Overview and Status of LibreOffice Accessibility

Jacobo Aragunde Pérez

http://blogs.igalia.com/jaragunde

@JacoboAragunde

LibreOffice
The Document Foundation

BERN-CH 2014
CONFERENCE
2nd-5th September

igalia

Introduction to accessibility

Accessibility

“Make a product, device or environment available to as many people as possible”

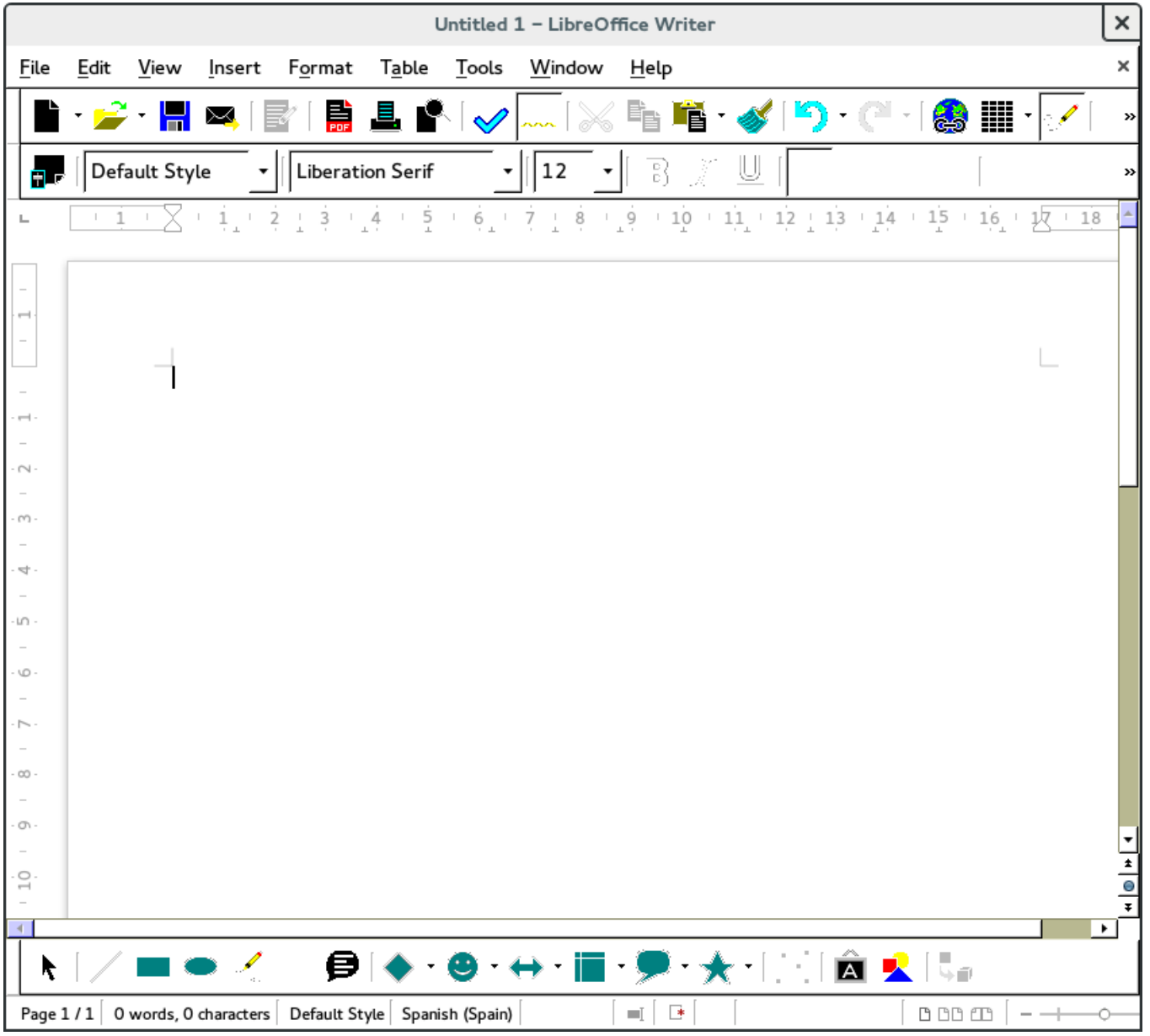
Assistive technologies

“Software, hardware, or a combination of hardware and software used to enable use of a computer by as many users as possible”

