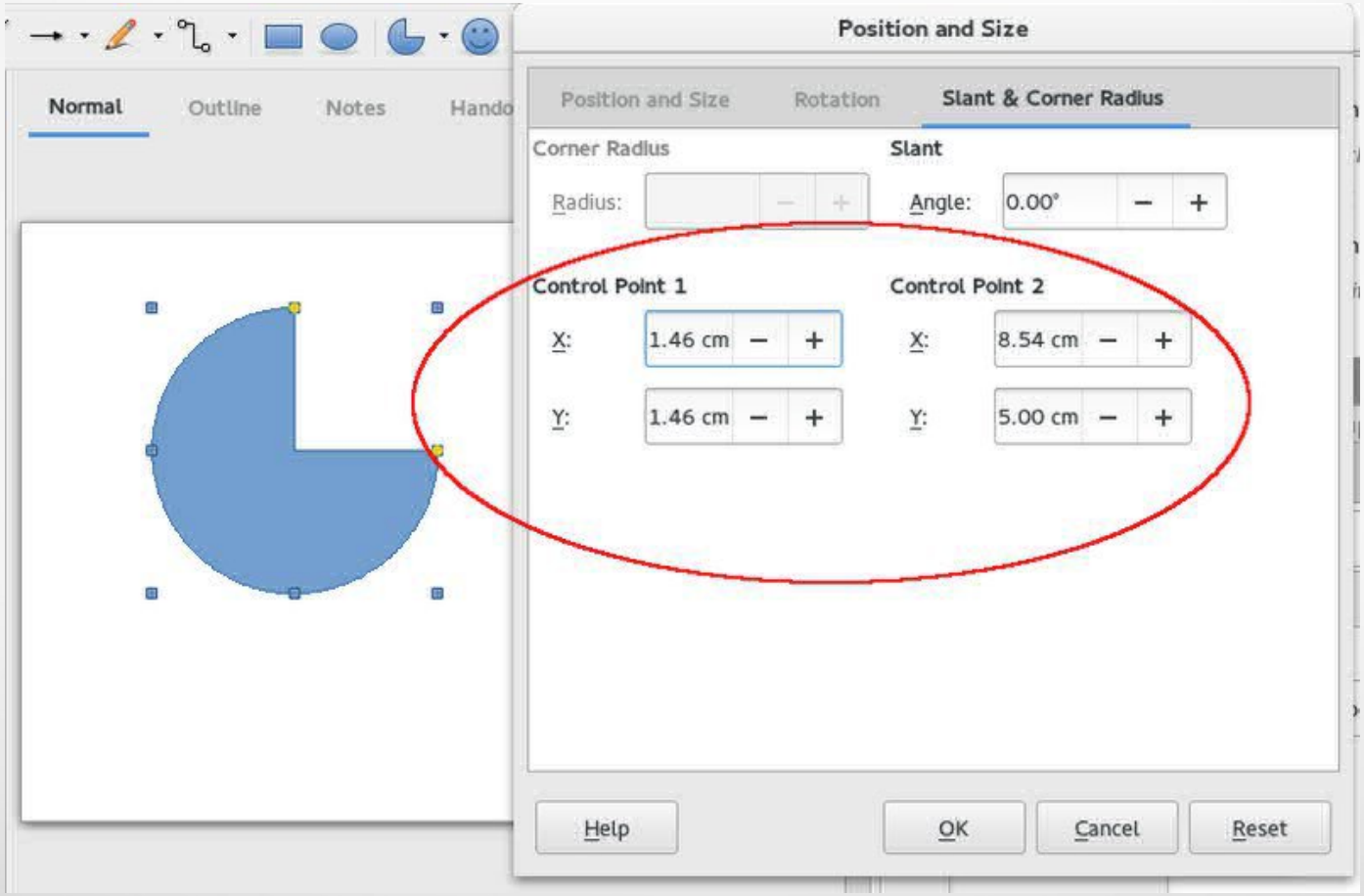
Save Background Image :
Right clicking a slide now supports saving a background image to file, this matches the pre-existing set background image option. (Caolán McNamara)



Impress / Draw - 5

View/Edit Control Points :

The Shape Properties dialog for enhanced shapes now lists and enables editing the control points. This is in addition to the preexisting mechanism of selecting with the mouse the yellow control handle of the shape, but enables viewing and fine control over the control values. (Caolán McNamara)



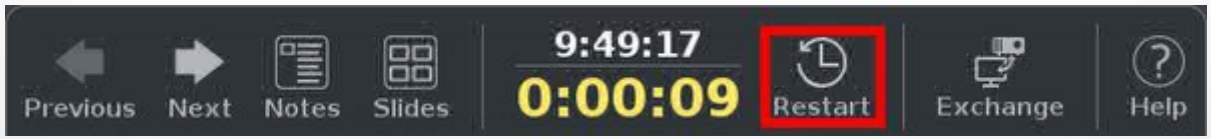
Impress / Draw - 6

Slide Design:

