

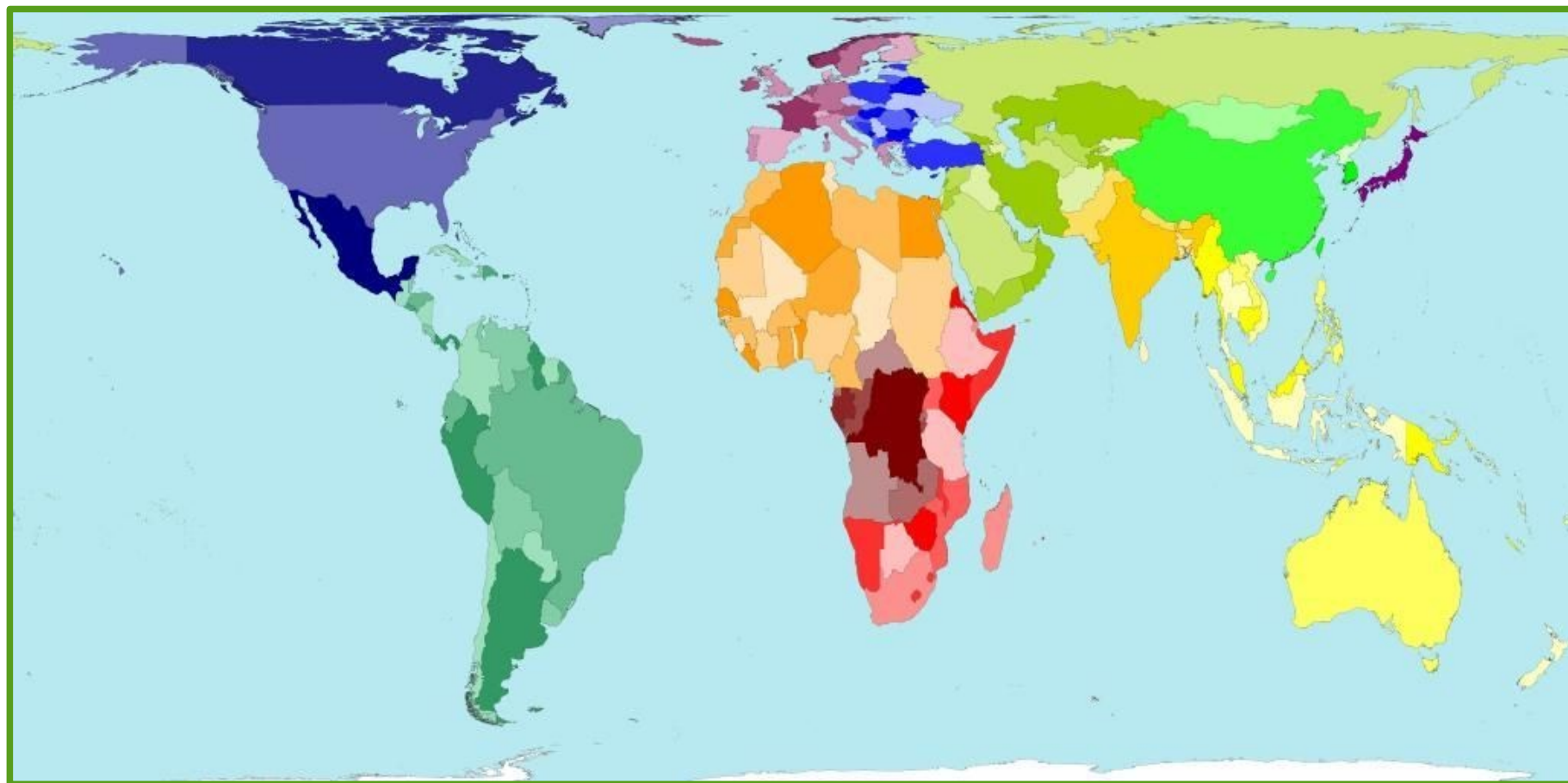


LibreOffice

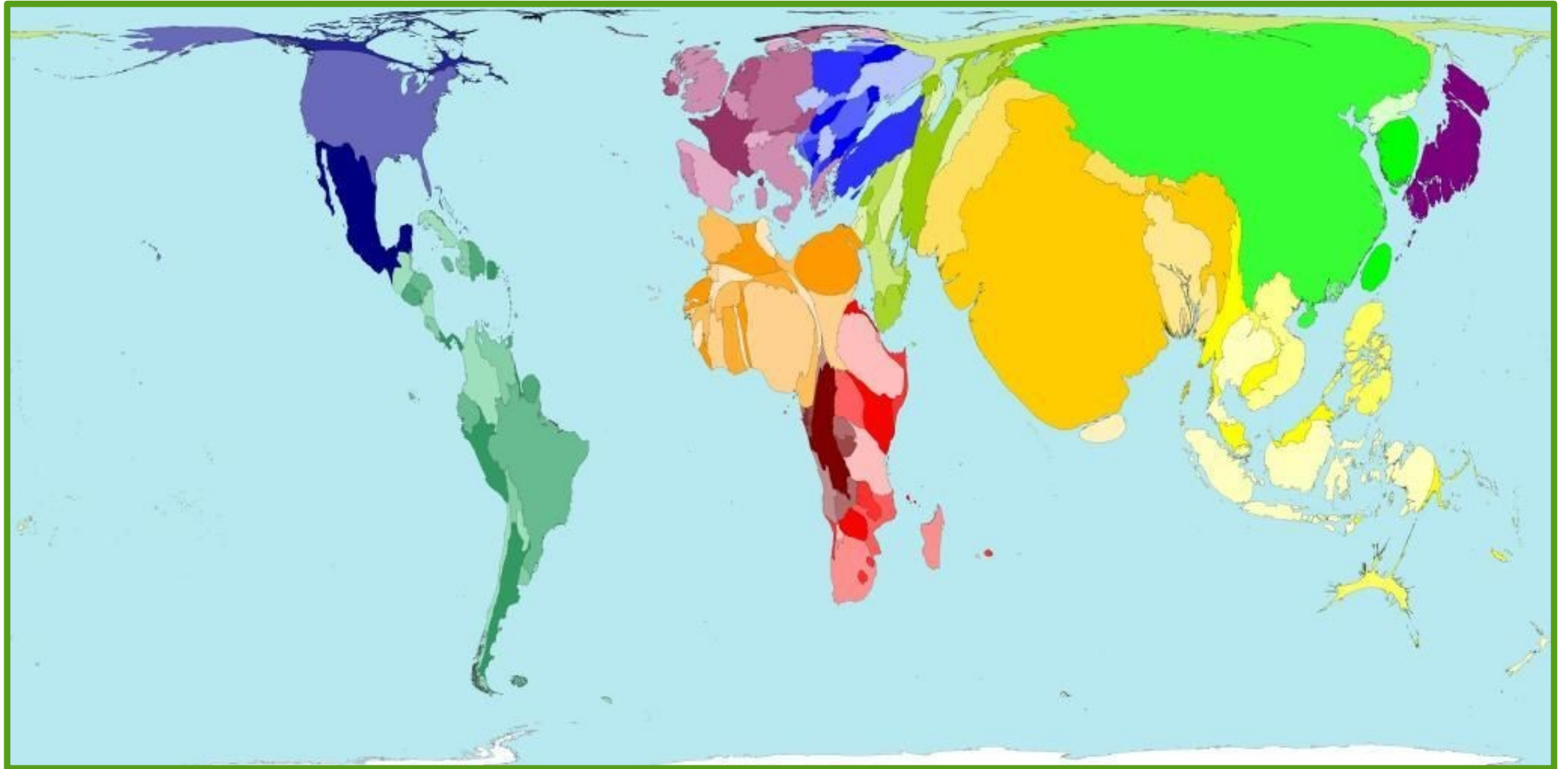
グローバルコミュニティ の多様な側面

Italo Vignoli

面積で表した国

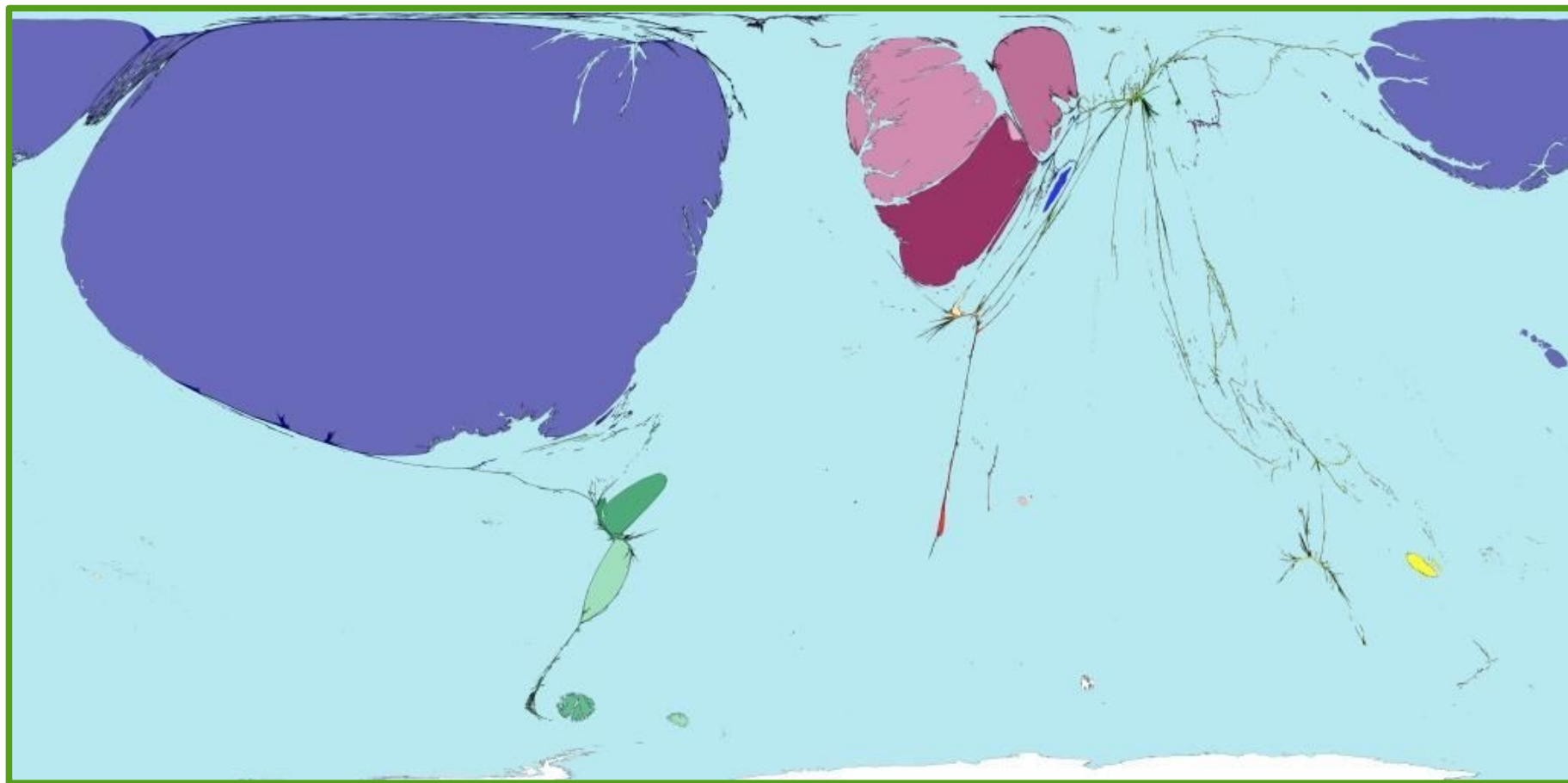


人口で表した国



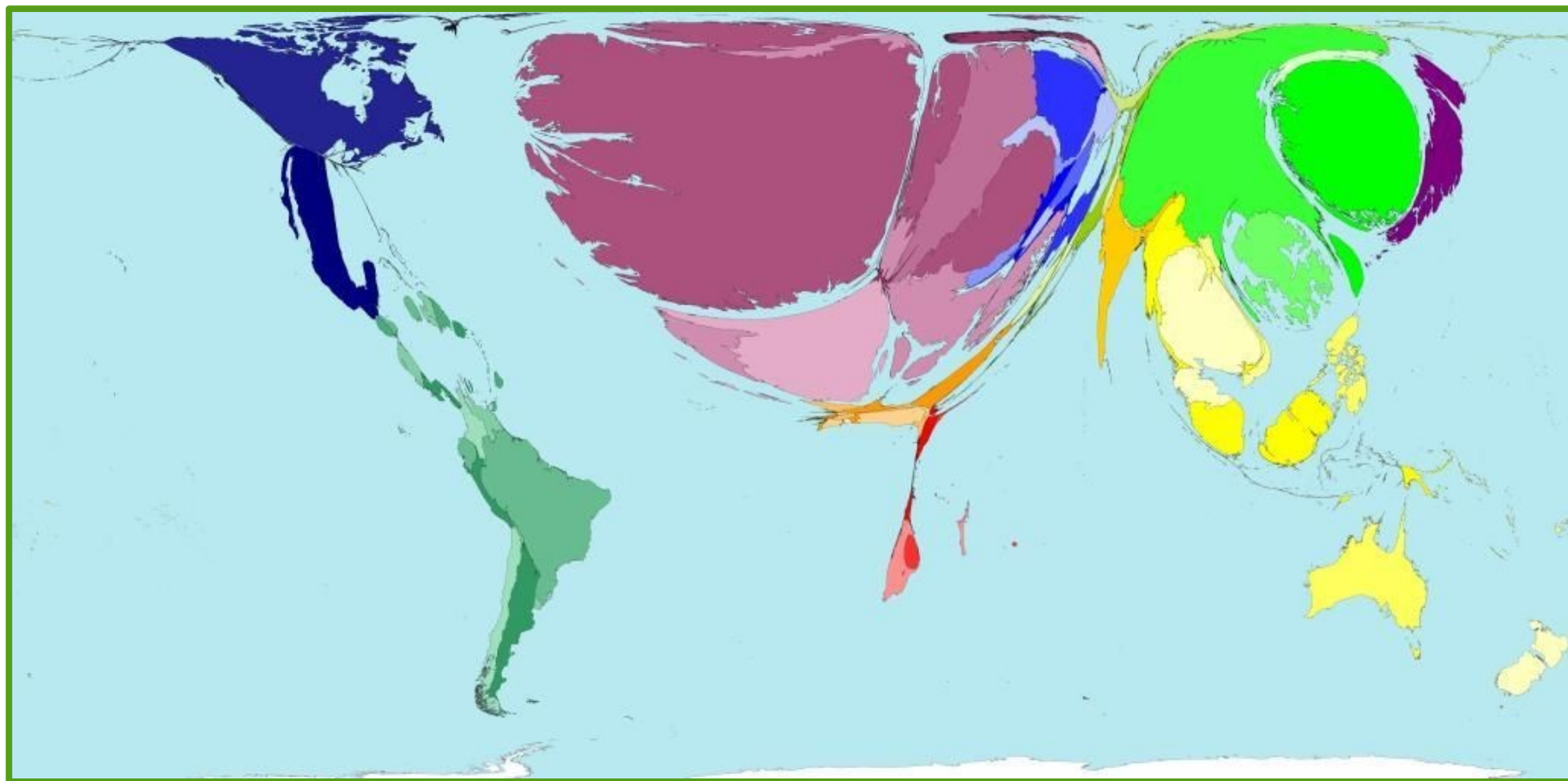


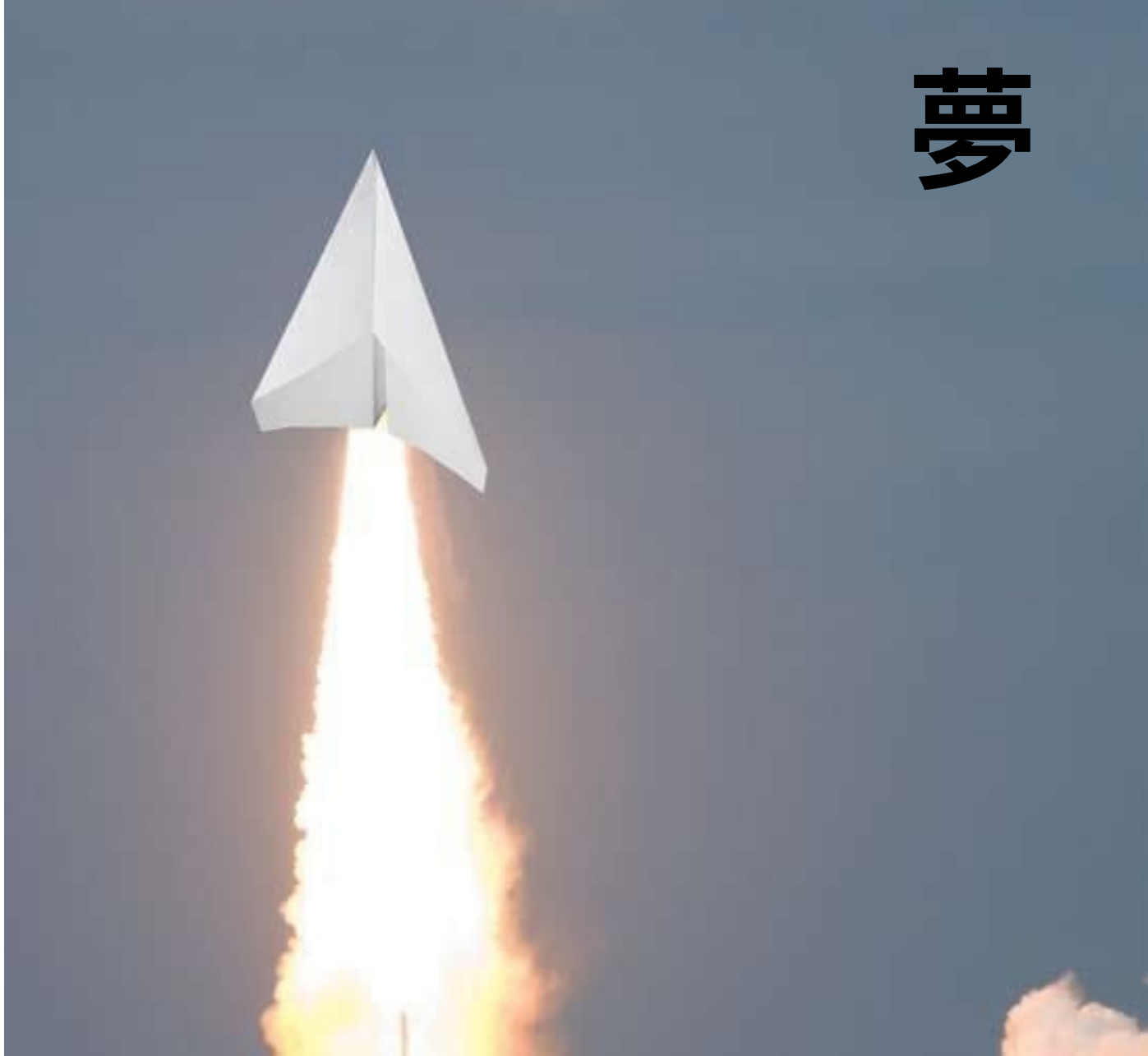
ソフトウェアライセンスの輸出で





ソフトウェアライセンスの輸入で





夢



10年の遺産





OpenOffice の歴史

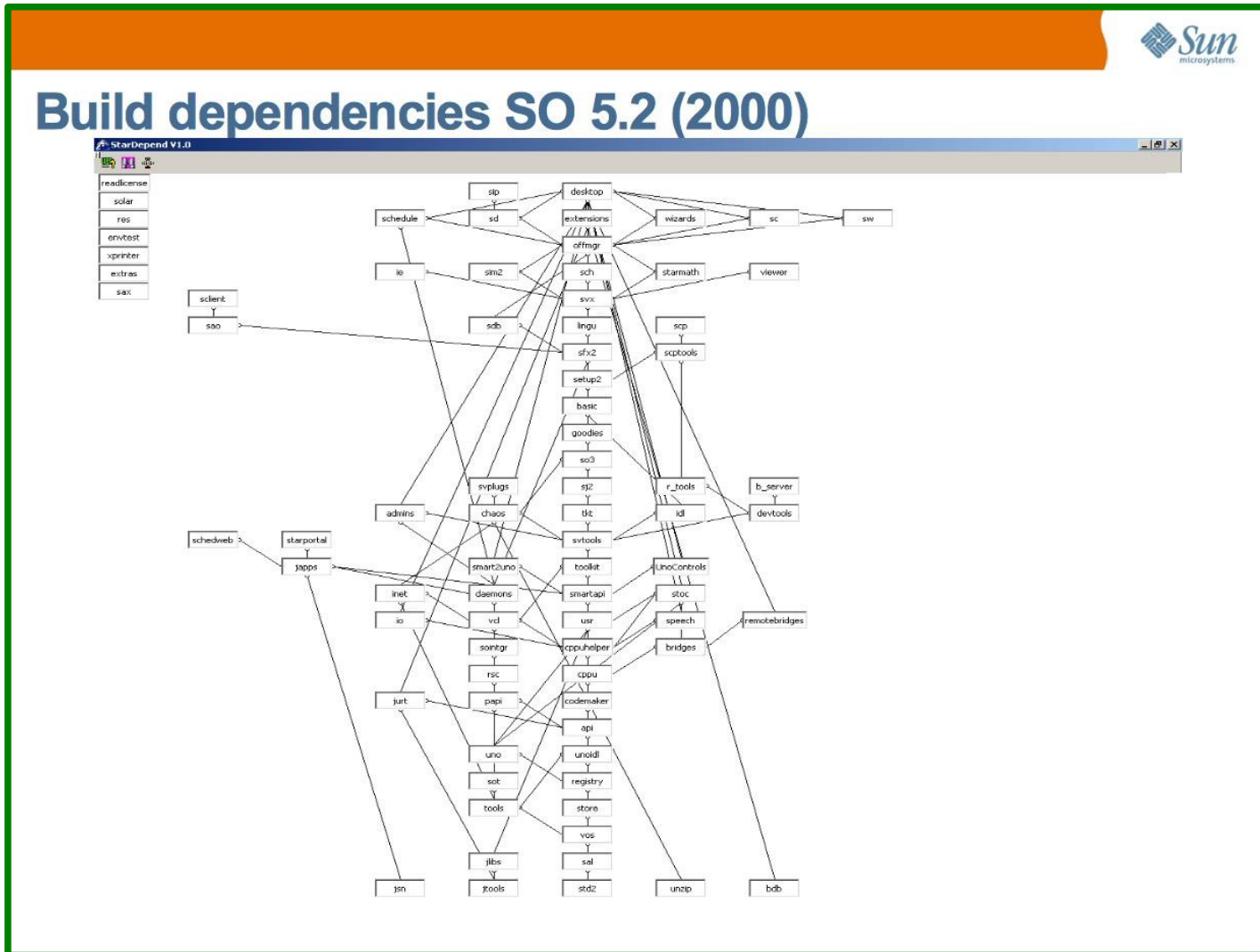
- 1984: 当時 16 歳のマルコ・ボリースがザイログ Z80 搭載 Amstrad CPC および Commodore64 向けに StarWriter をリリース。ついで 8086 ベースの Amstrad PC-1512 に移植
- その後、二つの異なるプログラム - Base と Draw - が加わり、StarWriter は DOS, IBM OS/2, MS Windows 向けの StarOffice 1.0 となる
- StarOffice 3.0 は StarWriter, StarCalc, StarDraw, StarImage, StarChart を提供
- 1999: Sun Microsystems が StarOffice の会社、著作権、商標を買収



OpenOffice の歴史

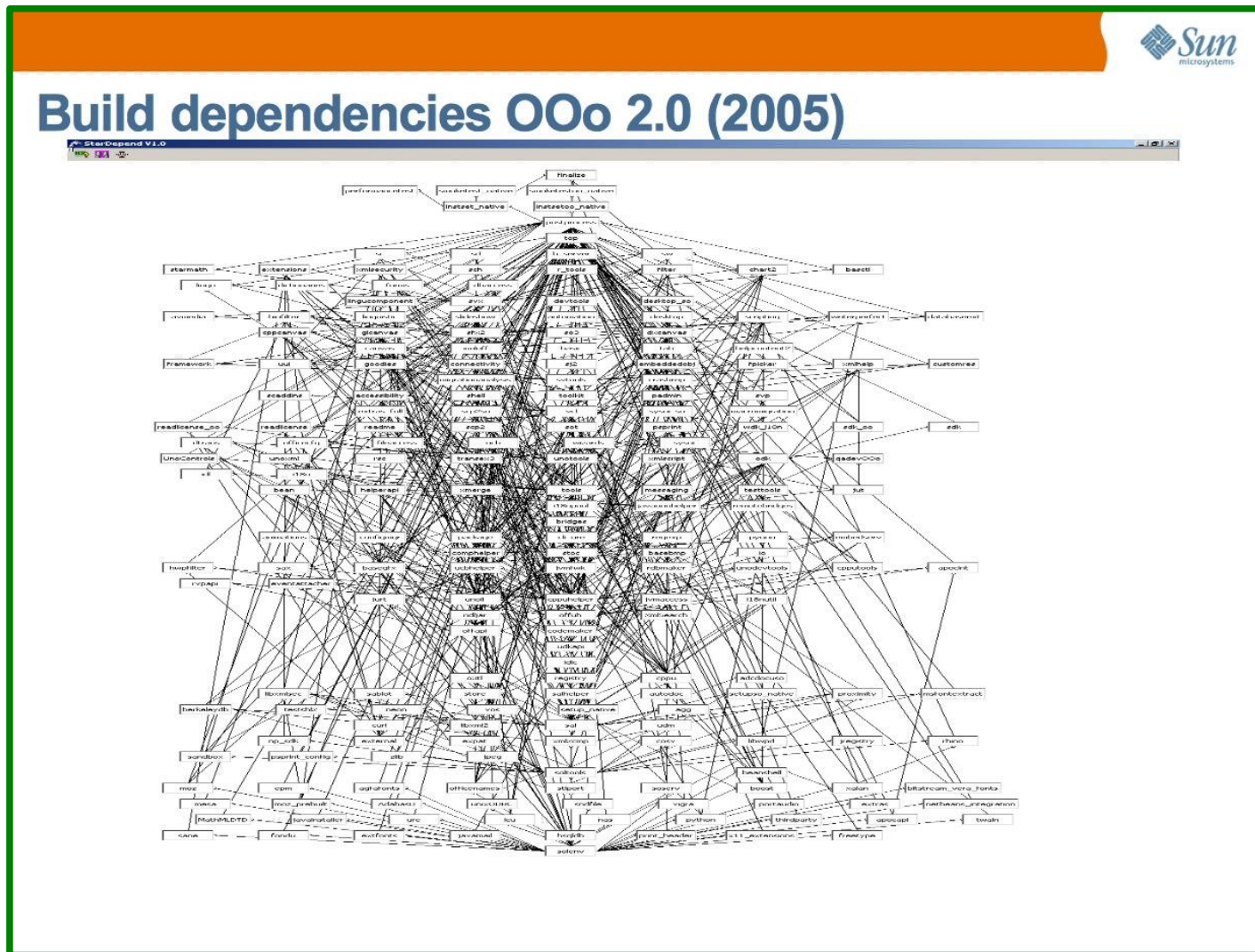
- 2000/7/19: Sun は OSS 開発コミュニティを構築し、MS Office のフリーでオープンな代替品を提供することを目的とし、StarOffice のソースコードをリリース
- 2012/5/1: OpenOffice.org 1.0 、 GNU LGPL と SISSL (Sun Industry Standard SW License) のデュアルライセンスでリリース
- 2005/10/20: OpenOffice 2.0 LGPL 単独ライセンスでリリース
- 2008/10: OpenOffice 3.0 リリース

2000, スリムだった OOo





2005, デブってしまった OoO



OOo Conference Lyon 2006



from M. Bemmer presentation at Lyon Conference 2006



Community building

- Build environment improvements (Kai Backman from Google, Volker Quetschke and Novell involved)
- Reduction of Code Complexity
- Mentoring in the Google Summer of Code
