

Control de calidad y desarrollo. **Una relación de amor y odio.**

Xisco Fauli

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ASUNCIÓN | 20 Julio de 2019

Sobre mi

- Colaborador de LibreOffice desde 2011
- Participante programa GSOC 2011
- Miembro de The Document Foundation
- Trabajador de The Document Foundation desde 2016
- Instructor Certificado

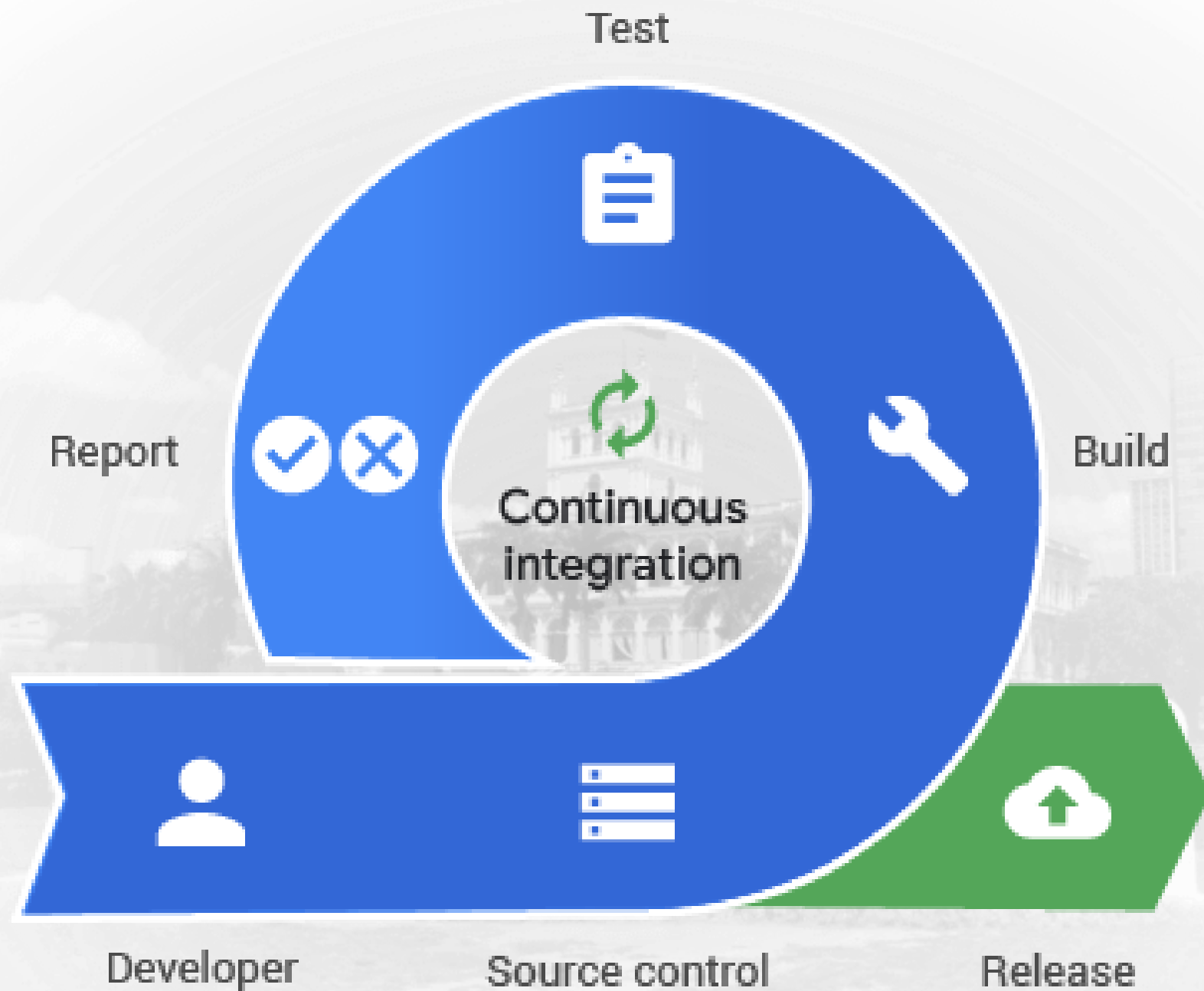