Slide Design dialog in Slide □ Slide Design now affects all selected (standard) slides. (Caolán McNamara)

Presenter Console:

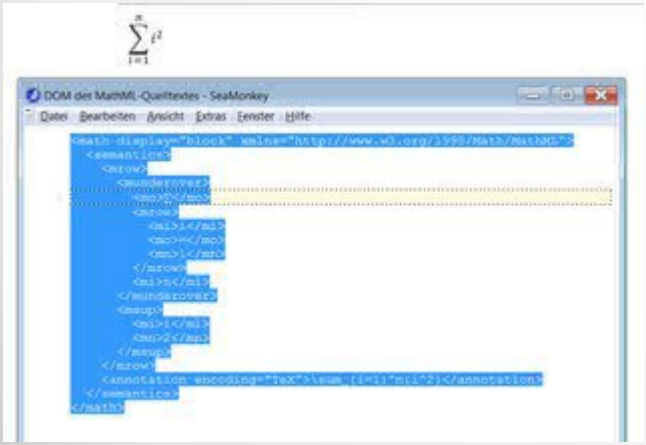
There is now a button on the presenter console to restart the timer of the slideshow without restarting the slideshow itself (see this blog entry) (Miklos Vajna, Andreas Kainz)

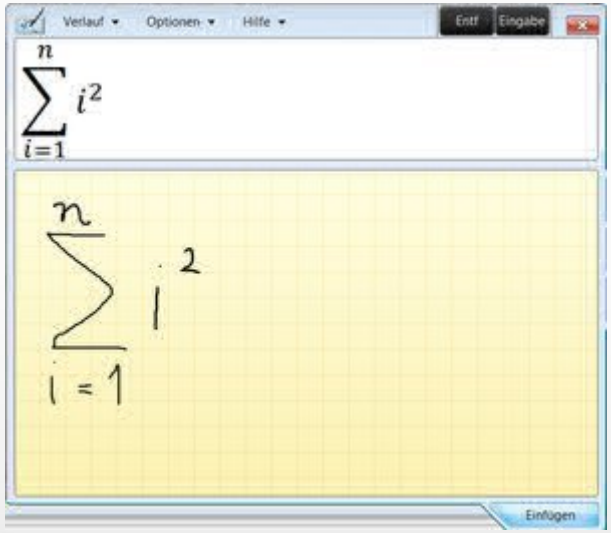


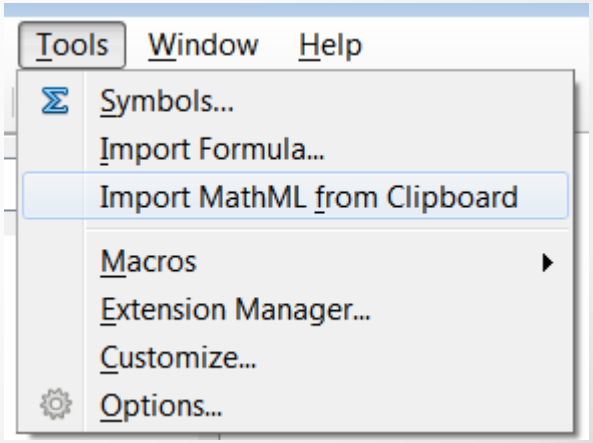
Math

Import MathML from Clipboard (Regina Henschel)

The tool “Math Input Panel” in Windows or the context menu of a formula in a browser allow to copy the MathML source to clipboard. The Math module in LibreOffice has got a new item “Import MathML from Clipboard” in menu Tools to import such source and convert it into LibreOffice’s own formula syntax StarMath.







Base

Ancient SeaMonkey based mozab driver was only used on Windows 32 bit and is removed now. This functionality is replaced with mork driver, that supports Thunderbird address book.

Given that SeaMonkey based mozab driver also provided Outlook and Outlook Express address book integration, that Windows 32 bit only feature is lost for now. Note that Windows 64 bit never supported ancient SeaMonkey based mozab driver.

Chart

Trend Line (Laurent BP)

- Exponential and Power trend lines accept negative Y values
- Improve equation rendering by removing some useless 1:
    - polynomial: f(x) = 1x^2 + 1x +1 => f(x) = x^2 + x +1
    - exponential: f(x) = exp(1 x) => f(x) = exp(x)

Core -1

Unicode character input with Alt+X (SIL)

Some Windows applications, such as Microsoft Word and WordPad, permit the user to input arbitrary Unicode characters by typing an hexadecimal code point (for example, 2026 for …) and then pressing Alt+X. LibreOffice now includes this functionality as well. (Note: This feature adds to the long-existing, equivalent Linux/GTK functionality of pressing Ctrl+ Shift+U+hexadecimal code point.)