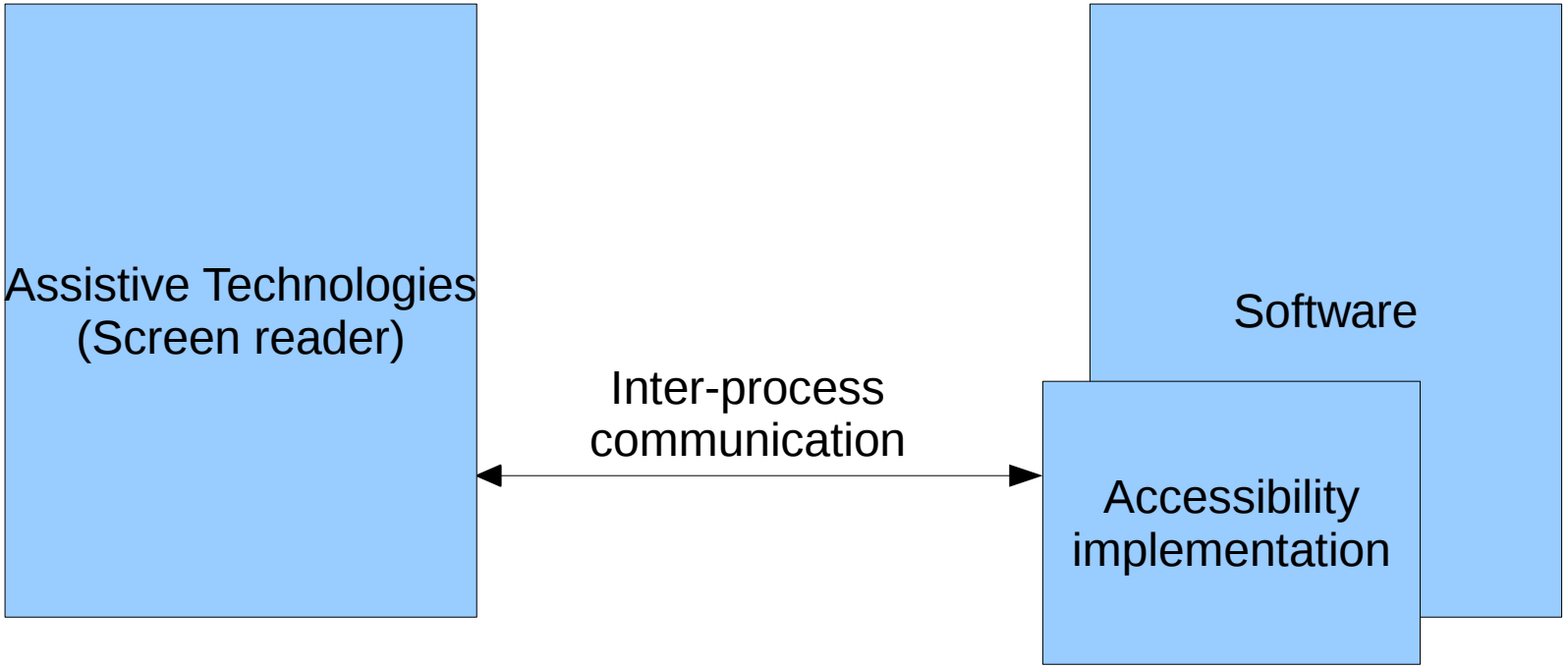
Some examples

- Hardware ATs
  - Adaptive input devices
  - Hearing aid
- Software ATs
  - Captioning
  - Magnifier
  - High contrast
  - Screen reader