- Further improvement of patch handling
- More transparency
 - > Updating current project sites
 - > Wiki
 - > Group blog
- Online trainings, hands-ons for different skill levels
- Mentoring newbies

これは
LIBREOFFICE
で達成された

2009: Oracle, Sun を買収



Press Room

- Press Release
- Board of Directors
- Executives
- Spokespeople
- Media Kits
- Public Relations Contacts
- Asia Pacific Media Center
- Europe, Middle East, and Africa Media Center
- Japan Media Center
- Latin America Newroom

Oracle Press Release

Oracle Buys Sun

Redwood Shores, CA - April 20, 2009

Oracle Corporation (NASDAQ: ORCL) and Sun Microsystems (NASDAQ: JAVA) announced today they have entered into a definitive agreement under which Oracle will acquire Sun common stock for \$9.50 per share in cash. The transaction is valued at approximately \$7.4 billion, or \$5.6 billion net of Sun's cash and debt. "We expect this acquisition to be accretive to Oracle's earnings by at least 15 cents on a non-GAAP basis in the first full year after closing. We estimate that the acquired business will contribute over \$1.5 billion to Oracle's non-GAAP operating profit in the first year, increasing to over \$2 billion in the second year. This would make the Sun acquisition more profitable in per share contribution in the first year than we had planned for the acquisitions of BEA, PeopleSoft and Siebel combined," said Oracle President Safra Catz.