Details:

- Toggles (switches back and forth) between the character before the cursor and its Unicode notation.
- Intelligently handles combining characters, expanding the entire character immediately.
- Selection is not necessary, but if used will limit the input to those characters. (Draw/Impress/Calc have the final result selected, but not Writer.)
- Handles all 16 Unicode planes
- Available in Writer, Draw, Impress, Calc and Math.
- Re-assignable keyboard shortcut: Tools Customize Keyboard Category:Options Function:Toggle Unicode Notation. Defaults to Alt+X assigned at the global level. (Alt+C used for Basque/Dutch/Galician/German/Brazilian-Portugese locales and Command+ Option+X used for MacOS).

Core - 2

WebDav Improvements

- Better LOCK/UNLOCK support (Giuseppe Castagno)
- Support a (https-like) non-standard vnd.sun.star.webdavs URL scheme in addition to the non-standard (http-like) vnd.sun.star.webdav scheme (Stephan Bergmann)

Filters 筛选器

New import filters

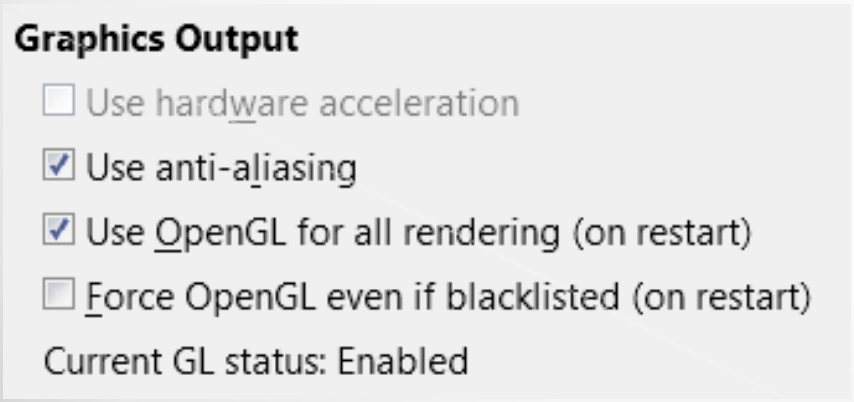
- Gnumeric is now an officially supported import format (does not work on Windows) (It was supported as part of the experimental features for some time) (Markus Mohrhard)
- Microsoft Write (.wri files) can now be imported, via libwps. (Sean Young)
- Apple Keynote 6 files can now be imported, via libetonyek. (David Tardon)

Improvements in OpenXML filter

- Export of the modified VBA stream back to binary Microsoft formats and OOXML (Rosemary Sebastian, Markus Mohrhard)
    - There is a new configuration value that allows to control whether to use this feature (by default yes) or switch back to the old behavior of discarding or writing back the unchanged stream
    - The following features are not yet (completely) supported: Protected macros, macro sheets, active x and some of the designer features.

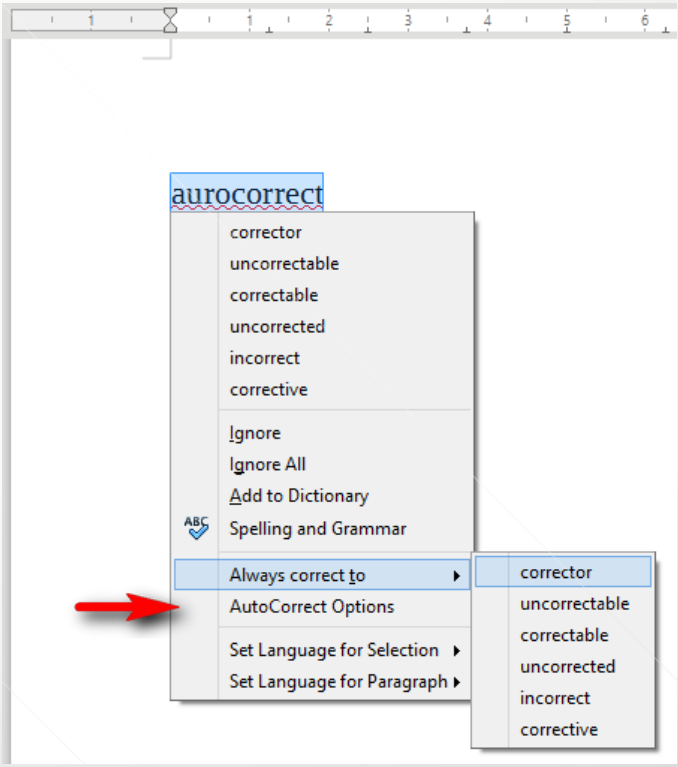
GUI - 1

In dialog Tools □Options □ LibreOffice □View was added displays the current status OpenGL: Enabled or Disabled