High contrast

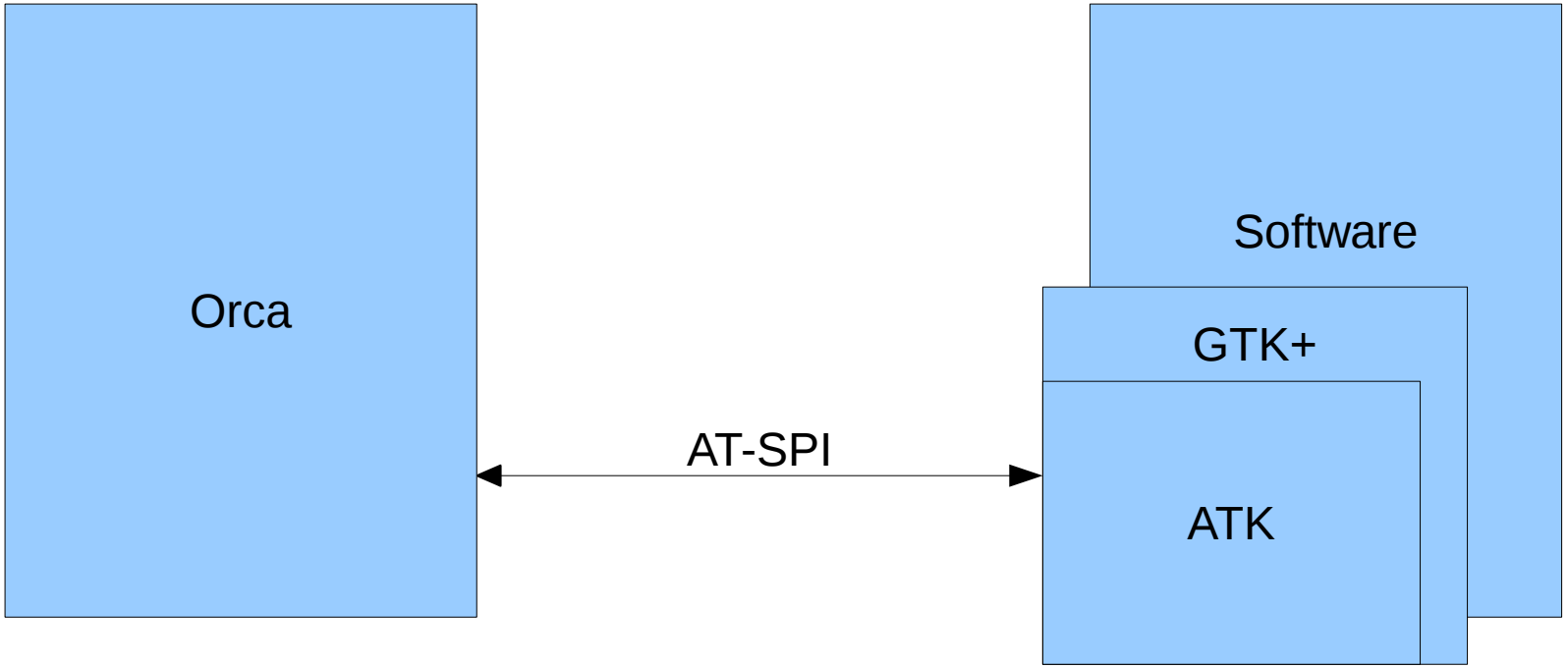


Screen reader