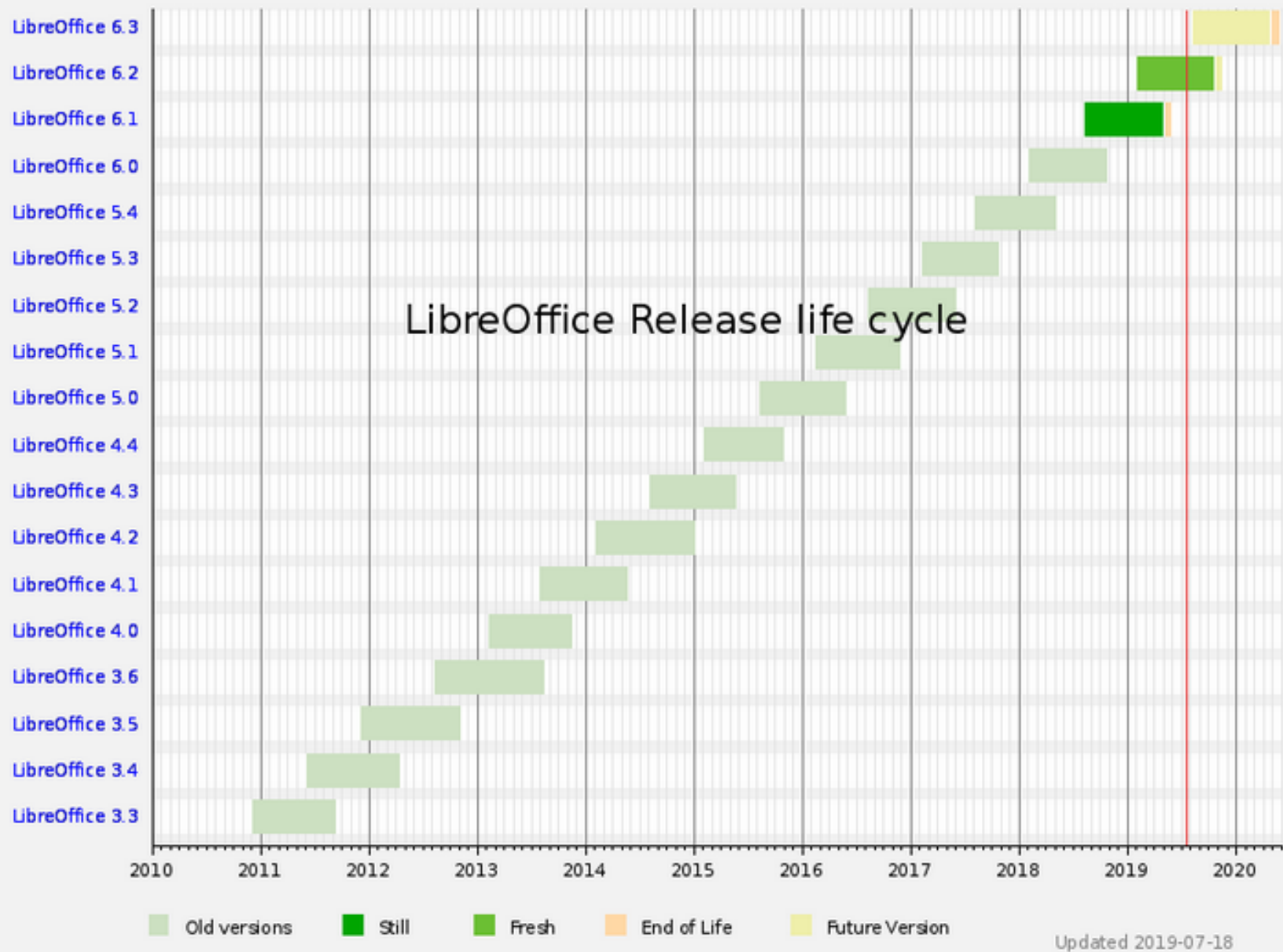
GSOC (2018)

- 1264 estudiantes de 62 países (ninguno de Paraguay)
- 206 proyectos de software libre
- Recompensa económica
- Participar en una comunidad internacional
- Bueno para el CV

<https://summerofcode.withgoogle.com/>









LibreOffice

⚙ Settings | 📄 Report Duplicate



822

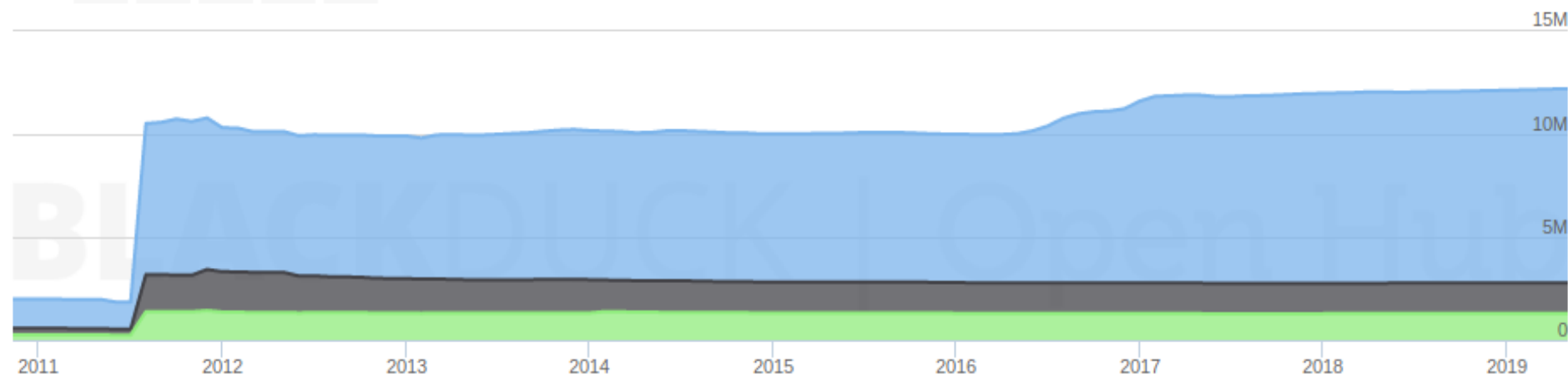
I Use This!