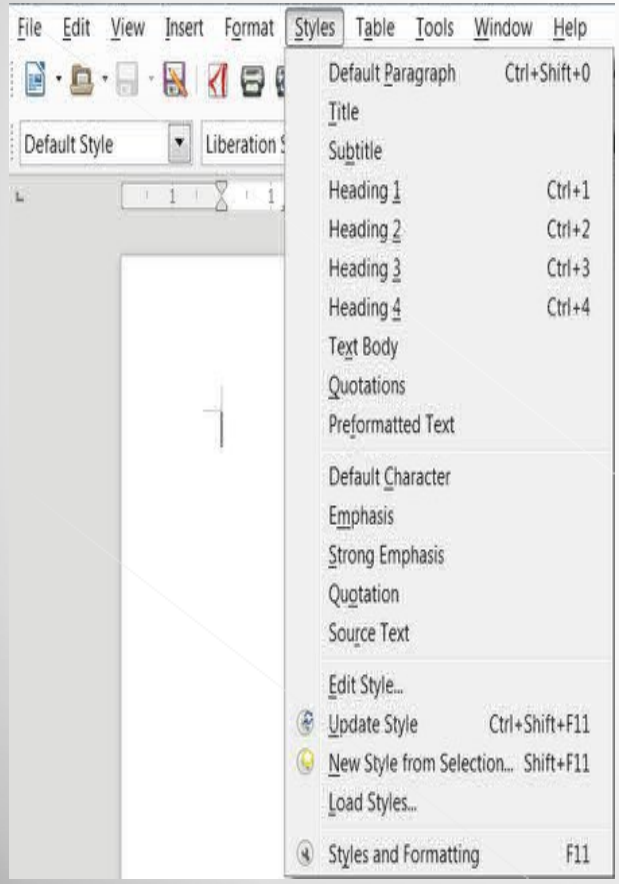
AutoCorrect context menu

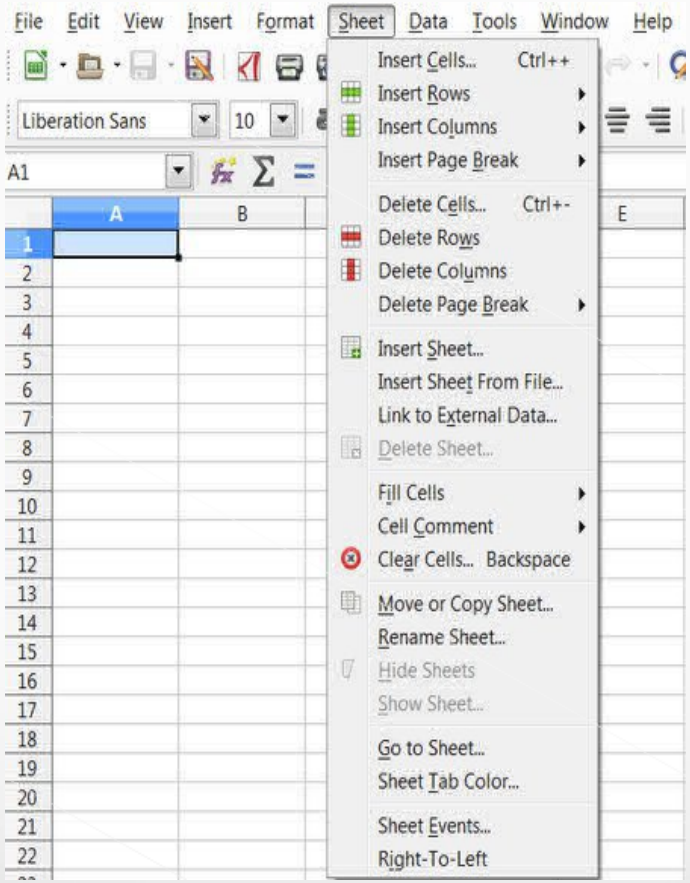
An "AutoCorrect Options" item has been added in the spell checking context menu. Users can now directly enter the autocorrect replacement table when there's no satisfying suggestion in the "Always correct to" submenu. (Yousuf Philips, Samuel Mehrbrodt [CIB])