igalia

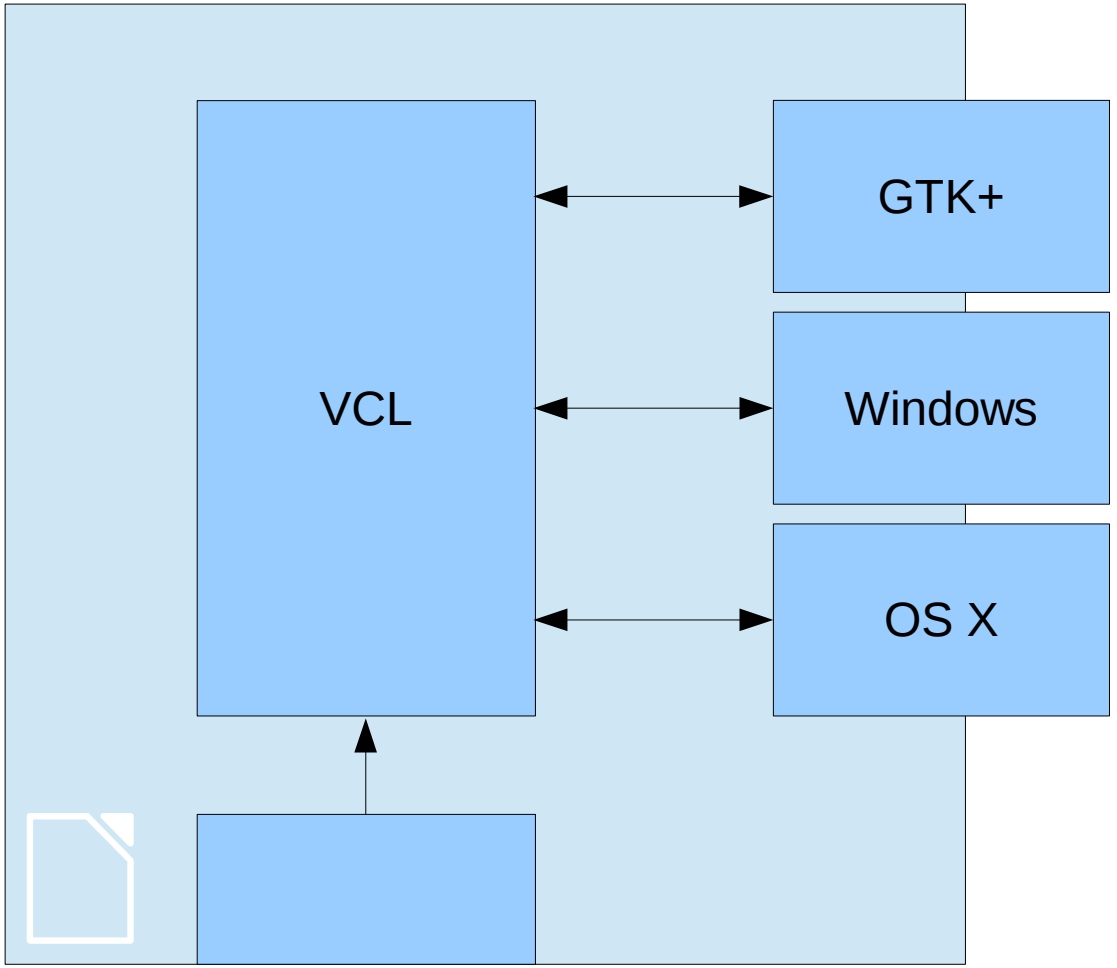
Screen reader (GNOME)