"The acquisition of Sun transforms the IT industry, combining best-in-class enterprise software and mission-critical computing systems," said Oracle CEO Larry Ellison. "Oracle will be the only company that can engineer an integrated system – applications to disk – where all the pieces fit and work together so customers do not have to do it themselves. Our customers benefit as their systems integration costs go down while system performance, reliability and security go up."

There are substantial long-term strategic customer advantages to Oracle owning two key Sun software assets: Java and Solaris. Java is one of the computer industry's best-known brands and most widely deployed technologies, and it is the most important software Oracle has ever acquired. Oracle Fusion Middleware, Oracle's fastest growing business, is built on top of Sun's Java language and software. Oracle can now ensure continued innovation and investment in Java technology for the benefit of customers and the Java community.

The Sun Solaris operating system is the leading platform for the Oracle database, Oracle's largest business, and has been for a long time. With the acquisition of Sun, Oracle can optimize the Oracle database for some of the unique, high-end features of Solaris. Oracle is as committed as ever to Linux and other open platforms and will continue to support and enhance our strong industry partnerships.

Oracle 1-800-633-0738

- Oracle Media Relations
- Global contacts

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Newsletters



イノベーションの再始動

フォーク（分岐）の視覚的表現

コミュニティはイノベーションの再始動に舵を切り、強固なエコシステムに裏打ちされた自己継続可能なプロジェクトを作ることにした



LibreOffice

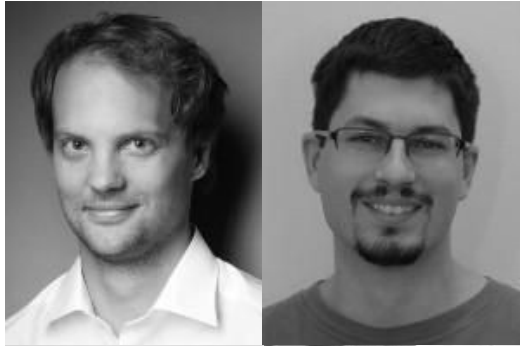
today

OpenOffice

Sun とコミュニティによる 10 年もの継続的な成長後の、Oracle によるプロジェクト打ち切りのリスク



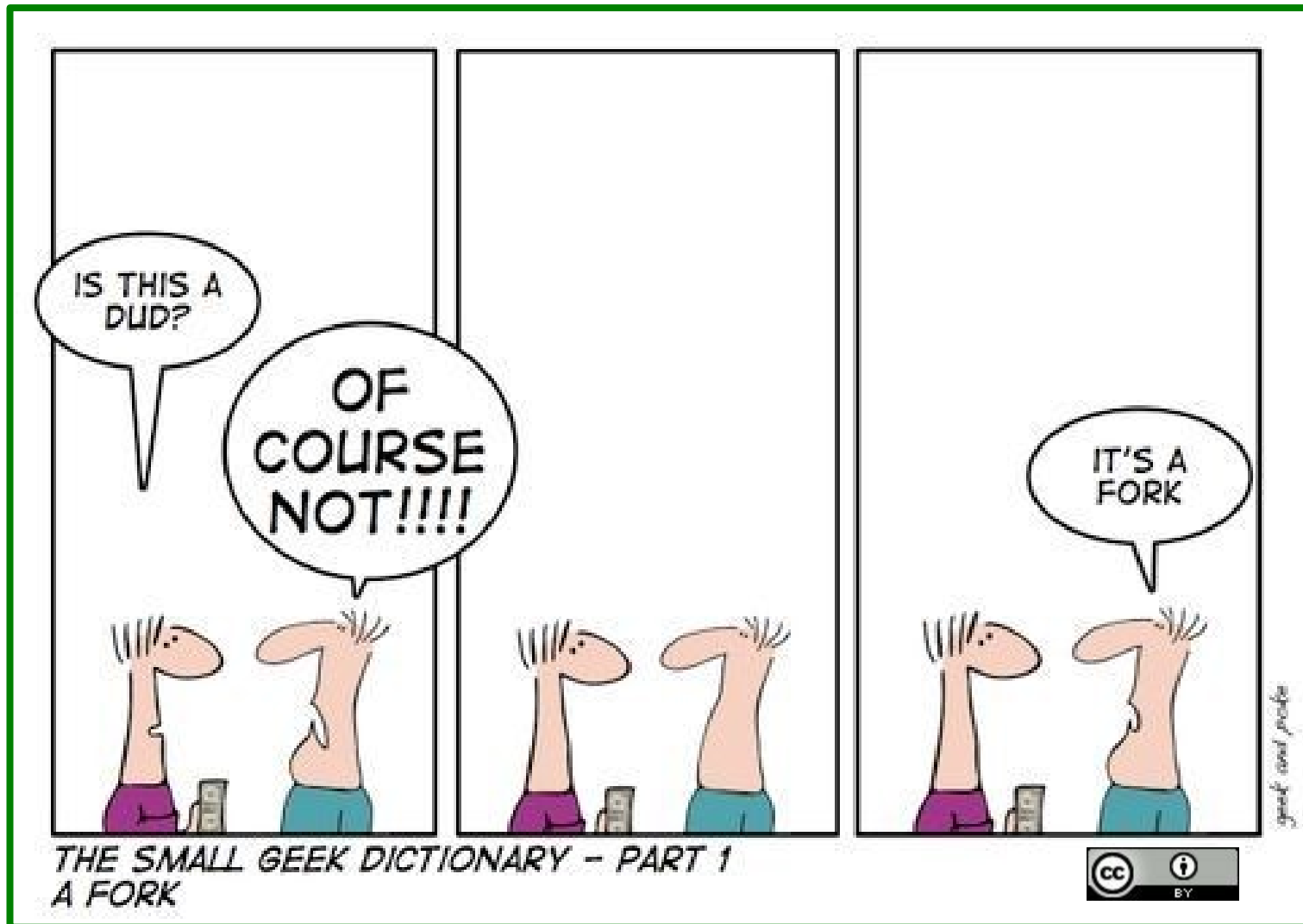
最初の晚餐



ブタペスト, 2010/9/2



2010年9月28日



翻訳者注: すみませんあきらめました



2010年9月28日

**OpenOffice.org コミュニティ、
The Document Foundation を告知**

**OpenOffice.org を開発、啓蒙してきたボランティア
のコミュニティは、このプロジェクトのさら
なる成長のため独立した財団の設立を行う**

**このソフトウェアを前進するため、
ブランド「 LibreOffice 」が選ばれた**



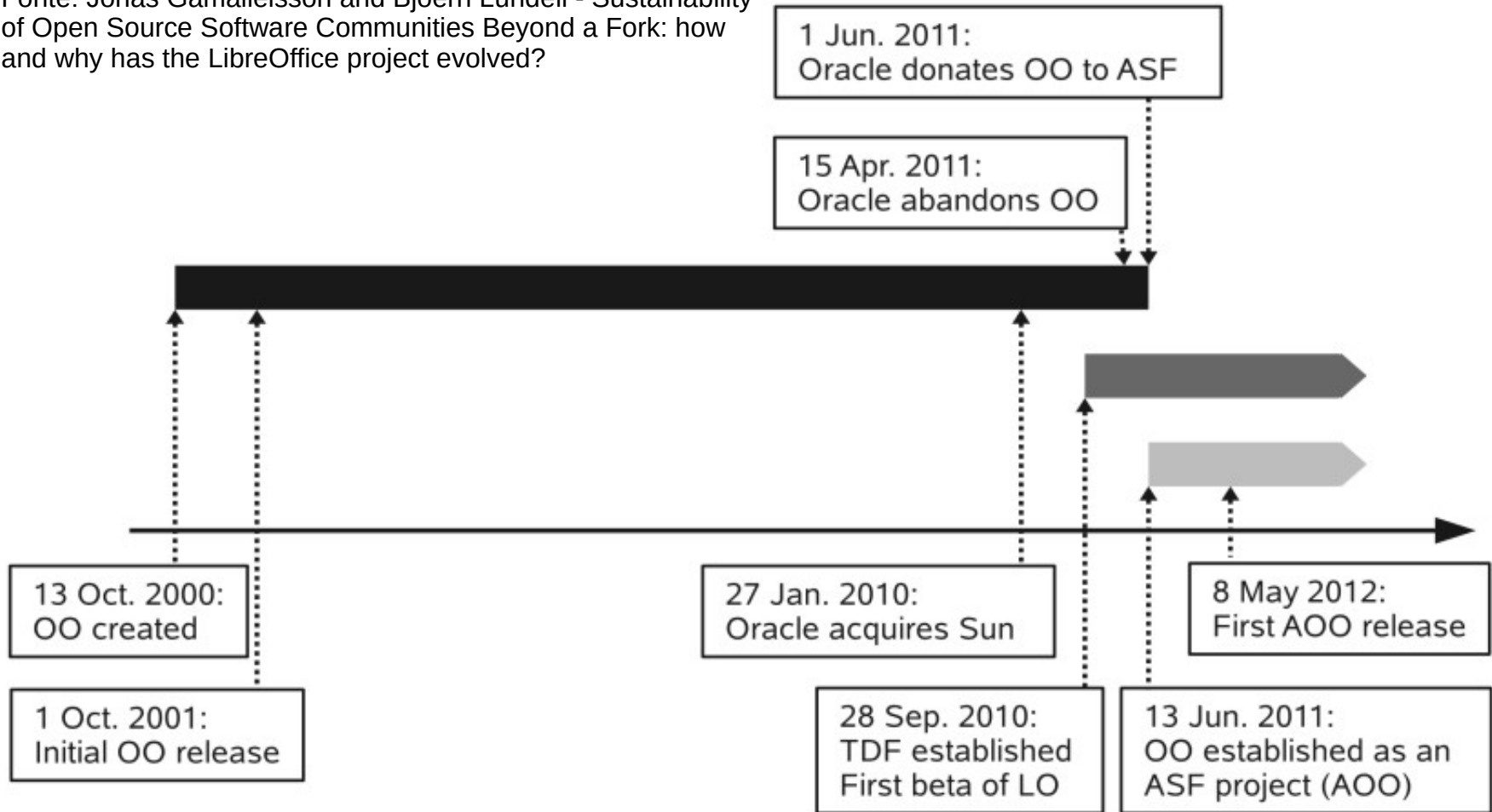
LibreOffice 2020



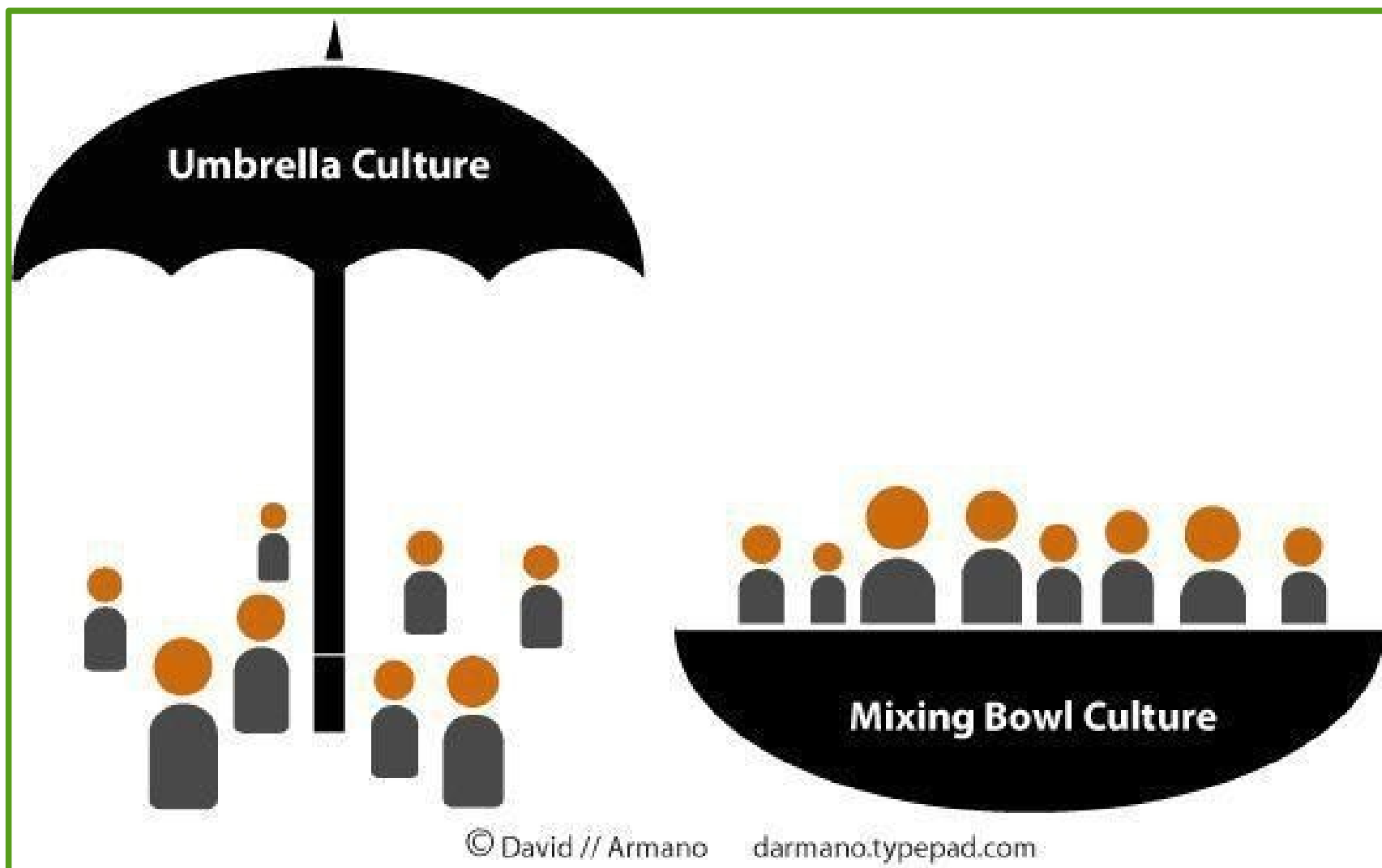
旅はまだ始まったばかり

OpenOffice のフォーク

Fonte: Jonas Gamalielsson and Bjoern Lundell - Sustainability of Open Source Software Communities Beyond a Fork: how and why has the LibreOffice project evolved?