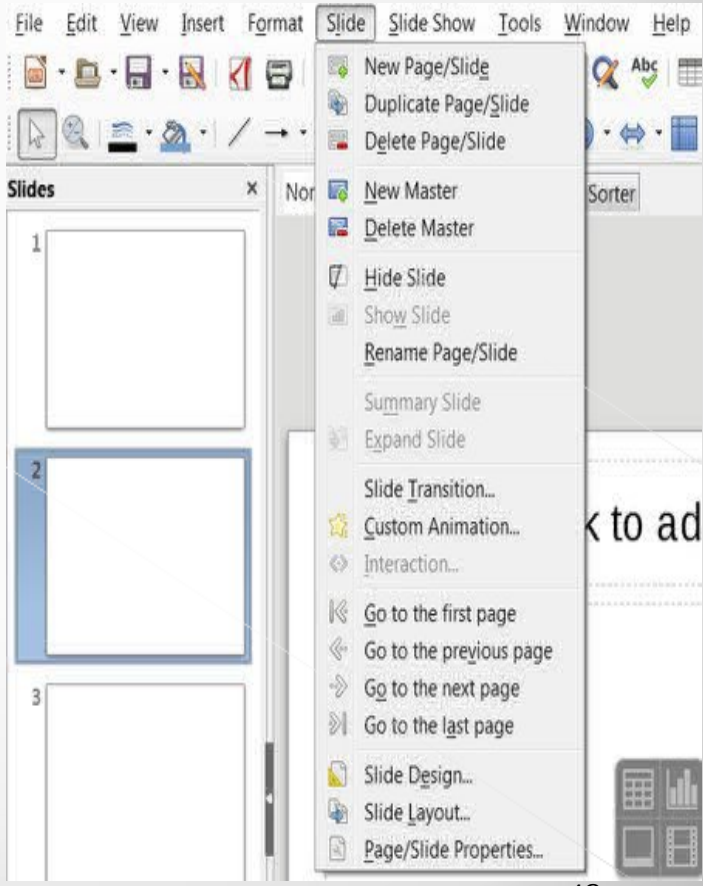


GUI - 2

New menus: Styles in Writer, Sheet in Calc, Slide in Impress (Yousuf Philips)