igalia

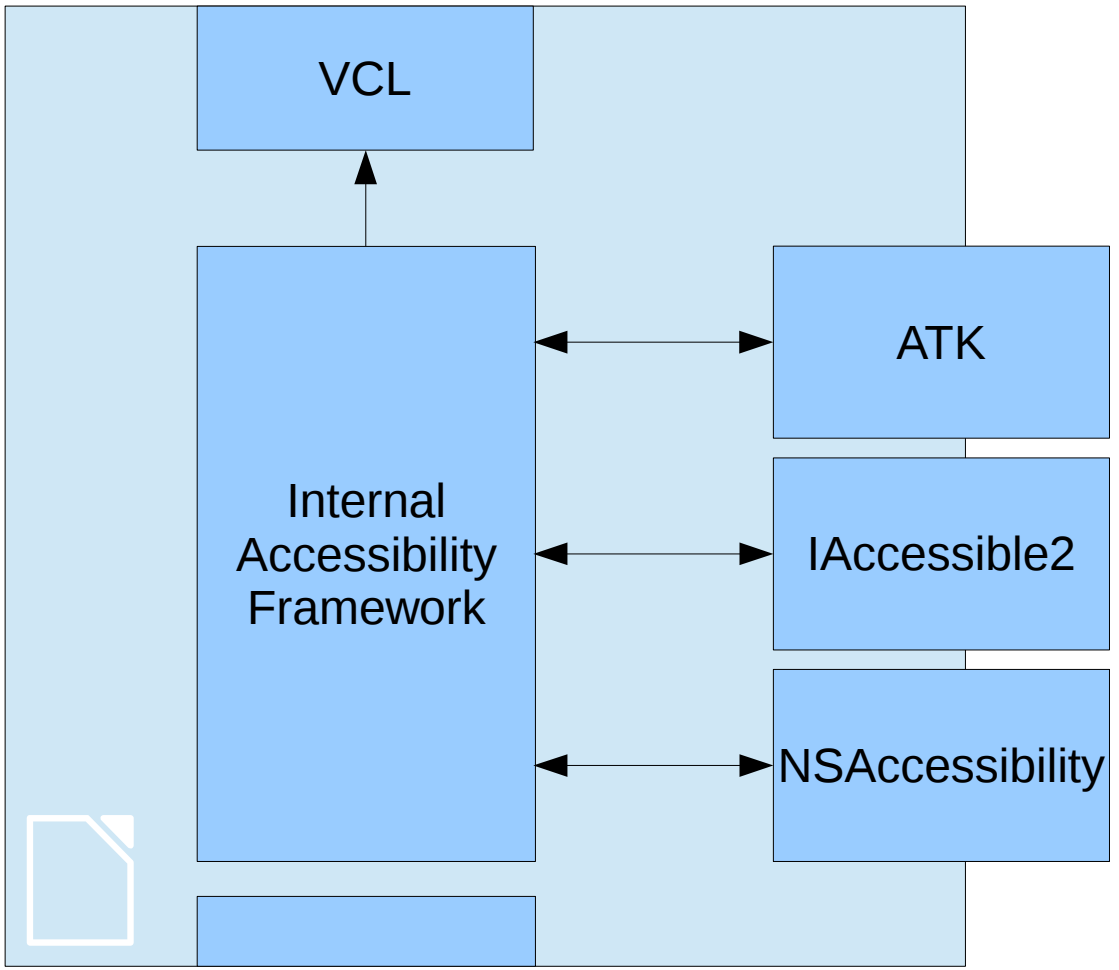
LibreOffice accessibility framework

Architecture



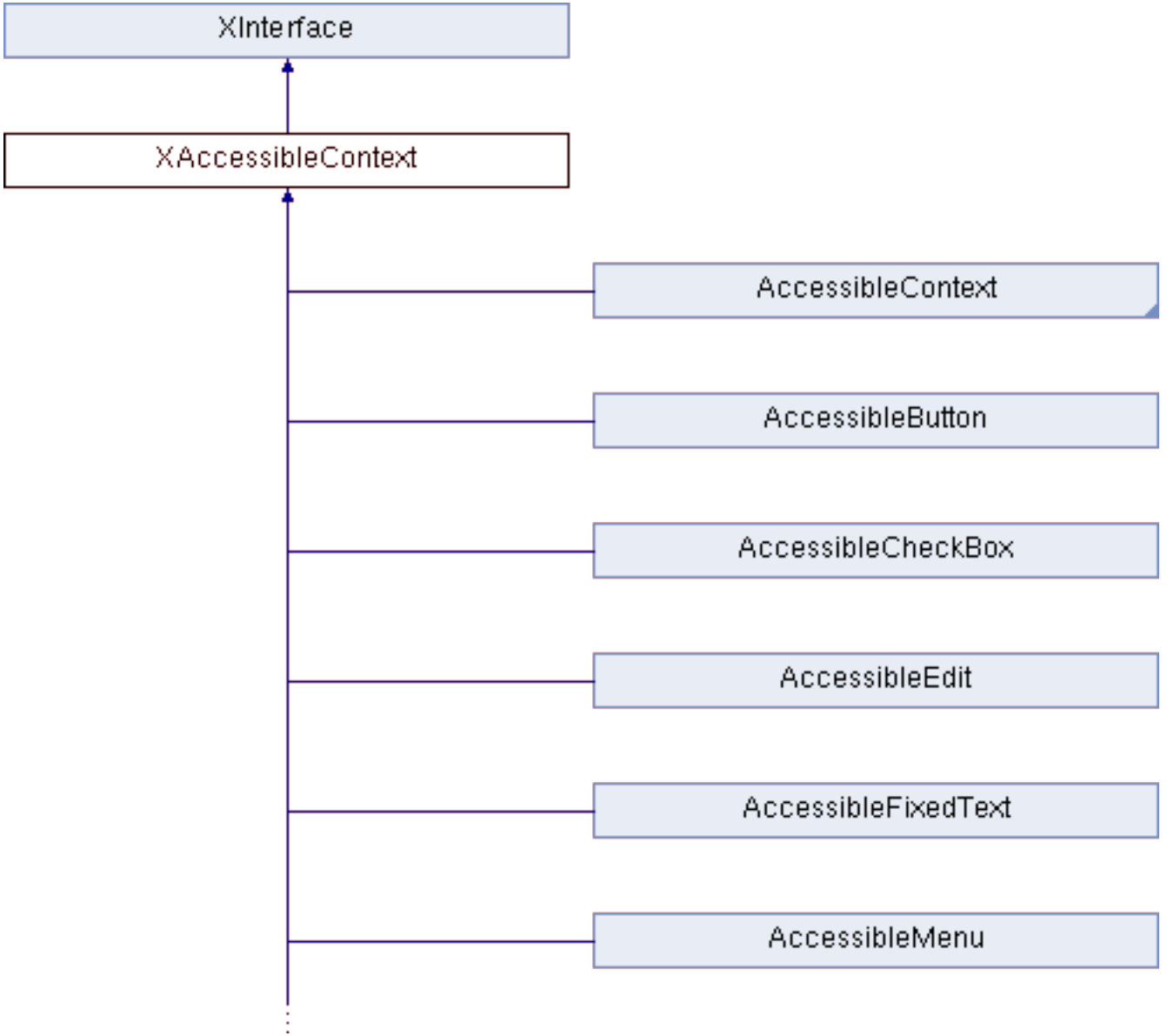
igalia

Architecture



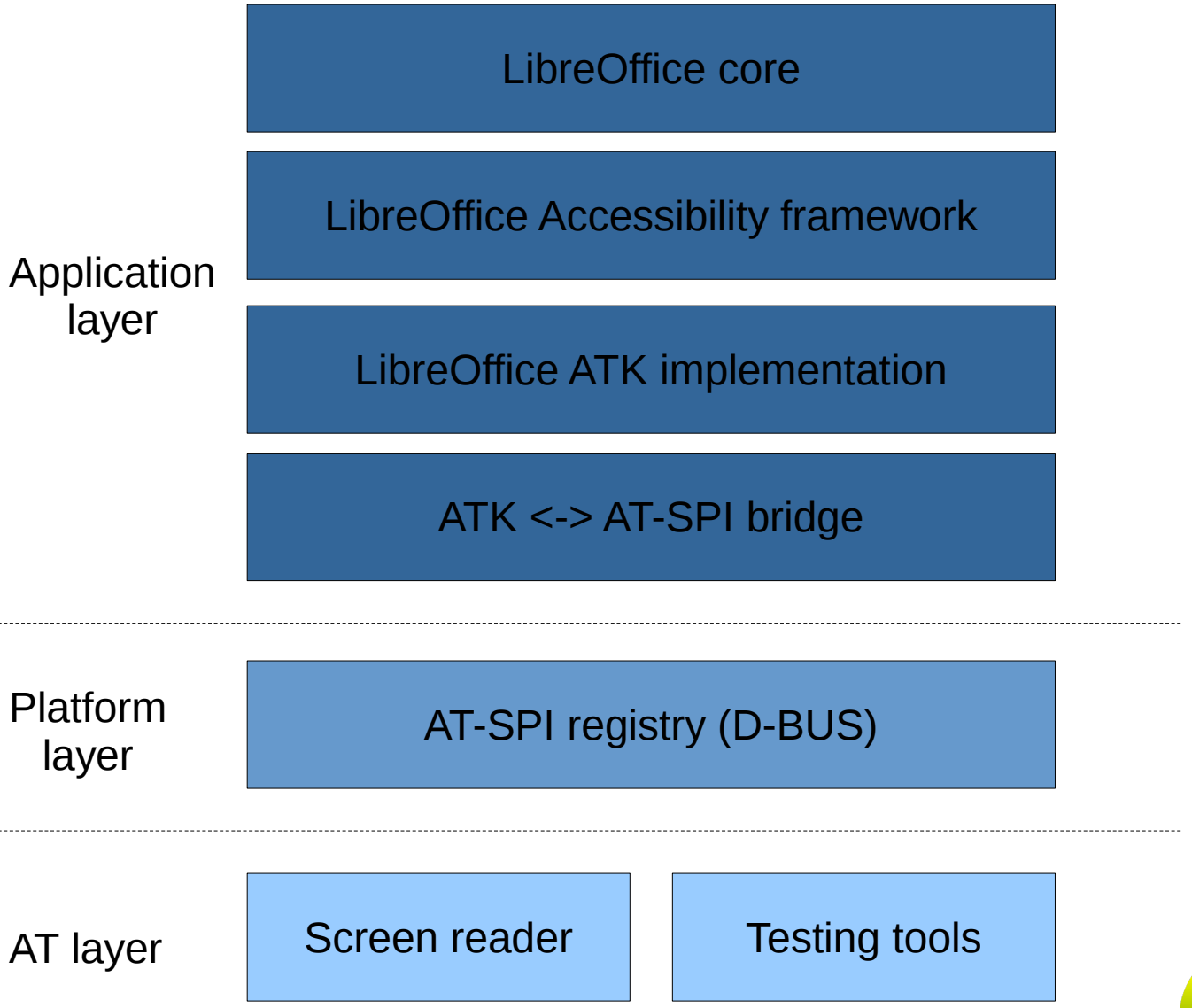
igalia