🕒 Analyzed 43 minutes ago. based on code collected about 5 hours ago.

Languages

Total Lines :	12,158,154	Code Lines :	9,387,417	Percent Code Lines :	77.2%
Number of Languages :	30	Total Comment Lines :	1,481,446	Percent Comment Lines :	12.2%
		Total Blank Lines :	1,289,291	Percent Blank Lines :	10.6%

Zoom 1yr 3yr 5yr 10yr All



Fuente: <https://www.openhub.net/p/libreoffice>

Compilar

- 1) `git clone https://gerrit.libreoffice.org/core libreoffice`
- 2) `cd libreoffice`
- 3) `./autogen.sh ( --help )`
- 4) `make`
- 5) `instldir/program/soffice`

<https://wiki.documentfoundation.org/Development/BuildingOnLinux>

EasyHacks

- Forma sencilla de empezar a contribuir
- Familiarizarse con el código y los desarrolladores
- Contienen referencias al código

<https://wiki.documentfoundation.org/Development/EasyHacks>

Opengrok

- Buscador de código fuente
- Navegador de código fuente
- Referencias cruzadas

<https://opengrok.libreoffice.org/>

Gerrit

- `git checkout -b <rama>`
- `git add <fichero>`
- `git commit`
- `./logerrit submit master`

<https://wiki.documentfoundation.org/Development/gerrit/SubmitPatch>

<https://gerrit.libreoffice.org>

Jenkins

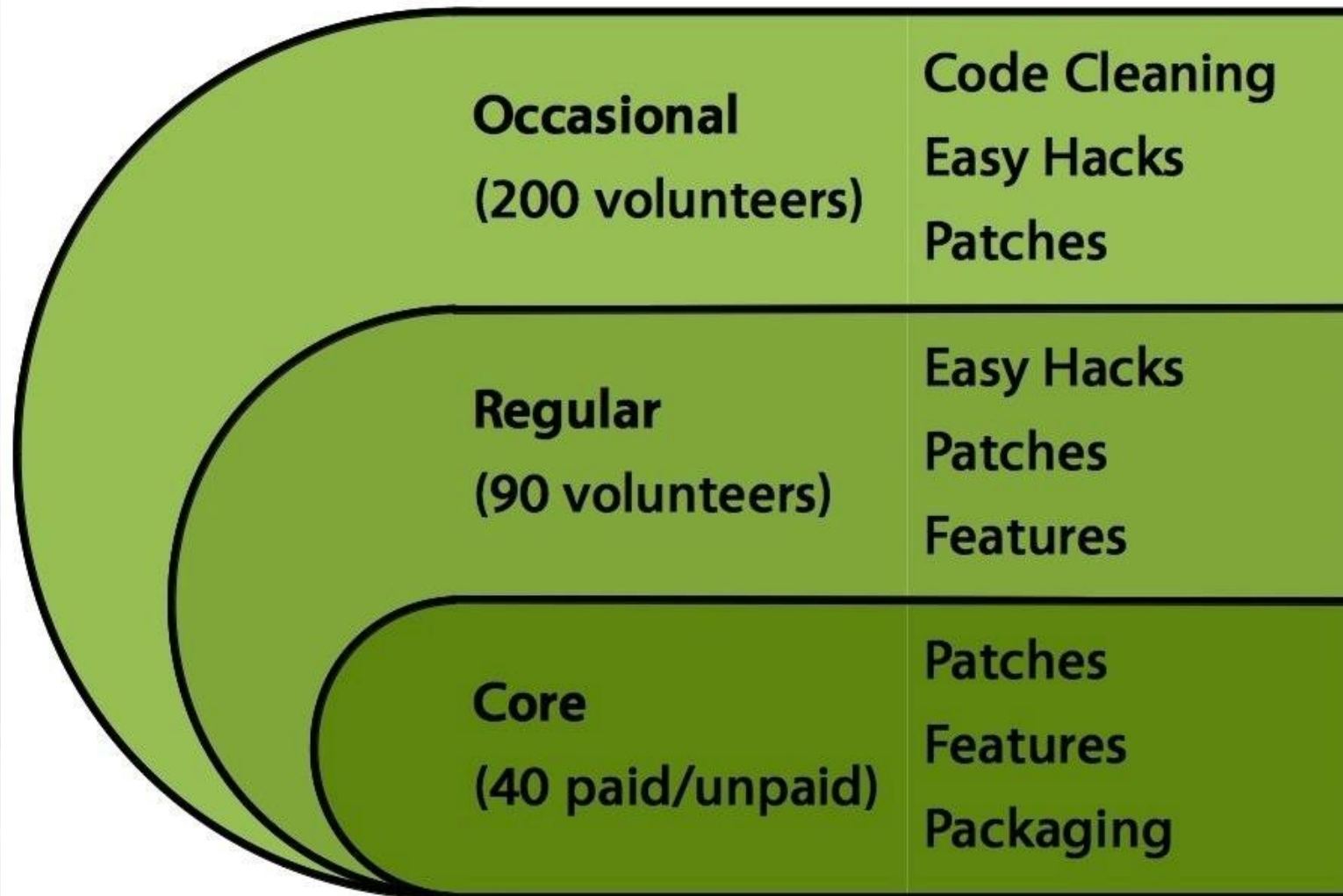
- Windows
- Mac
- Linux_Clang_dbgutil
- Linux_GCC_Release