パラダイムの逆転





The Document Foundation

The screenshot shows the homepage of The Document Foundation. At the top left is the logo, a document icon with a green arrow pointing down. To its right is the text "The Document Foundation" in a large, bold, black font. Further right, in a smaller green font, is the tagline "The home of LibreOffice". Below this is a horizontal navigation menu with seven items: "Welcome" (highlighted with a green background), "Foundation", "Develop", "Contribute", "Certification", "Supporters", and "Contact".

The main content area is titled "Welcome" in a green font. It features a list of five bullet points, each with a blue triangle icon:

- It is an independent self-governing meritocratic entity, created by former leading members of the OpenOffice.org Community, in the form of a charitable Foundation under German law (gemeinnützige rechtsfähige Stiftung des bürgerlichen Rechts).
- It continues to build on the foundation of ten years' dedicated work by the OpenOffice.org Community.
- It was created in the belief that the culture born of an independent Foundation brings out the best in contributors and will deliver the best software for users.
- It is open to any individual who agrees with our core values and contributes to our activities.
- It welcomes corporate participation, e.g. by sponsoring individuals to work as equals alongside other contributors in the community.

At the bottom of the main content area, a paragraph states: "The Document Foundation is proud to be the home of LibreOffice, the next evolution of the world's leading free office suite."

On the right side of the page, there is a vertical stack of five rectangular buttons with a light gray background and a subtle pattern of small triangles on the left and right sides:

- The top button features a document icon with a green arrow and the text "Download LibreOffice".
- The second button has the text "Understand the reasons for The Document Foundation".
- The third button has the text "Get involved by subscribing, showing support or donating".
- The fourth button has the text "Get press material or contact spokes people".
- The bottom button has the text "Read what supporters of The Document Foundation say".

The Document Foundation



創立の原則

コピーレフトライセンス

貢献者同意書なし

成果主義

コミュニティ ガバナンス

ベンダー独立

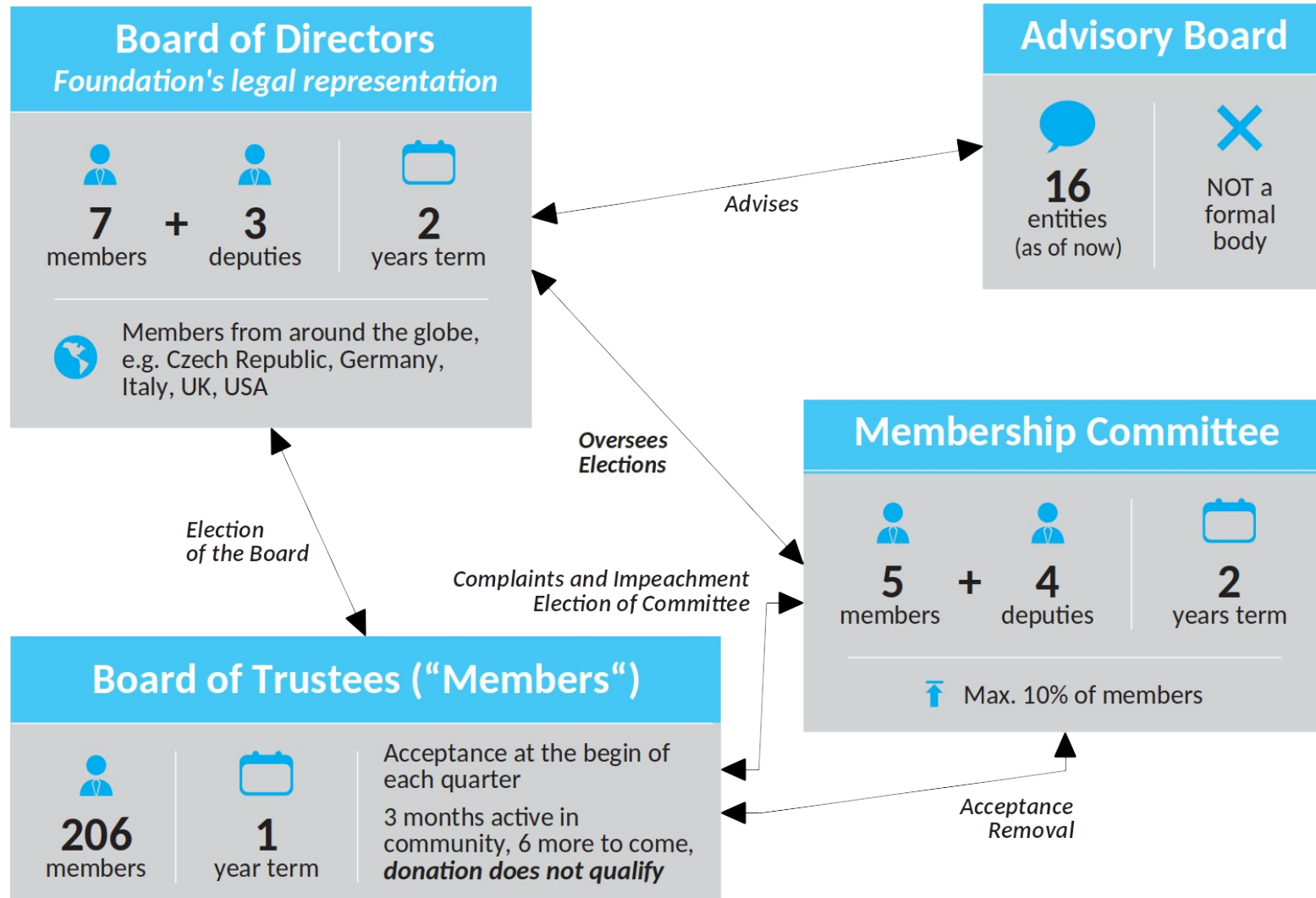
The Document Foundation



The Document Foundation は
フリーソフトウェアを啓蒙し
ソフトウェア利用者の自由を啓蒙し
ドキュメントの自由を啓蒙し
オープンな標準を啓蒙し
LibreOffice を開発する
ために生まれた