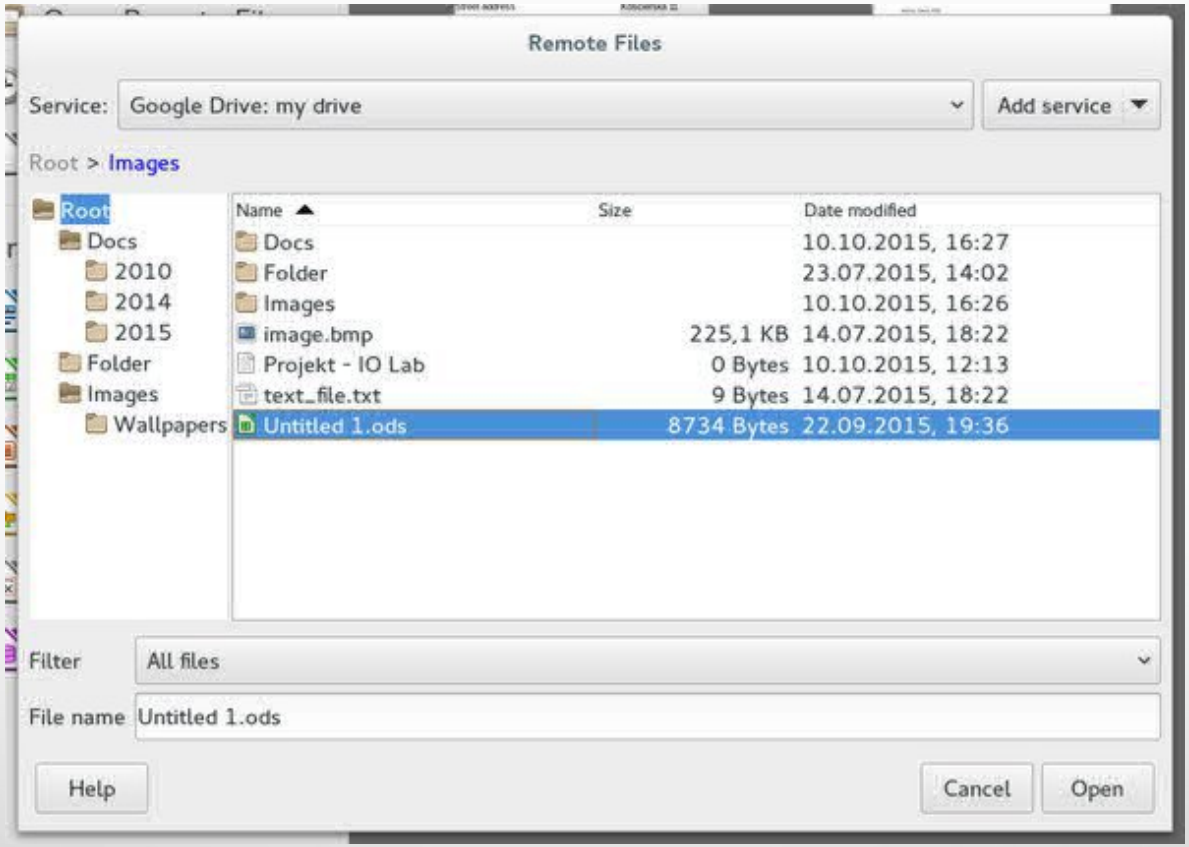




GUI - 3

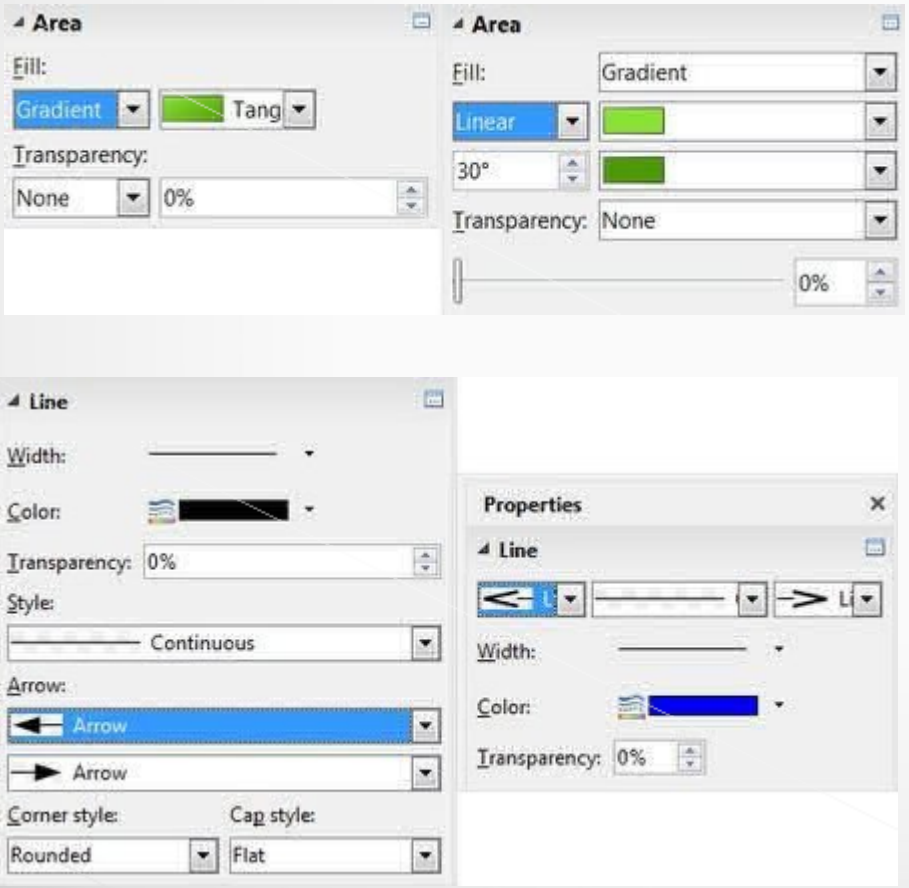
Remote Files Dialog

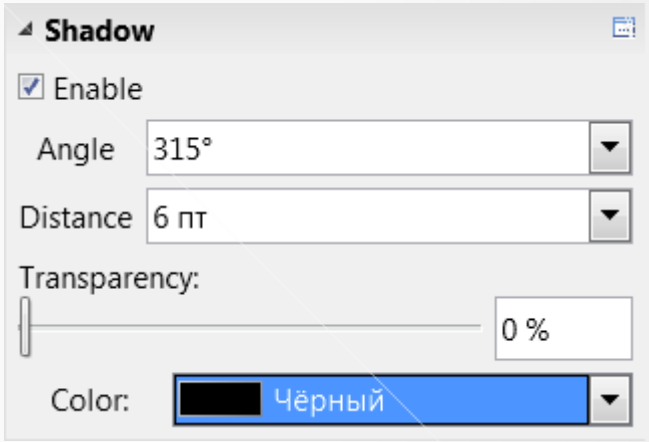
- In Start screen and menu File was added item Open remote files for opening file on remote resources such as Google Drive, OneDrive, SharePoint, etc.
- In menu File was added item Save to remote server for saving file on remote resources such as Google Drive, OneDrive, SharePoint, etc.