Tinderboxes

[illegible]

LibreOffice Code Contributors



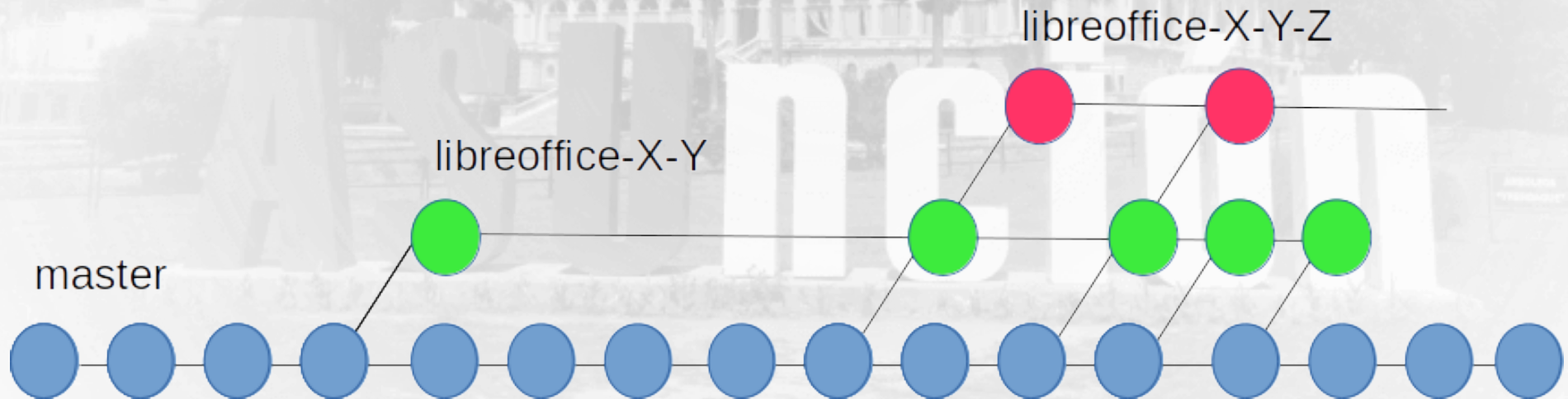
Último año

- 13039 commits
- 215 autores
- 1168473 líneas añadidas
- 1399660 líneas borradas
- Média 196 líneas / commit
- Média 10 ficheros / commit

Fuente: <https://dashboard.documentfoundation.org/>

Ramas

- **LibreOffice Master – LibreOffice 6.4.0.0 Alpha0**
- En Desarrollo: LibreOffice 6.3.0.3
- **LibreOffice Nuevo << Fresh >> - LibreOffice 6.2.5 RC2**
- En Desarrollo: LibreOffice 6.2.6 RC1
- **Libreoffice Estable << Still >> - LibreOffice 6.1.6 RC3**



LibreOffice 6.3

6.3.0 release

include features from master

event	date
Alpha1	Week 19 , May 6, 2019 - May 12, 2019
Hard feature freeze & branch libreoffice-6-3	Week 22 , May 27, 2019 - Jun 2, 2019
Beta1	Week 22 , May 27, 2019 - Jun 2, 2019
Beta2 - optional	Week 25 , Jun 17, 2019 - Jun 23, 2019
Hard English string & UI freeze	Week 27 , Jul 1, 2019 - Jul 7, 2019
RC1	Week 27 , Jul 1, 2019 - Jul 7, 2019
Hard code freeze & branch libreoffice-6-3-0	Week 29 , Jul 15, 2019 - Jul 21, 2019
RC2	Week 29 , Jul 15, 2019 - Jul 21, 2019
RC3	Week 31 , Jul 29, 2019 - Aug 4, 2019
Release 6.3.0	Week 32 , Aug 5, 2019 - Aug 11, 2019

LibreOffice 6.2

6.2.5 release

Only important bug fixes, and l10n improvements

Event	Date
Hard code freeze & branch libreoffice-6-2-5	Week 24 , Jun 10, 2019 - Jun 16, 2019
RC1	Week 24 , Jun 10, 2019 - Jun 16, 2019
RC2	Week 26 , Jun 24, 2019 - Jun 30, 2019
Release 6.2.5	Week 27 , Jul 1, 2019 - Jul 7, 2019

6.2.6 release

Only important bug fixes, and l10n improvements

Event	Date
Hard code freeze & branch libreoffice-6-2-6	Week 30 , Jul 22, 2019 - Jul 28, 2019
RC1	Week 30 , Jul 22, 2019 - Jul 28, 2019
RC2	Week 32 , Aug 5, 2019 - Aug 11, 2019
Release 6.2.6	Week 33 , Aug 12, 2019 - Aug 18, 2019