The Document Foundation

TDF IS BASED ON THE PRINCIPLE OF MERITOCRACY

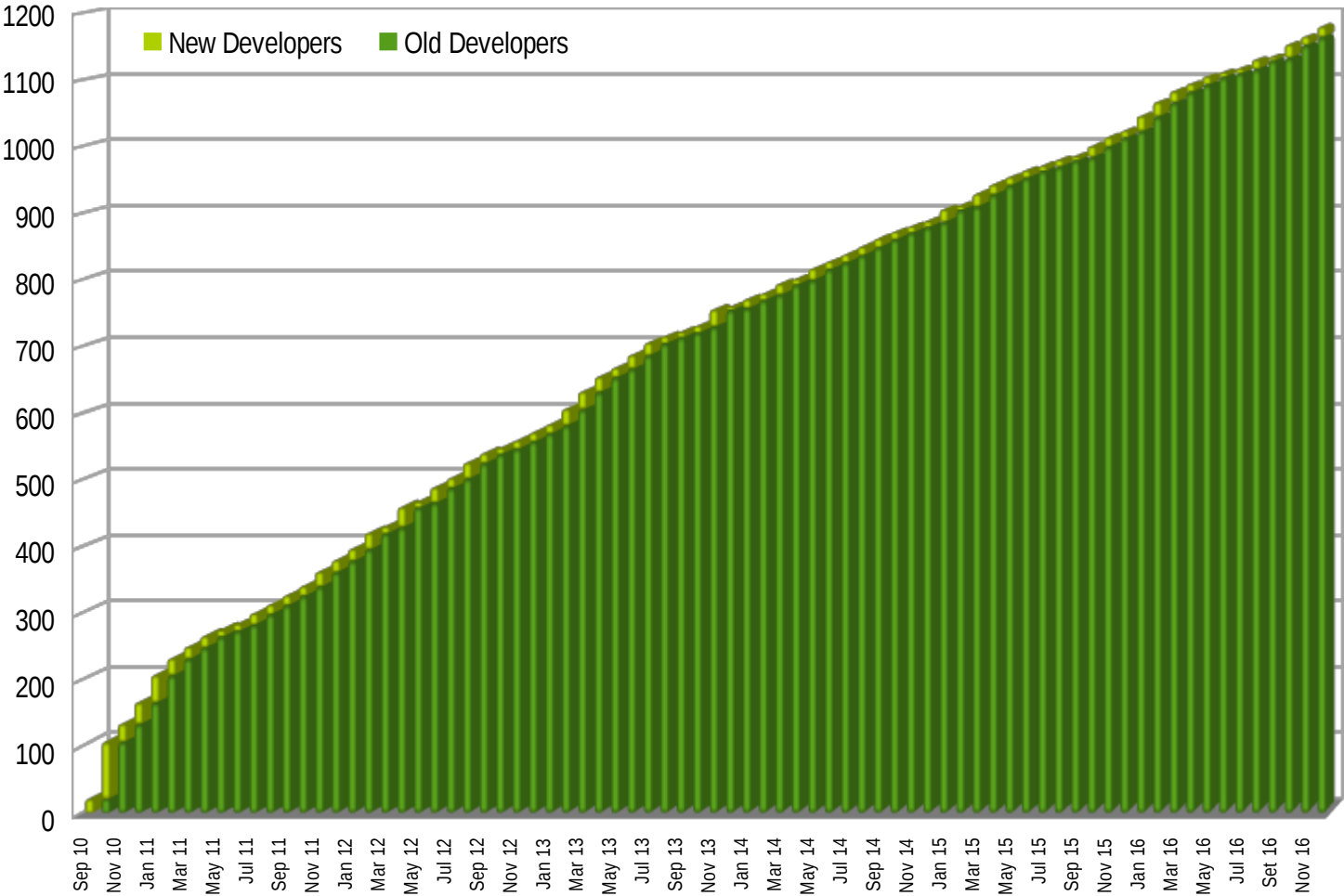


LibreOffice の主な財産



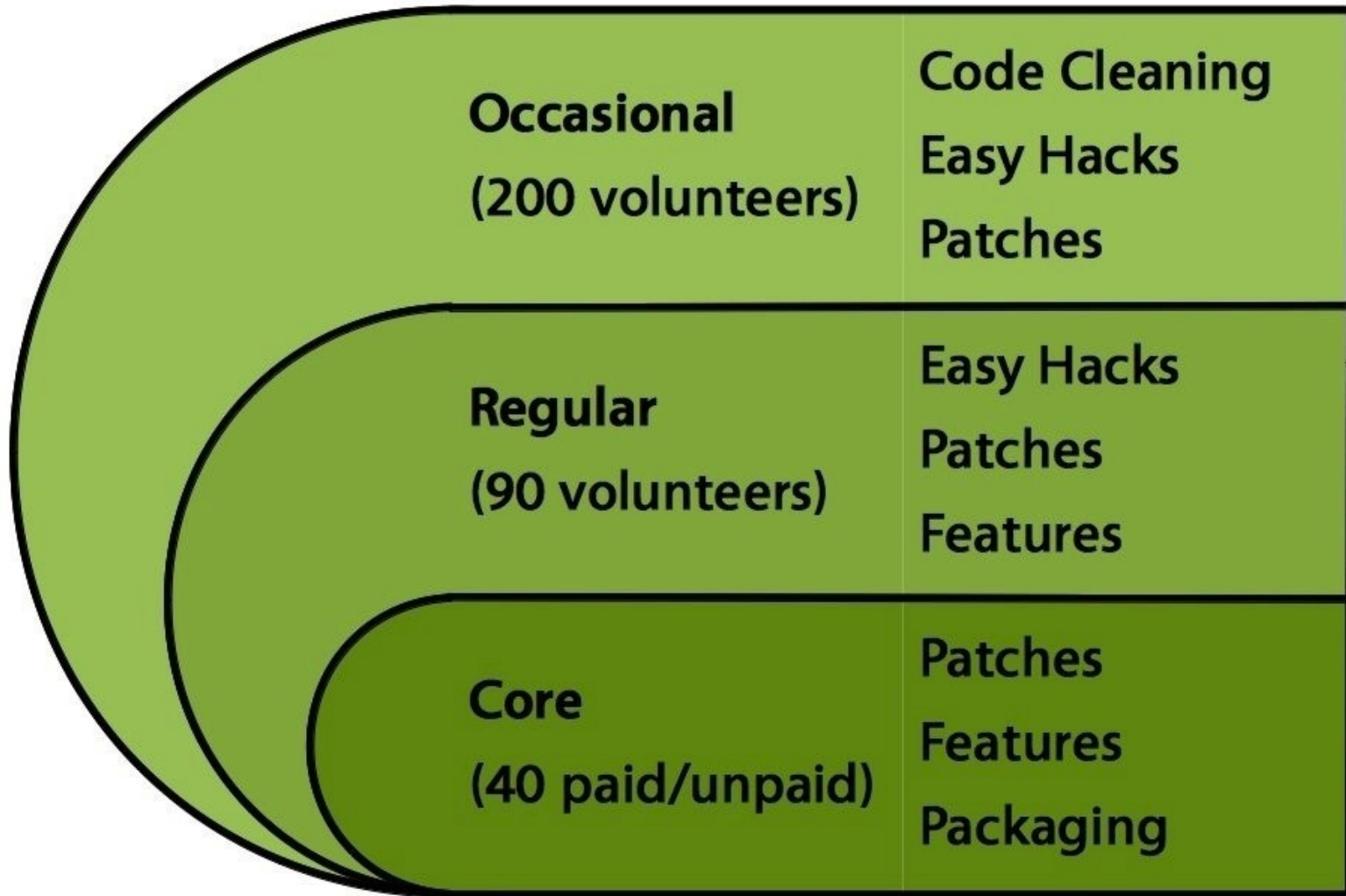


Serial Growth of LibreOffice Developers

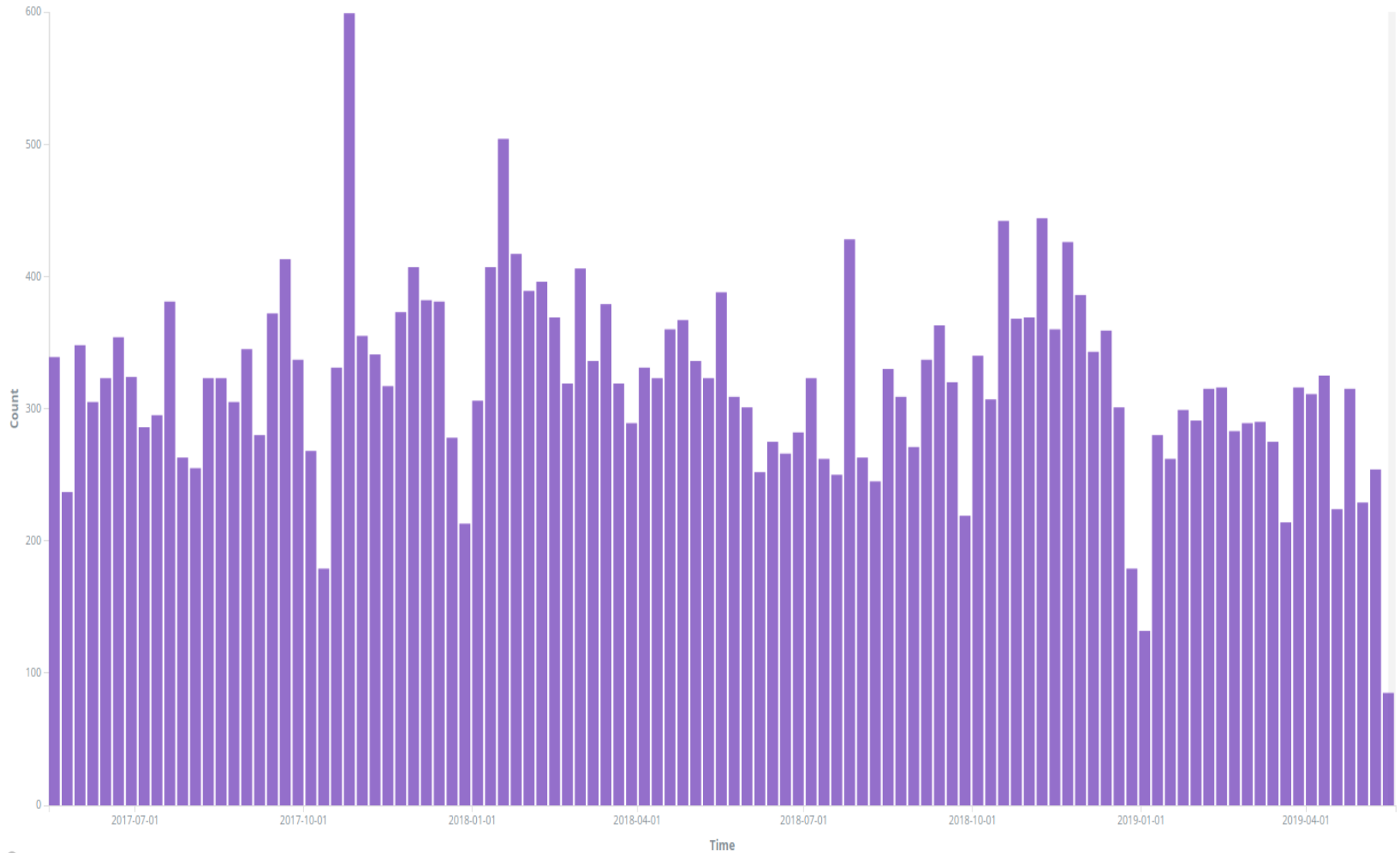




LibreOffice Code Contributors

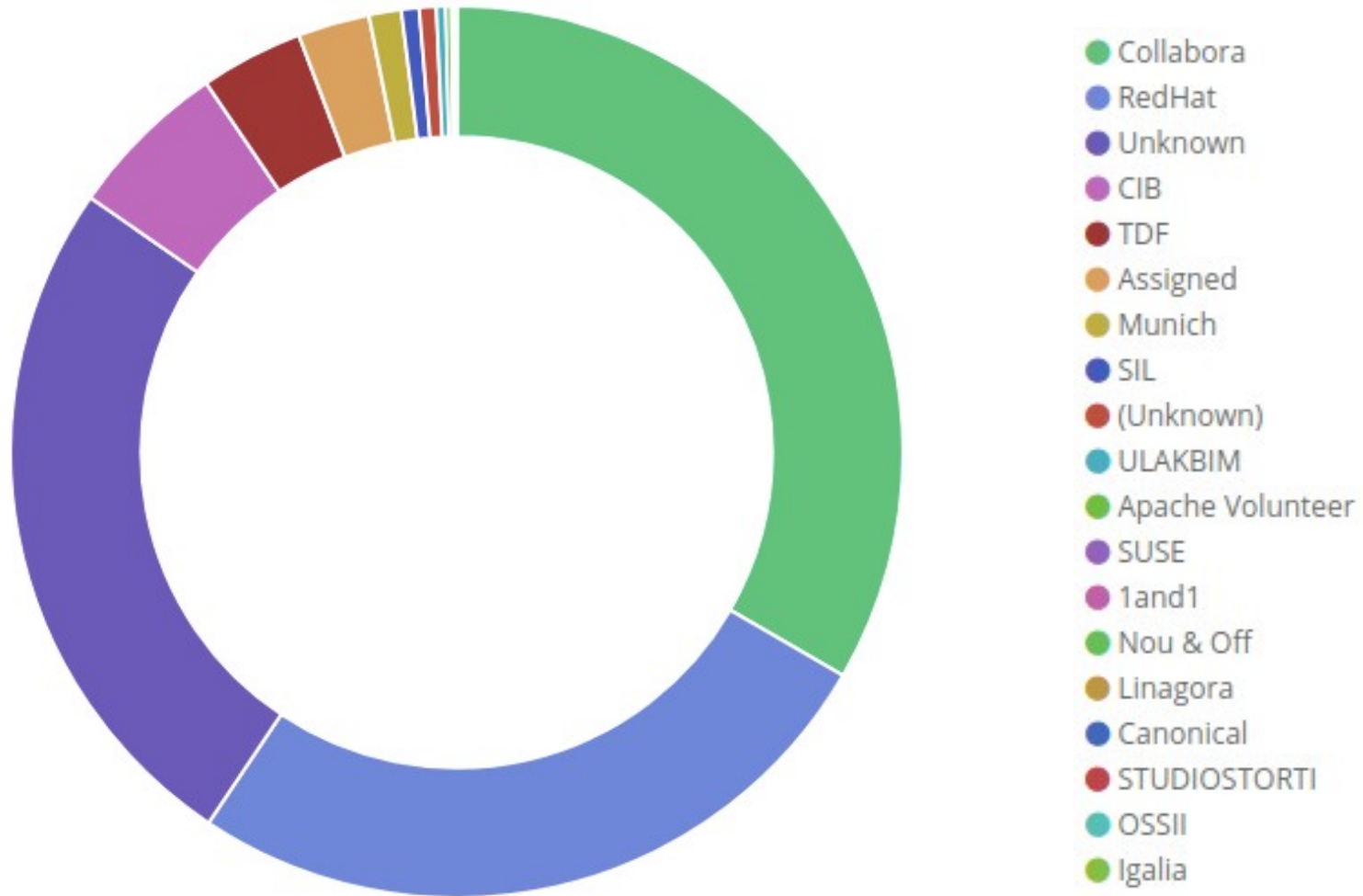


Git Commits in 2019 YTD



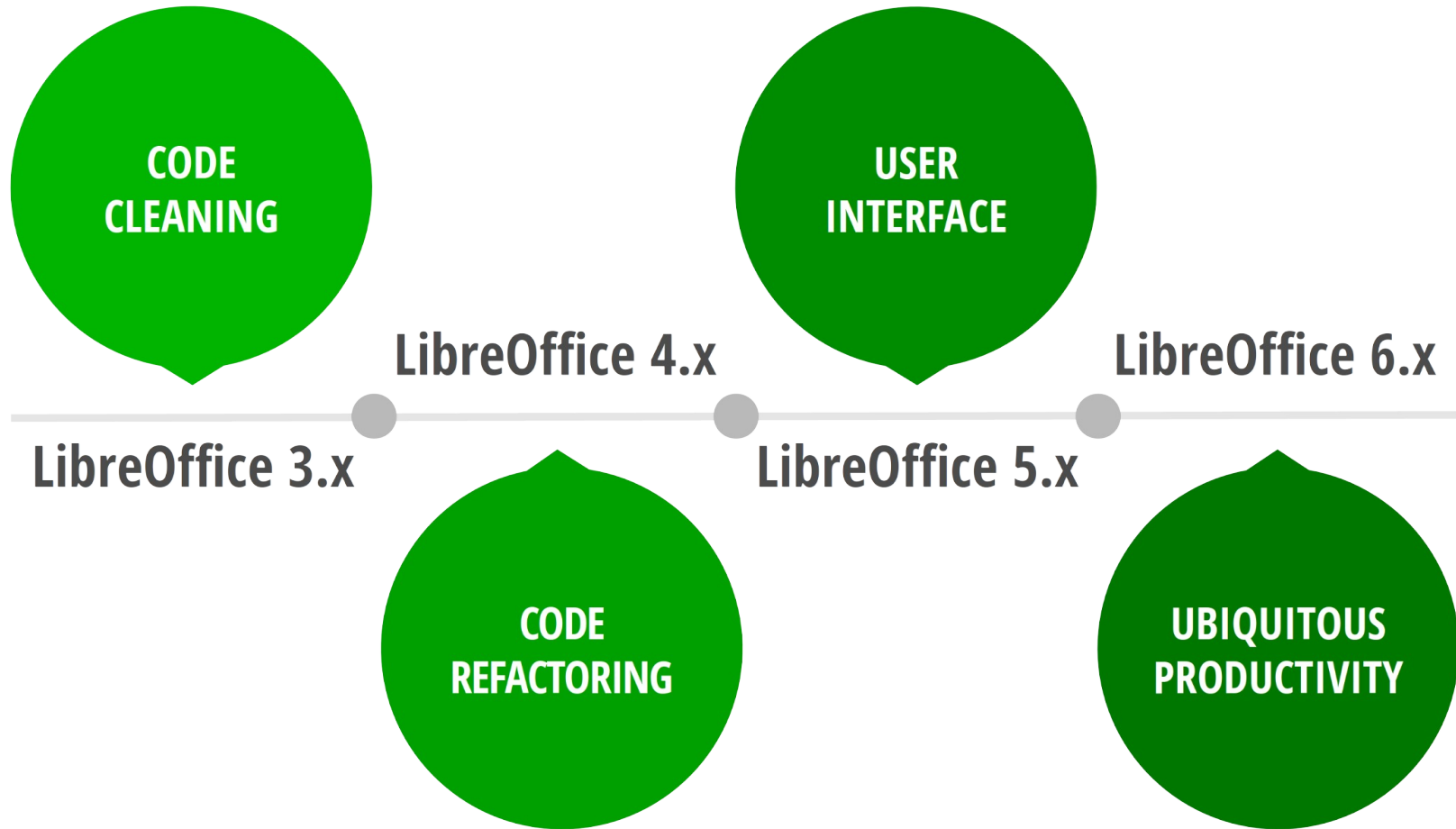
Contributions by Orgs 2019 YTD

Source: TDF Dashboard





Development Cycles





Coverity Scan

DEFECTS WE FIND INCLUDE



Crashes



Security
Vulnerabilities



Concurrency



Memory
Corruption



Uninitialized
memory

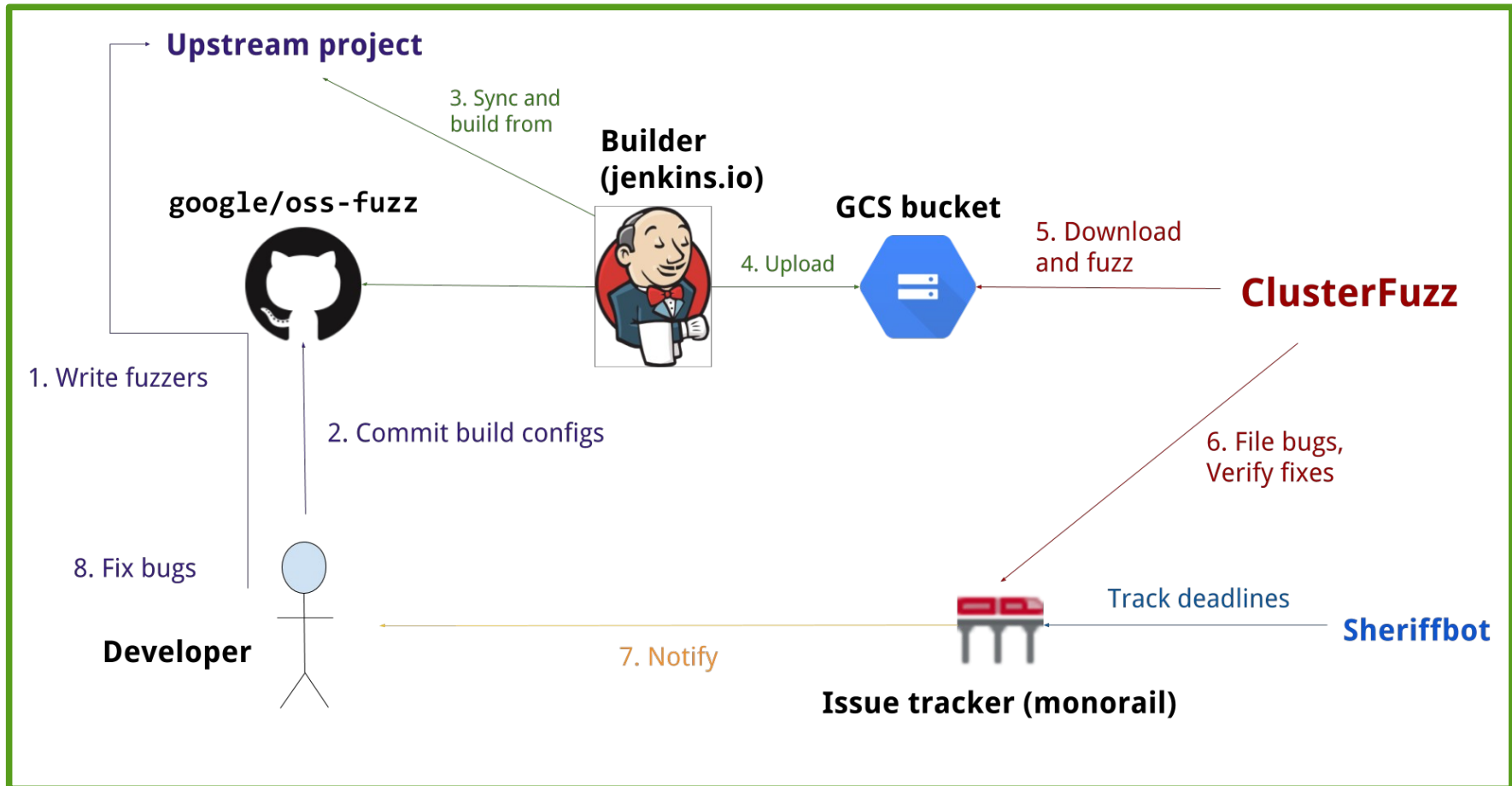


Error handling



Resource leaks

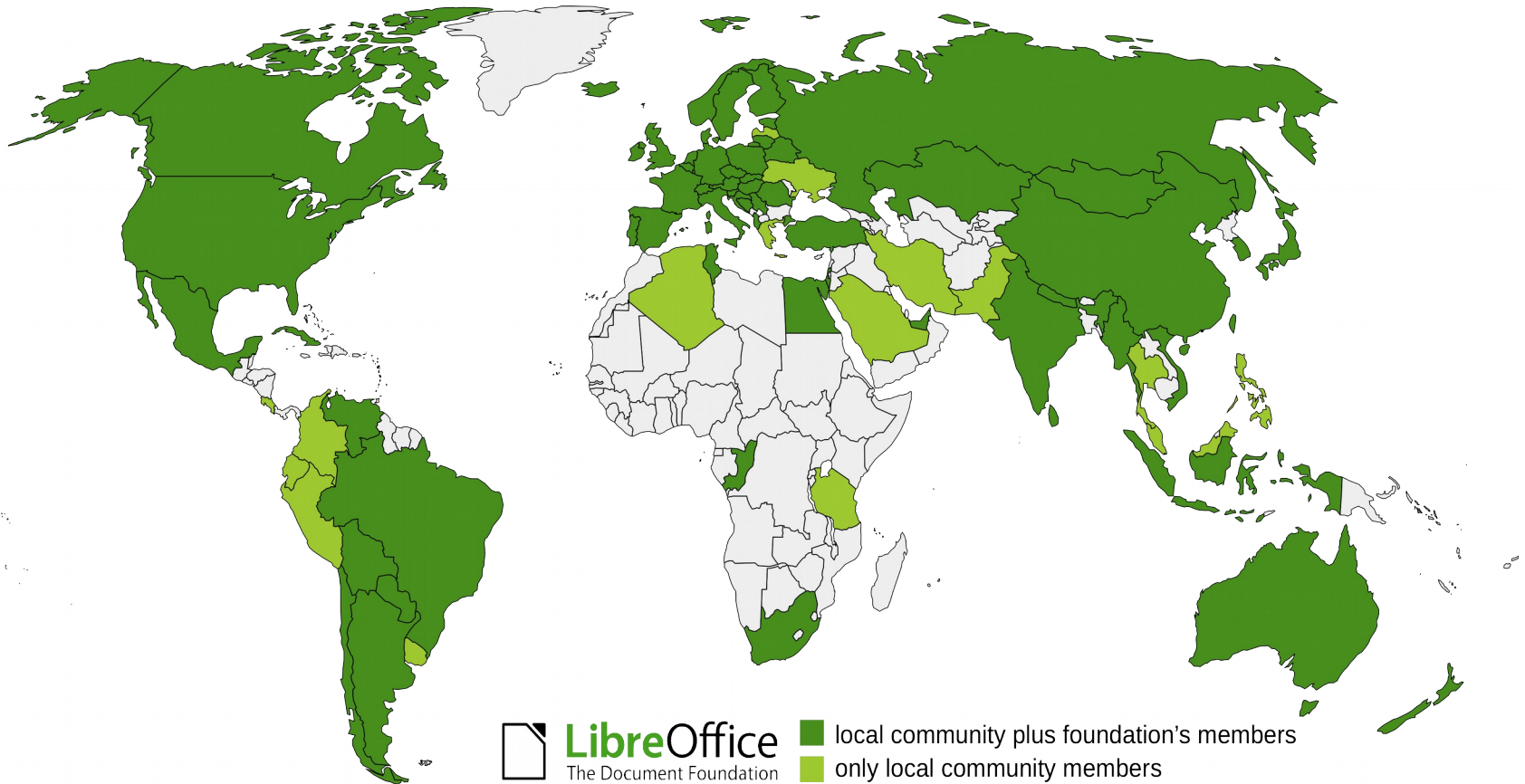