GUI - 4

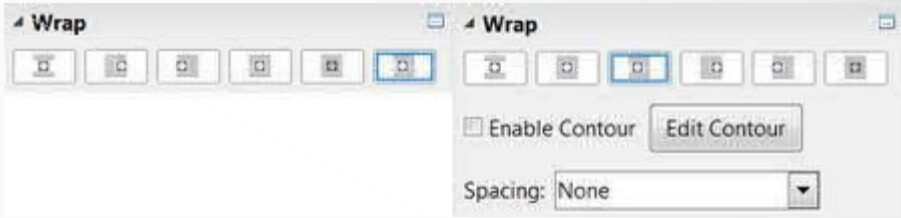
Side Bar: reorganization of the Area, Line and Shadow content (Rishabh Kumar, Yousuf Philips)



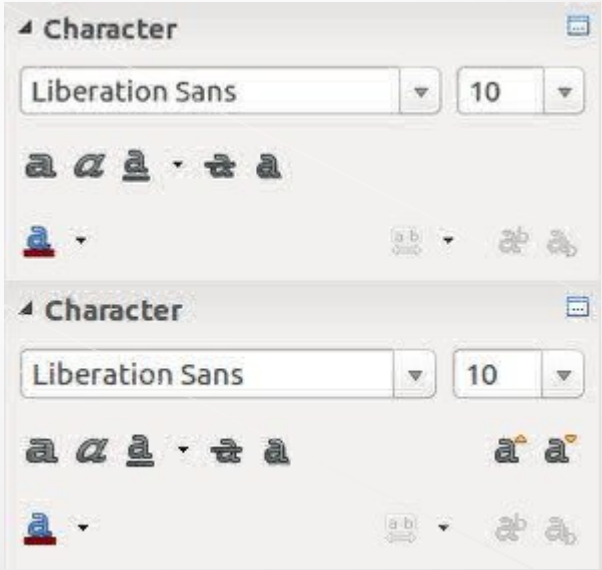


GUI - 5

Addition of new contour and spacing controls to the Wrap content panel in Writer. (Rishabh Kumar, Yousuf Philips)



Increase and decrease font size buttons added to sidebar properties pane in Calc.(Maxim Monastirsky)

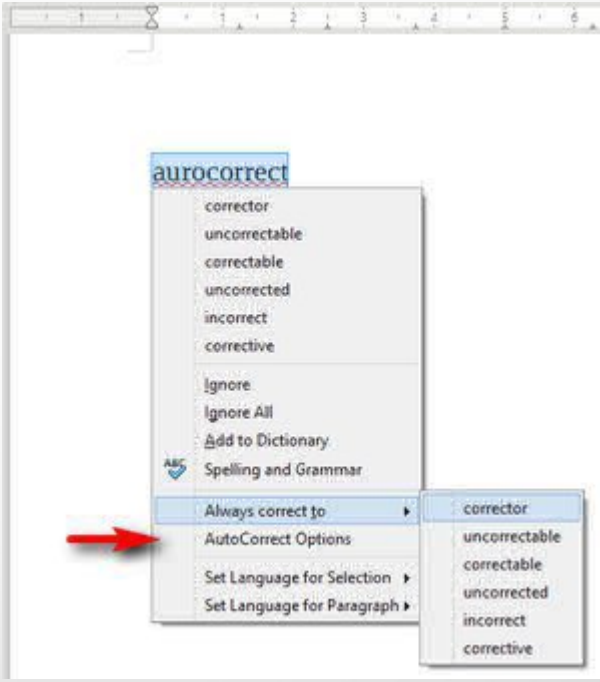


GUI - 6

- Cell reference edge added to alignment section of sidebar in Calc. Rishabh Kumar)
- Cell styles added to properties pane in Calc. (Rishabh Kumar, Yousuf Philips, Maxim Monastirsky)
- Was changed section Slide Transition in Sidebar in Impress.

AutoCorrect context menu

- An "AutoCorrect Options" item has been added in the spell checking context menu. Users can now directly enter the autocorrect replacement table when there's no satisfying suggestion in the "Always correct to" submenu. (Yousuf Philips, Samuel Mehrbrodt [CIB])



GUI - 7

New Chart sidebar (Markus Mohrhard, Yousuf Philips, Heiko Tietze)

本地化

New languages/locales with locale data

Available as default document language and for locale specific formatting!

Added locale data for Arabic [ar-BH] [ar-IQ] [ar-JO] [ar-LY] [ar-MA] [ar-QA] [ar-SY] [ar-YE]. (Ghasan Al-Sakkaf and Eike Rathke)

Improvements to proofing tools and language support

- Proofing tools for German language (de-AT, de-CH, de-DE) have been largely improved:
  - The spell-check dictionary now contains over 250,000 words. The new version adds over 20,000 new words.
  - The thesaurus now contains over 135,000 words in over 35,000 meaning groups. The new version adds ~ 35,000 new words.
  - The hyphenation patterns have been updated and contain an improved exceptional list.
- Updated Slovenian thesaurus
- New Guarani (gug-PY) thesaurus
- Updated Hungarian spell-check dictionary
- Updated Greek spell-check dictionary
- Updated Portuguese (pt-PT) spell-check dictionary