LibreOffice 6.1

6.1.6 release

Only important bug fixes, and l10n improvements

Event	Date
Hard code freeze & branch libreoffice-6-1-6	Week 15 , Apr 8, 2019 - Apr 14, 2019
RC1	Week 15 , Apr 8, 2019 - Apr 14, 2019
RC2	Week 17 , Apr 22, 2019 - Apr 28, 2019
Release 6.1.6	Week 18 , Apr 29, 2019 - May 5, 2019

End of Life

no more bugfix releases will be created from the 6-1 code branch by TDF^[1]

event	date
End of Life	May 29, 2019

Tests manuales

- Utilización de Daily Builds:

<https://dev-builds.libreoffice.org/daily/master/>

- Utilización de Pre-releases:

https://wiki.documentfoundation.org/QA/GetInvolved#Test_Pre-releases



Bugzilla

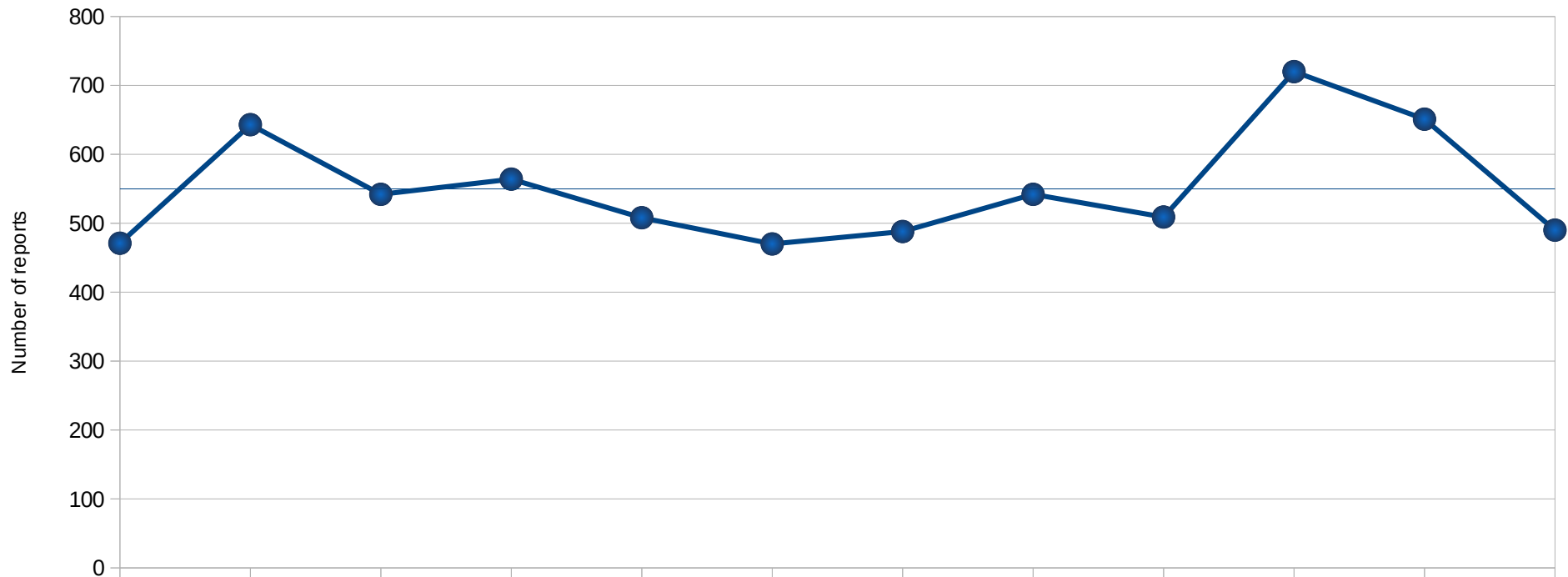
Status		Total
	UNCONFIRMED	<u>556</u>
	NEW	<u>13448</u>
	ASSIGNED	<u>118</u>
	REOPENED	<u>38</u>
	RESOLVED	<u>47668</u>
	VERIFIED	<u>3020</u>
	CLOSED	<u>1695</u>
	NEEDINFO	<u>741</u>
	Total	<u>67284</u>

https://bugs.documentfoundation.org/enter_bug.cgi?product=LibreOffice&format=guided