Google's OSS-Fuzz





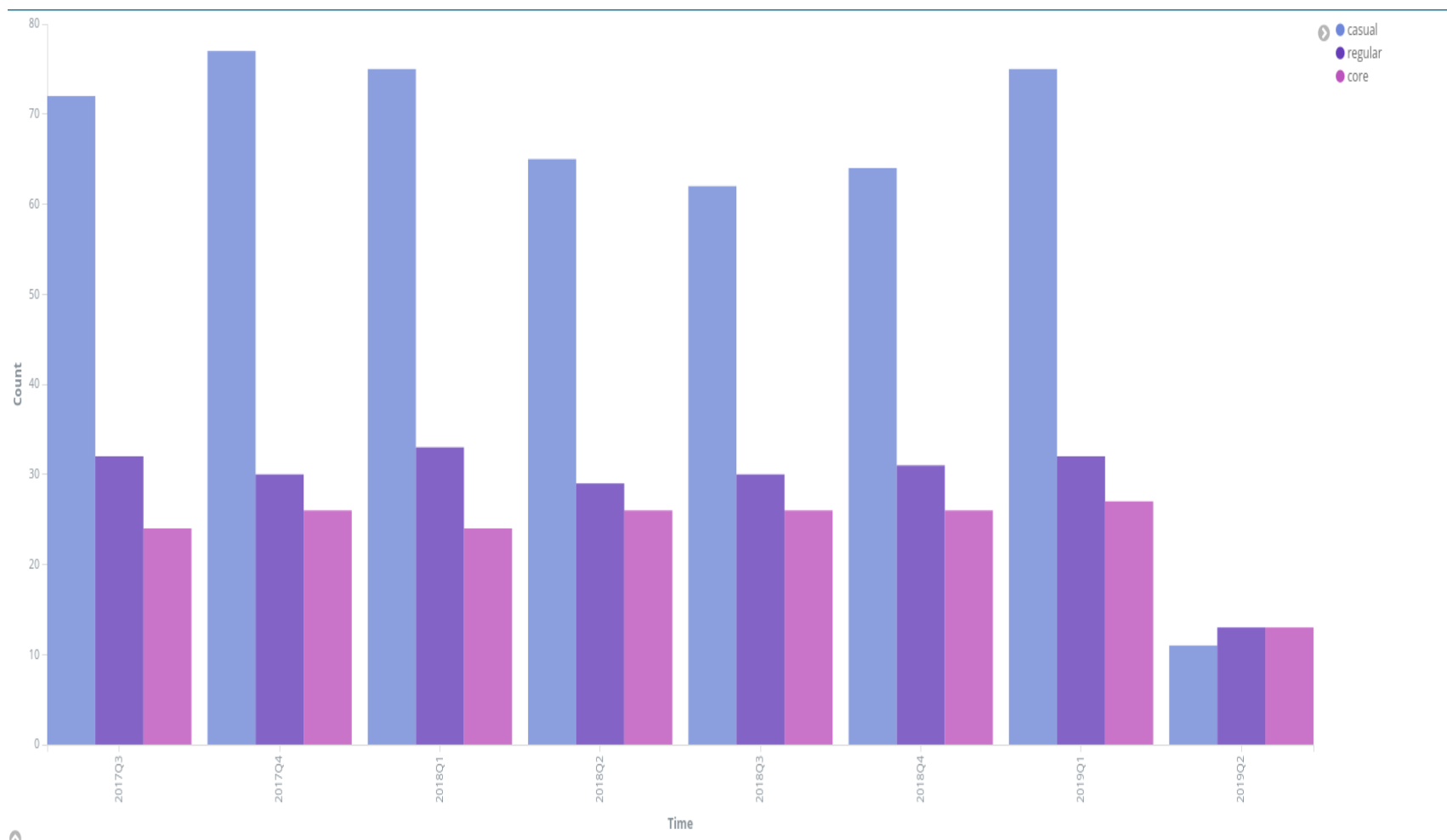
COMMUNITY

知られている LibreOffice の コミュニティ



最新 12 ヶ月のコミュニティ

Source: TDF Dashboard

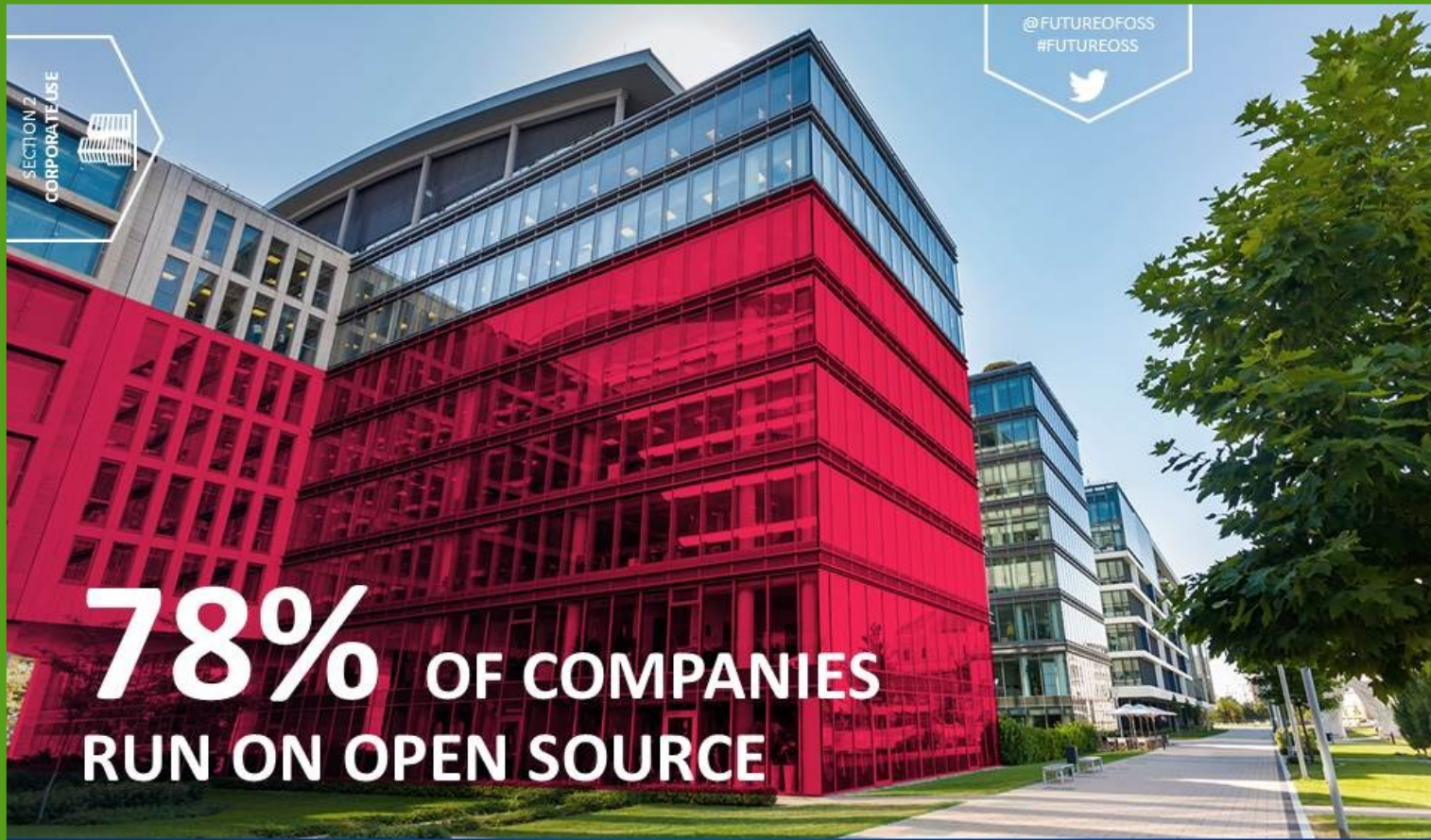




LibreOffice



オープンソースソフトウェア



SECTION 2
CORPORATE USE

@FUTUREFOSS
#FUTUREOSS

78% OF COMPANIES
RUN ON OPEN SOURCE

LESS THAN 3%
DON'T USE OSS IN ANY WAY

The image shows a modern office building with a prominent red facade and glass windows. The building is set against a clear blue sky. In the foreground, there is a paved walkway and some greenery. The overall scene is bright and professional. The text is overlaid on the image in white and blue colors. There are also social media handles and a Twitter logo in the top right corner of the image area.