脚本 / Basic

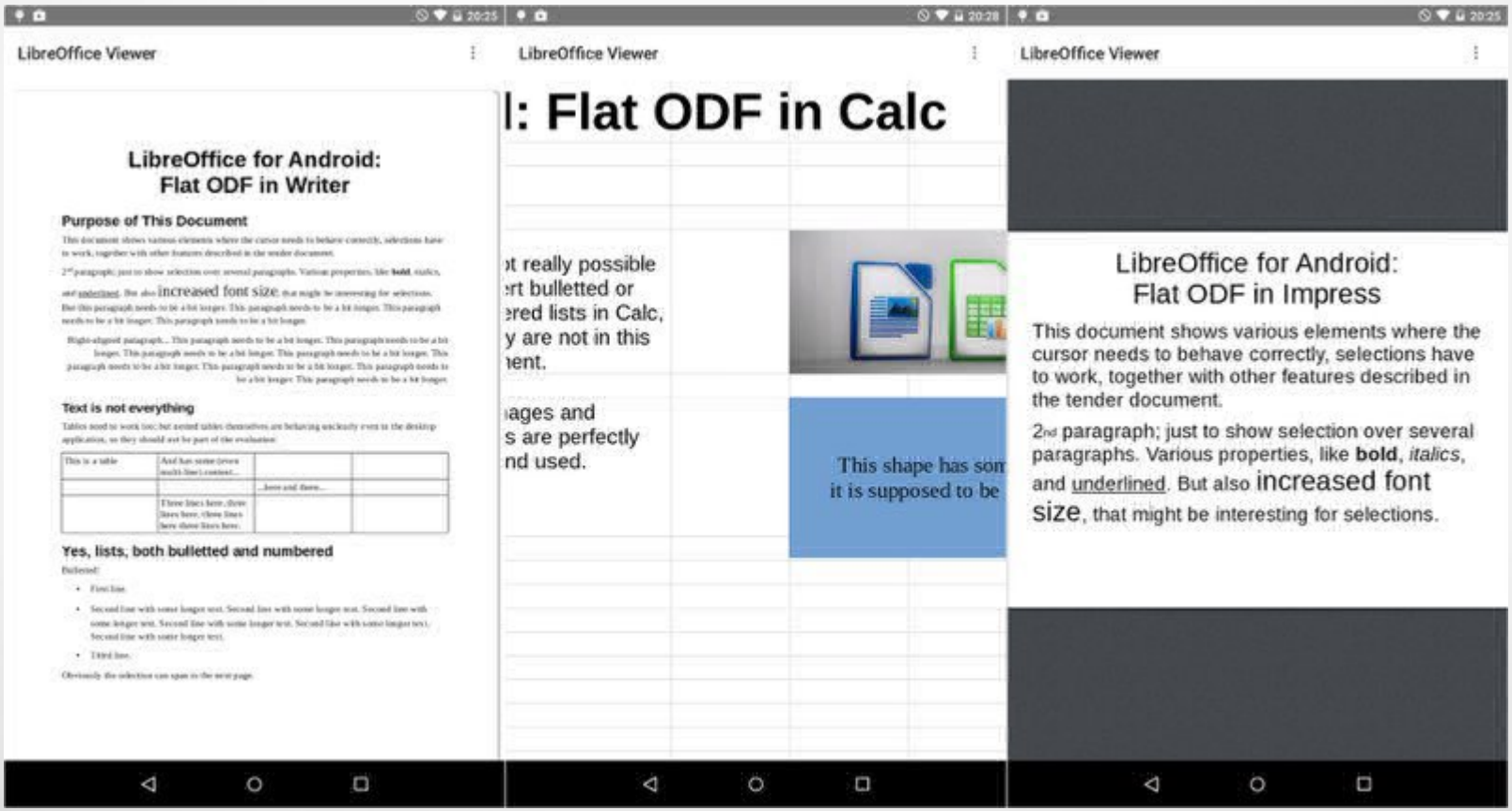
Make PyUNO provide more Pythonic behaviour (Matthew J. Francis)

- Simplifies working with UNO objects by giving the behaviour of Python lists, dicts and iterators to objects which implement UNO container interfaces
- Applies a custom behaviour to allow objects which implement com::sun::star::table::XCellRange to yield cells and cell ranges by subscript
- When UNO container objects are addressed in the new style, eliminates the requirement to manually construct Any objects for contained elements which are typed sequences
- Allows lists and iterators to be passed wherever a UNO method accepts a sequence
- Relaxes the requirements for initialising UNO structs to allow some members to be skipped when all initialisers are passed by name

平台兼容性

Android

加入了 flat ODF 支持 (Miklos Vajna)



谢谢参与！
Questions? Feedback?

下次会议将于 2016 – 04 – 21 召开