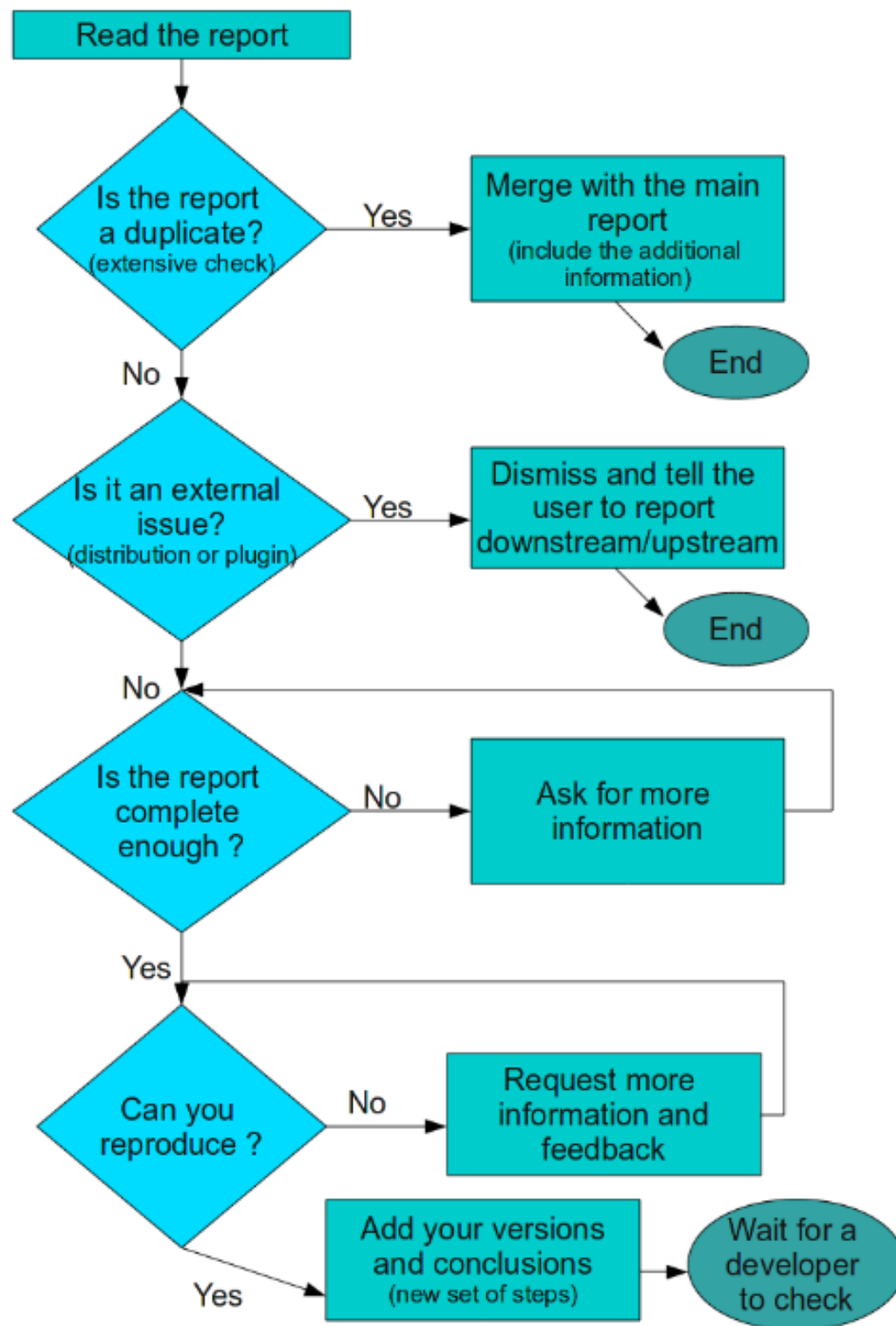
Reportes

- En 2018, 7456 reportes fueron creados en Bugzilla por 3118 personas

Reports by Month

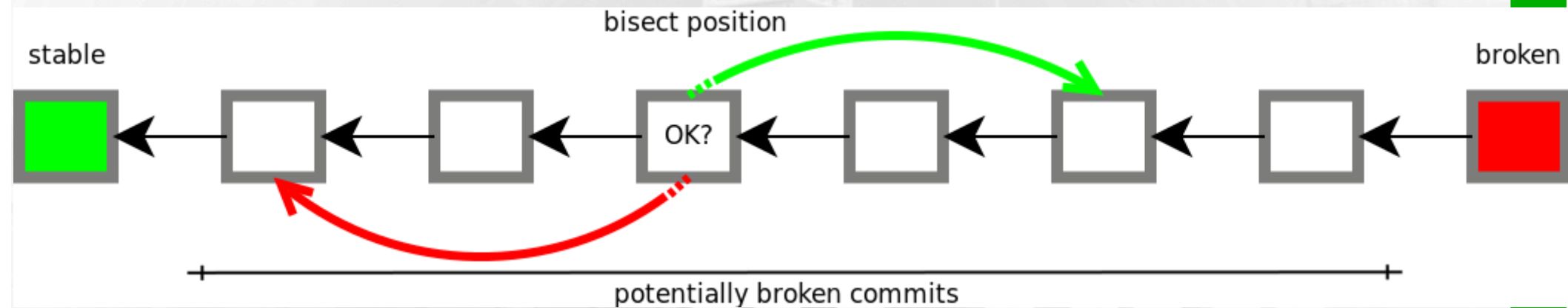


Triage



Regresiones

- Una vez confirmado, hay que probar con versiones anteriores
Regresión → git bisect?