LibreOffice の位置



SECTION 4 TECHNOLOGY

@FUTUREFOSS
#FUTUREFOSS

**MOST VALUABLE
OPEN SOURCE PROJECT?**

openstack
LIBRE SOFTWARE

docker

Drupal

LibreOffice
The Document Foundation

Linux

ubuntu

PostgreSQL

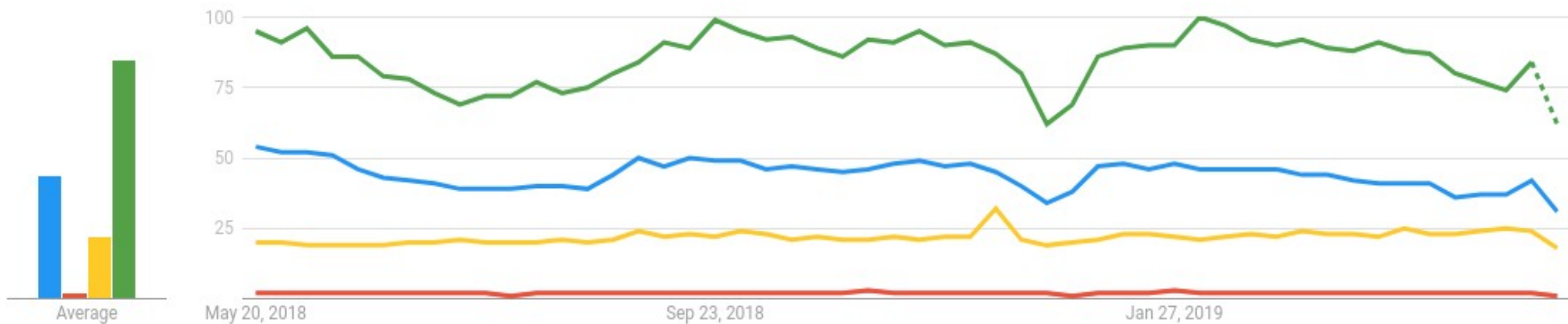
The infographic features a background of a world map with glowing nodes and a close-up of a hand typing on a laptop keyboard. The logos are arranged in a horizontal row across the middle of the image.



Google Trends

- OpenOffice (blue)
- OnlyOffice (red)
- WPS Office (yellow)
- LibreOffice (green)

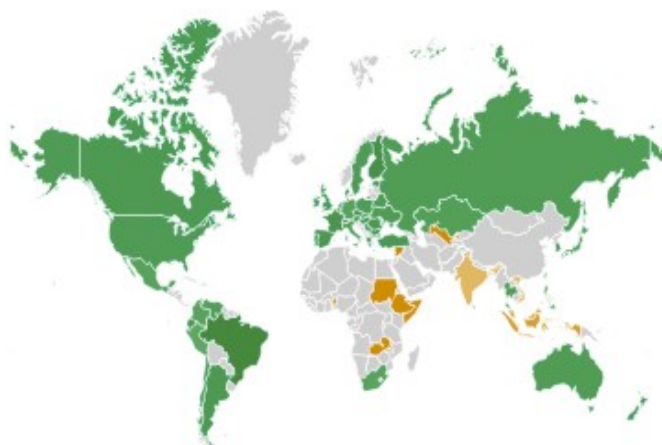
最新 12 ヶ月



Compared breakdown by region

Legend: ● openoffice ● onlyoffice ● wps office ● libreoffice

Sort: Interest for libreoffice ▼



Rank	Country	Breakdown of Interest
1	Brazil	Small segments of OpenOffice, OnlyOffice, and WPS Office, followed by a large LibreOffice segment.
2	Finland	Large OpenOffice segment, followed by a large LibreOffice segment.
3	Czechia	Large OpenOffice segment, followed by a large LibreOffice segment.
4	Estonia	Large OpenOffice segment, followed by a large LibreOffice segment.
5	Israel	Large OpenOffice segment, followed by a large LibreOffice segment.

Color intensity represents percentage of searches [LEARN MORE](#)

LibreOffice ユーザー数 (予測)



全世界のユーザー数については、世界の PC ユーザー数が 20 ～ 30 億 (90% Windows, 8% macOS, 2% Linux) であることから、以下のように見積もっています：

- デスクトップ Linux ユーザーの 100% (4~6 千万)
- デスクトップ Windows ユーザーの 10% (1.8~2.7 億)
- デスクトップ macOS ユーザーの 10% (1.6 ～ 2.4 千万)
- 10% of desktop macOS users (between 16 and 24 million)

低い方の数字を採用して、全世界に 2 億 3 千 6 百万ユーザーとなり、重複を鑑みて値を切り捨て、2 億ユーザーと見込んでいます。



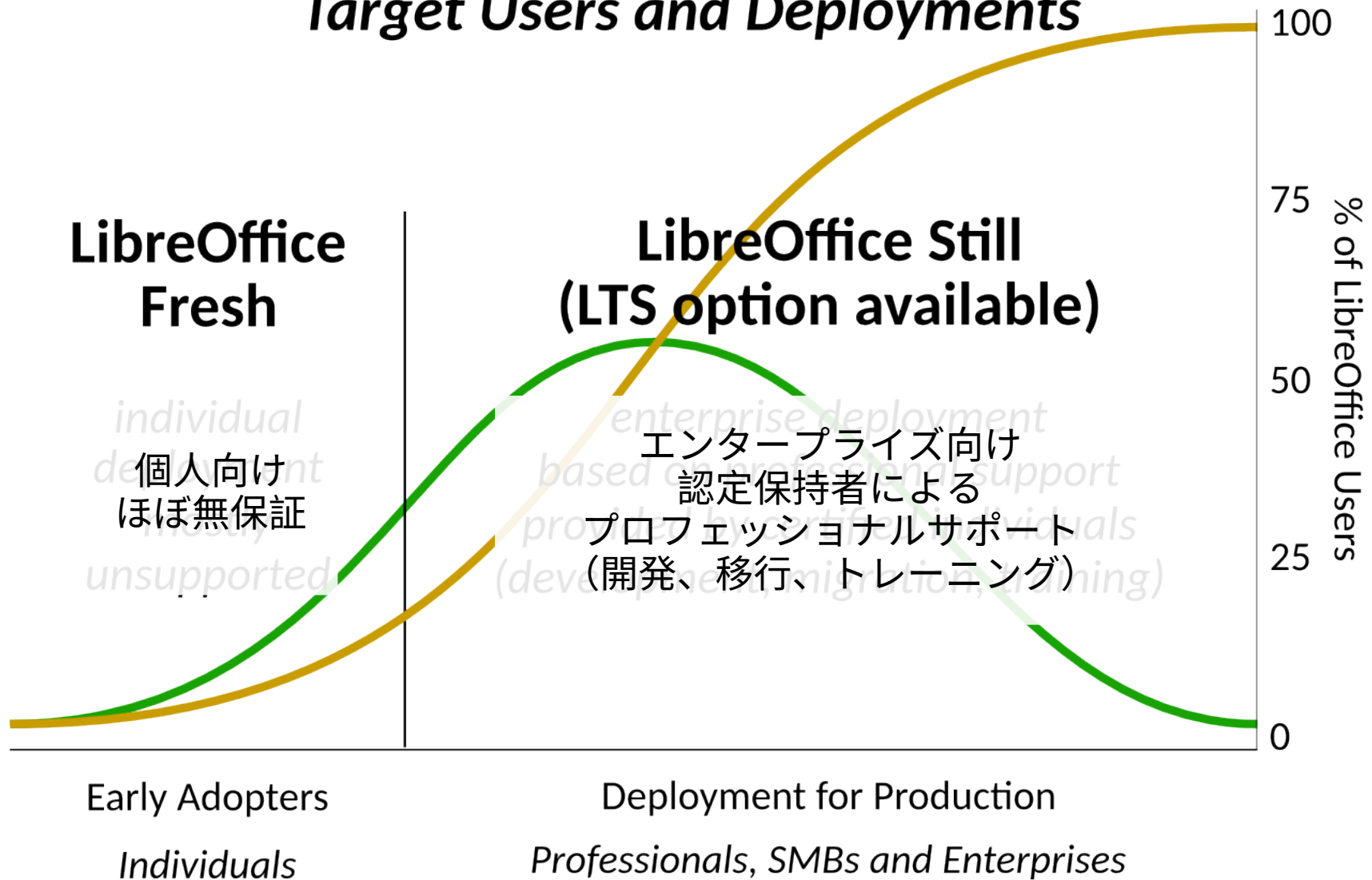
LibreOffice Fresh vs Still

- The Document Foundation は二つの平行な LibreOffice ブランチを提供しています：
- **LibreOffice Fresh (最新版)**
 - アーリーアダプターやパワーユーザー向け
- **LibreOffice Still (安定版)**
 - エンタープライズや安定志向のユーザー向け
- 両方とも、異なるユーザー層に最高クラスのソフトウェアを提供するために並行してメンテナンスされています



LibreOffice Fresh vs Still

Target Users and Deployments



LTS バージョンの提供企業



CIB



Collabora Productivity

LibreOffice Online Writer



The screenshot shows the LibreOffice Online Writer interface. The top menu bar includes File, Edit, View, Insert, Format, Table, Tools, and Help. The toolbar contains various editing and formatting tools. The document content is as follows:

For instance, let's take the world famous sentence from Hamlet: "To be, or not to be, that is the question".

LibreOffice would write the underlying XML as:

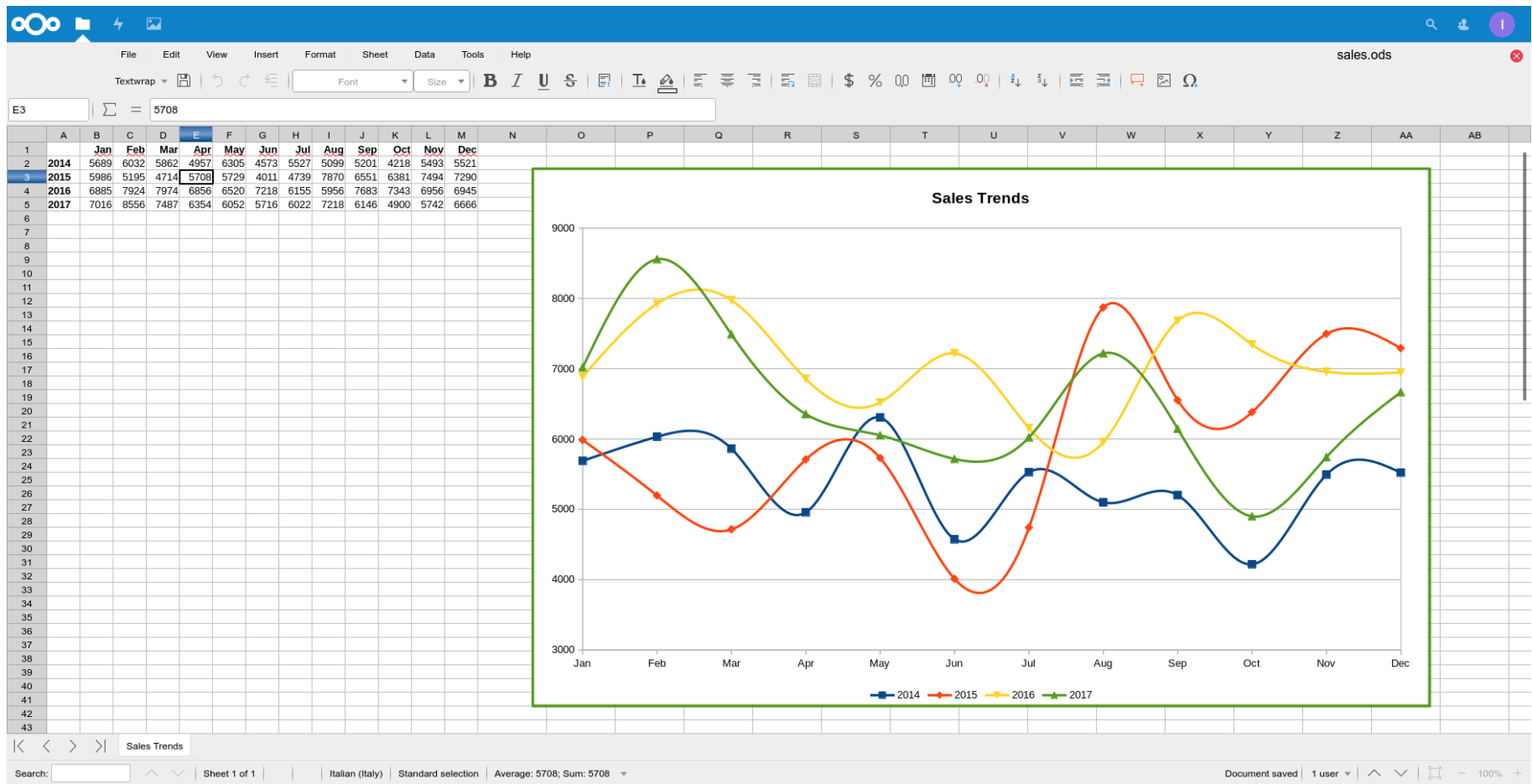
```
<text:p text:style-name="P1">To be, or not to be, this is the question.</text:p>
```

Microsoft Office would write it adding a large number of redundant XML tags, as follows:

```
<w:r>
  <w:rPr>
    <w:rFonts w:ascii="Calibri" w:hAnsi="Calibri"/>
    <w:sz w:val="72"/>
    <w:szCs w:val="72"/>
    <w:lang w:val="en-US"/>
  </w:rPr>
  <w:t>To be, or not to be,</w:t>
</w:r>
<w:r w:rsidR="00EB67B8">
  <w:rPr>
    <w:rFonts w:ascii="Calibri" w:hAnsi="Calibri"/>
```

The status bar at the bottom shows: Search: [input], Page 1 of 3, 469 words, 3,164 characters, Insert, Standard selection, English (UK), Document saved, 1 user, 207% zoom.