Test automáticos

- 4804 tests unitarios
- 26215 aserciones
- 409 UI tests
- Importar / Exportar crash testing con casi 100000 documentos
 - Genera 200000 documentos como resultado

Coverity Scan

Jul 20, 2019

Last Analyzed

6,178,940

Lines of Code Analyzed

6,159,455

Lines of Code in Selected
Components

0.03

Defect Density

Defect changes since previous build dated Jul 17, 2019

0

Newly detected

100

Eliminated

Defects by status for current build

25,685

Total defects

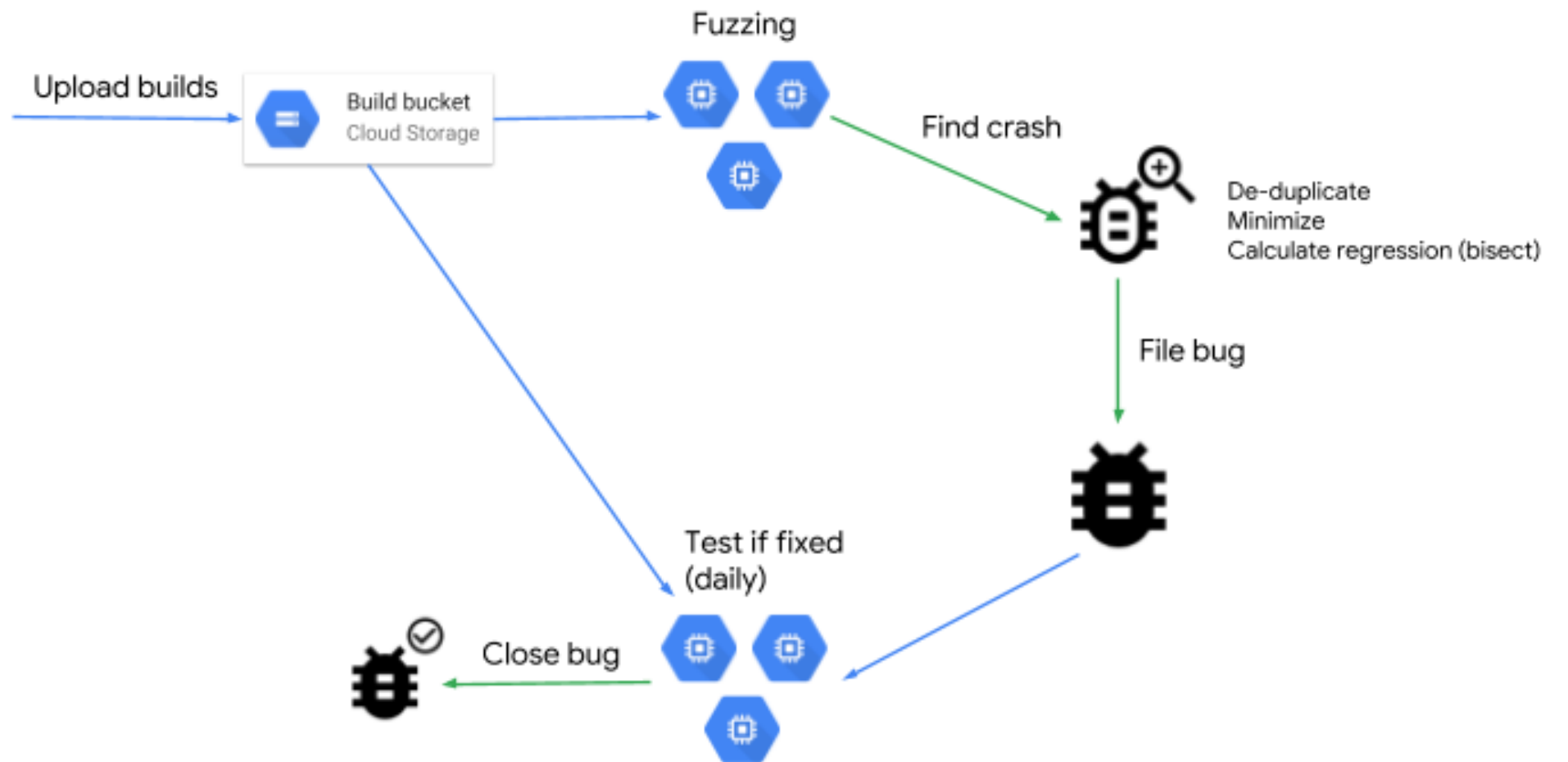
210

Outstanding

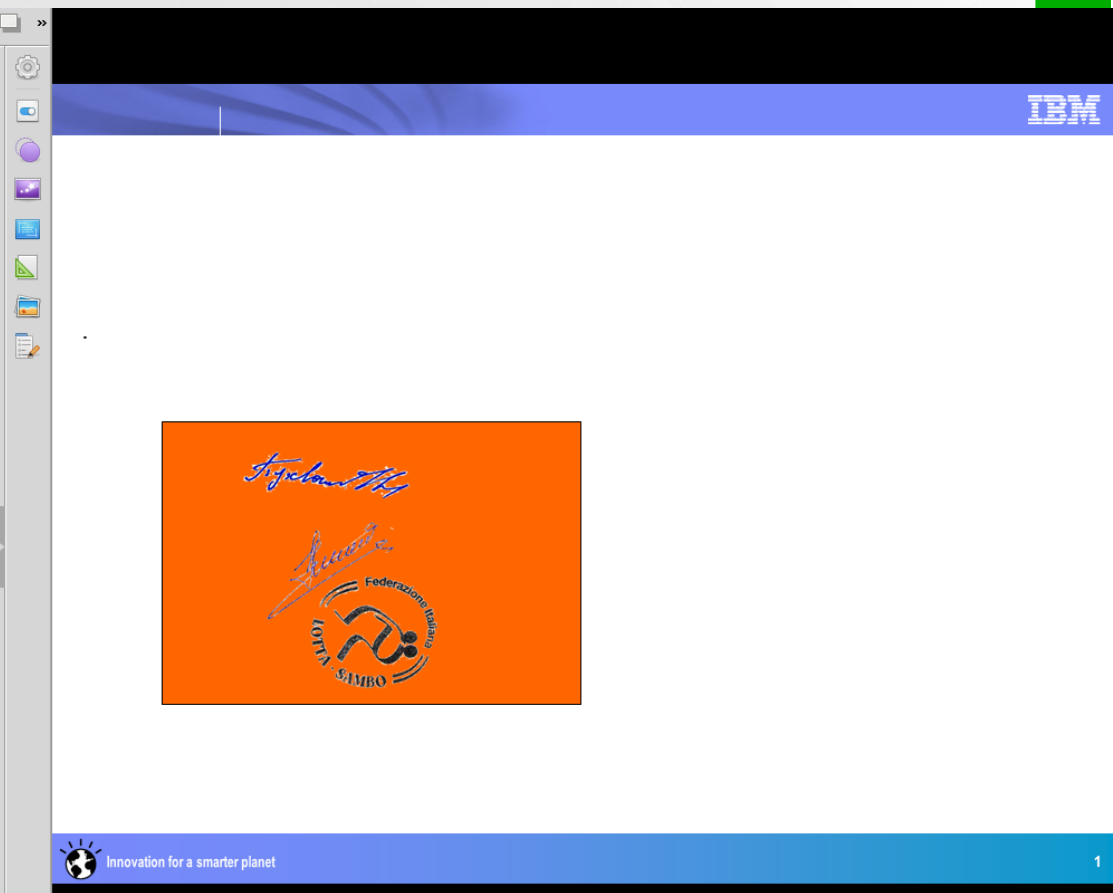
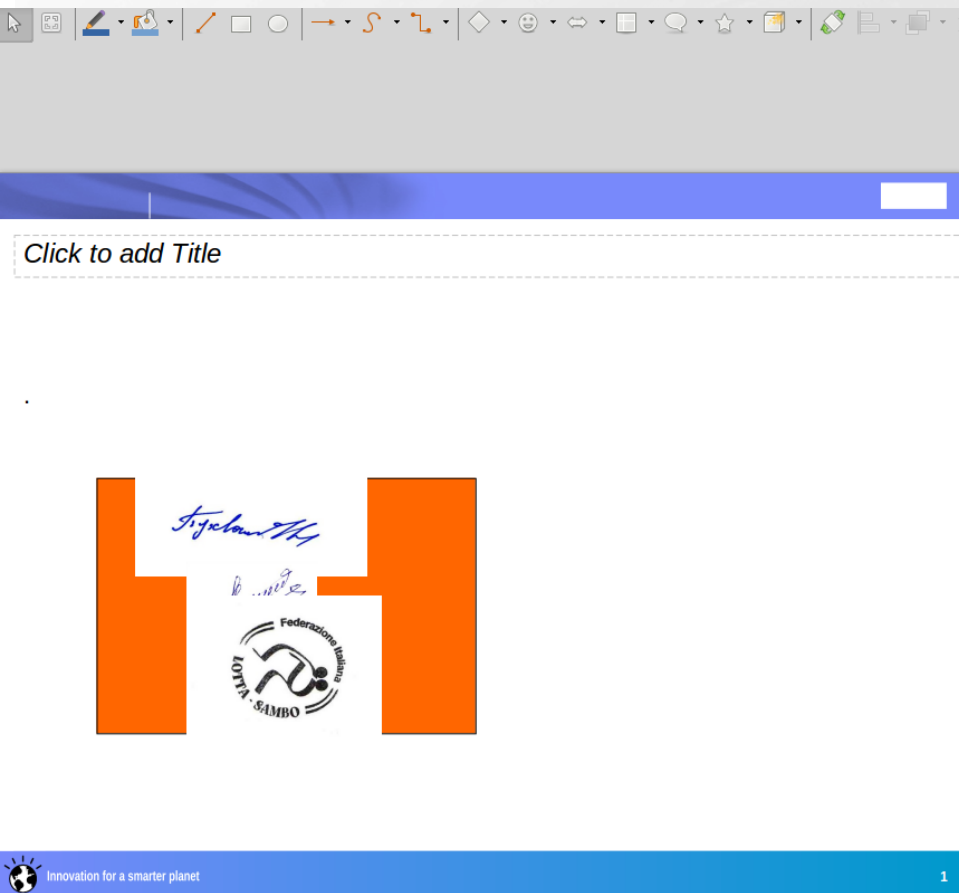
25,155

Fixed

Google Fuzzing



Interoperabilidad



Contribuir



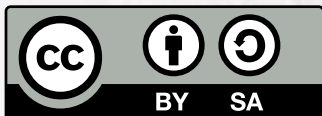
Involucrate

<https://es.libreoffice.org/comunidad/involucrate>



Aguayje!

ASUNCIÓN



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