LibreOffice Online Calc



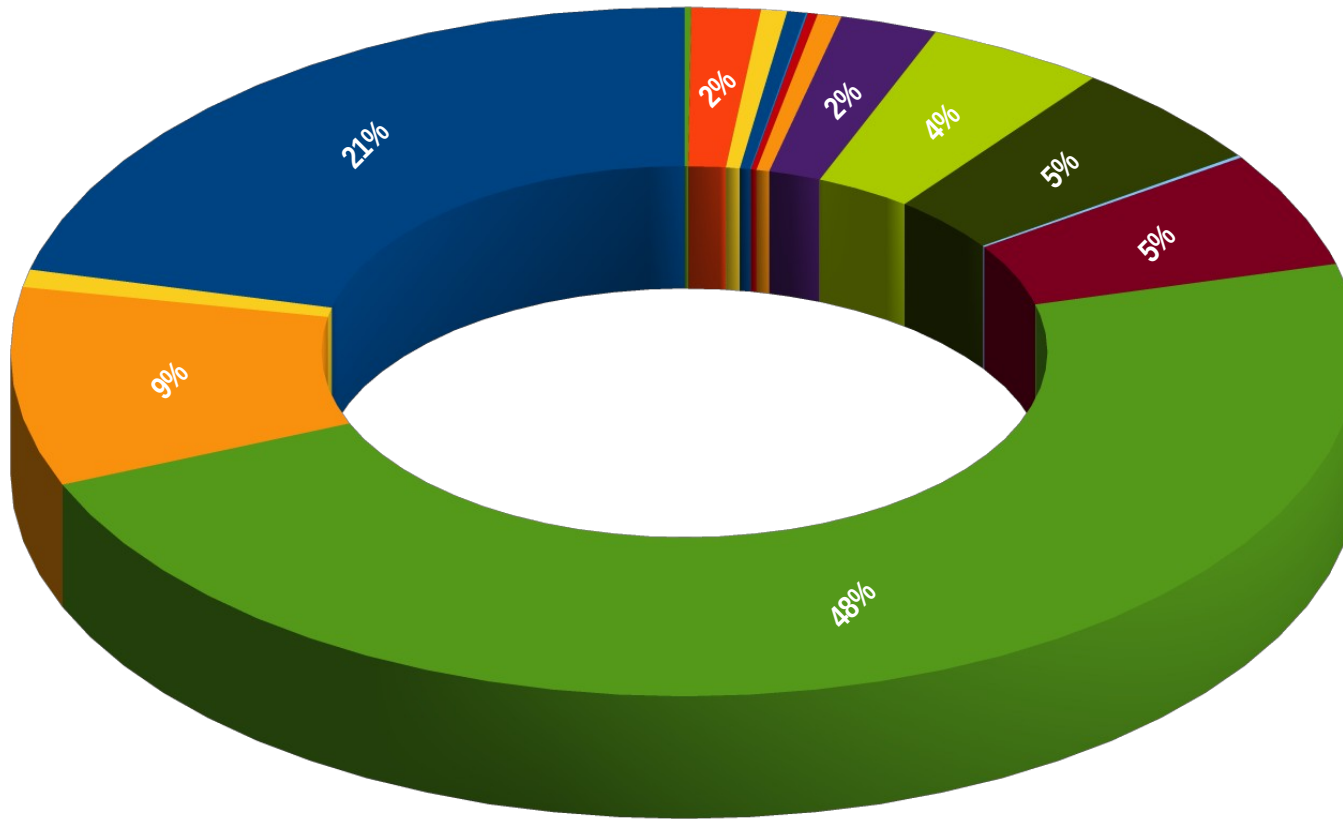


未来

- 私たち全員が、オープンソースソフトウェアを用いたグローバルなエコシステムを構築することに寄与できます
- 貢献とはグローバルなコミュニティに対して知識を共有することです
- 私たちが良いとすることには限界はありません : FOSS はすべての種類のスキルを必要とするのです



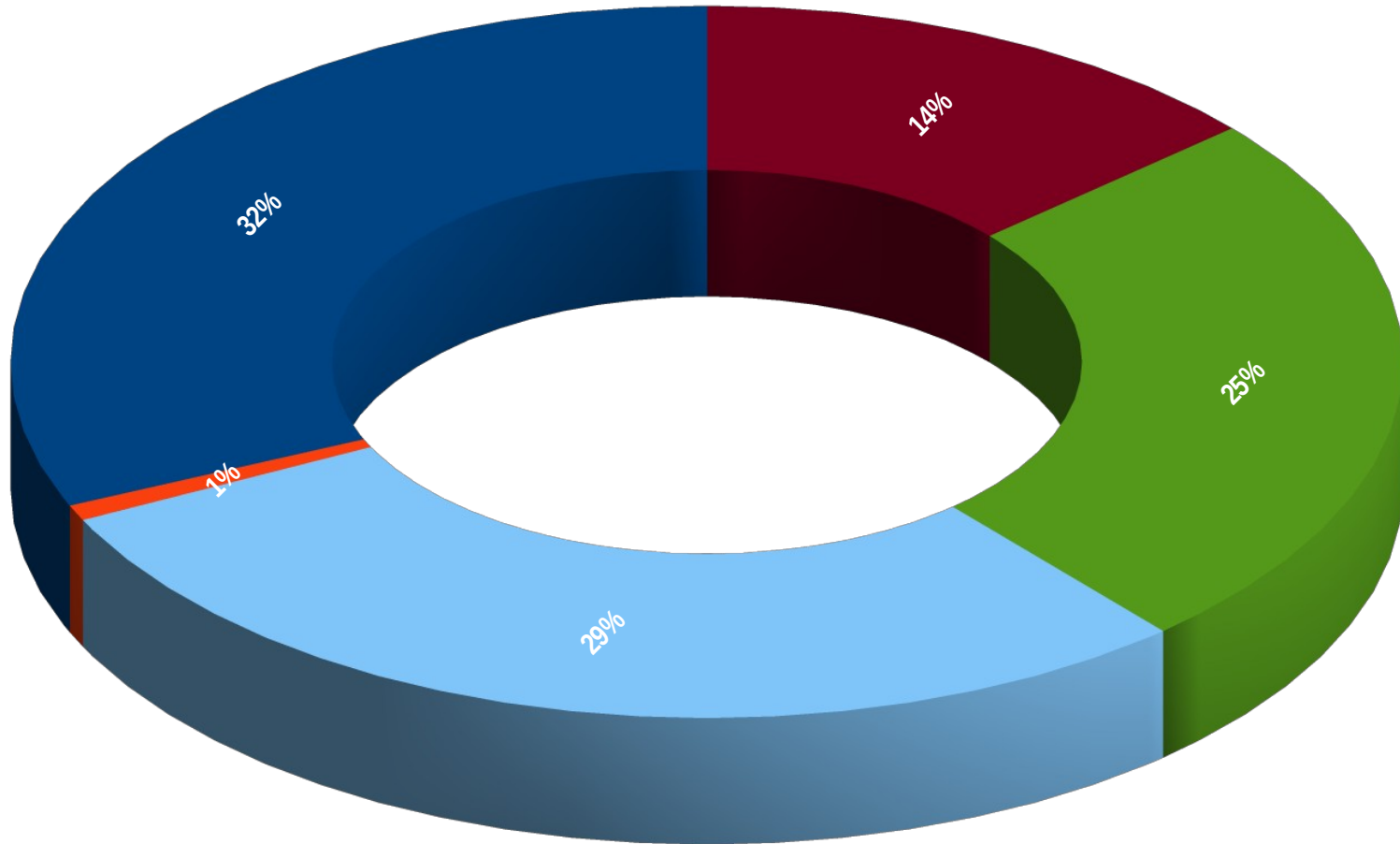
Visits to Download Page by Geography (January / April 2019)



- | | | | | | |
|-----------------|-------------------|-----------------|----------------|---------------|------------------|
| ■ North America | ■ Central America | ■ South America | ■ Europe | ■ East Asia | ■ Central Asia |
| ■ South Asia | ■ SE Asia | ■ Western Asia | ■ North Africa | ■ West Africa | ■ Central Africa |
| ■ East Africa | ■ Southern Africa | ■ Oceania | ■ Unknown | | |



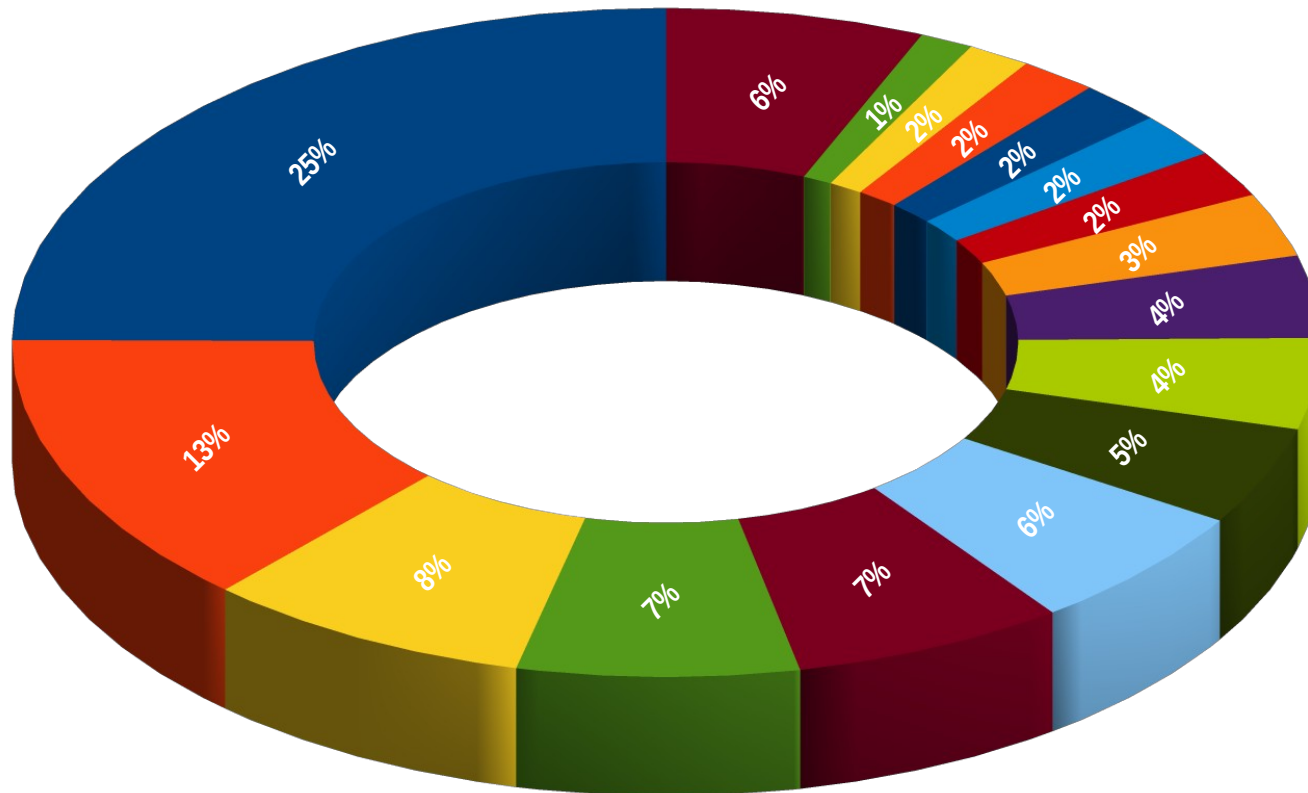
Visits to Download Page from Asia (January / April 2019)



■ East Asia ■ Central Asia ■ South Asia ■ SE Asia ■ Western Asia



Visits to Download Page from Countries in Asia (January / April 2019)



■ India	■ Japan	■ Indonesia	■ China	■ Turkey	■ Philippines
■ Taiwan	■ Thailand	■ South Korea	■ Saudi Arabia	■ Malaysia	■ Hong Kong
■ Vietnam	■ Pakistan	■ Singapore	■ Israel	■ Others	

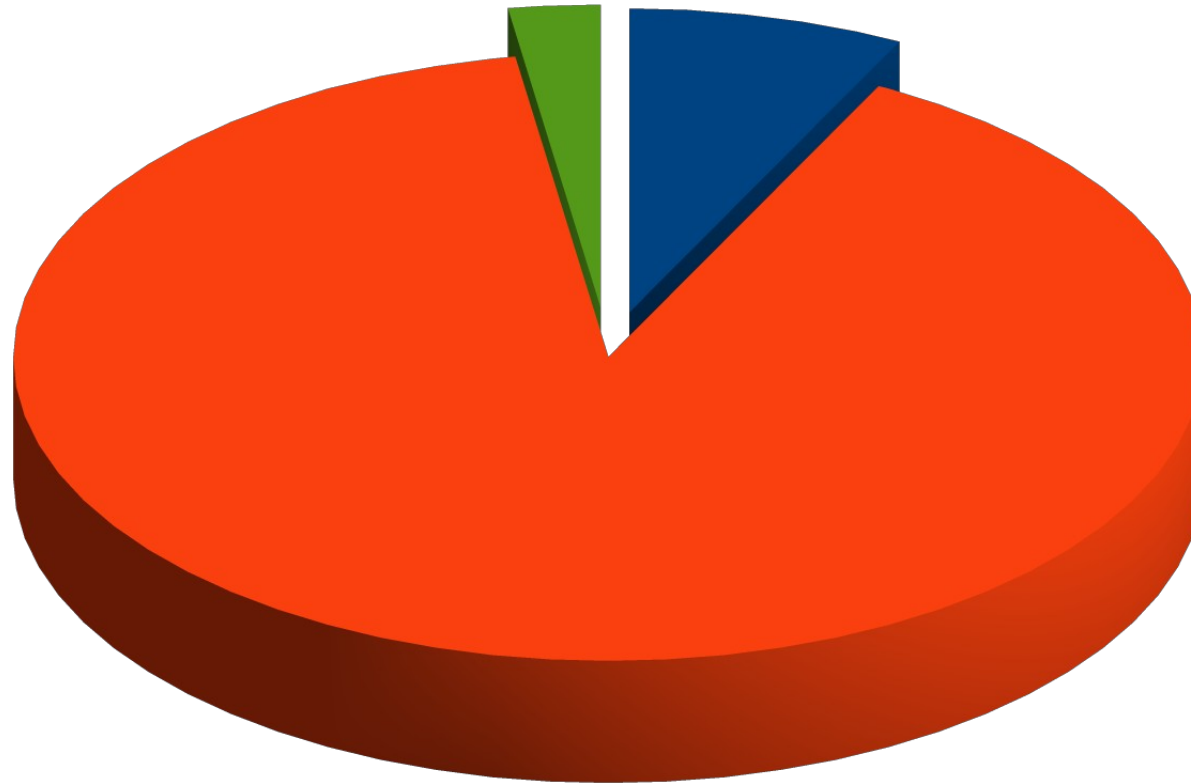


**YOU ARE NEVER TOO OLD
TO SET ANOTHER GOAL
OR TO DREAM A NEW
DREAM (CS Lewis)**

新たな目標を持つことや
新しい夢を見るのに
歳をとりすぎた
ということはない



今日の FOSS



■ Know ■ Use ■ Refuse




明日の FOSS (夢)



■ Know ■ Use ■ Refuse



Italo Vignoli
italo@libreoffice.org
italo@vignoli.org

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