Interfaces involved



igalia

Layers



igalia

Health of LibreOffice accessibility

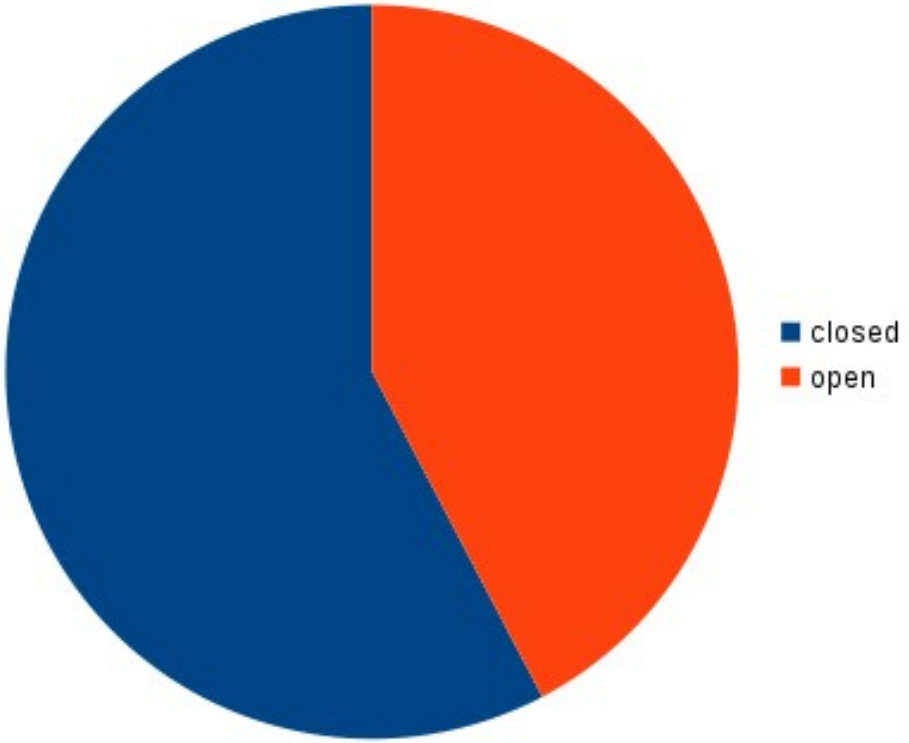
Bug metrics

- Sources:
  - fdo#36549 - Tracking bug for issues affecting a11y ATK and GNOME Orca screen reader support
  - fdo#55571 - Tracking bug for important issues related to the Mac OS X Accessibility API
  - fdo#60251 - Tracking Metabug for Windows OS accessibility and AT issues

igalia

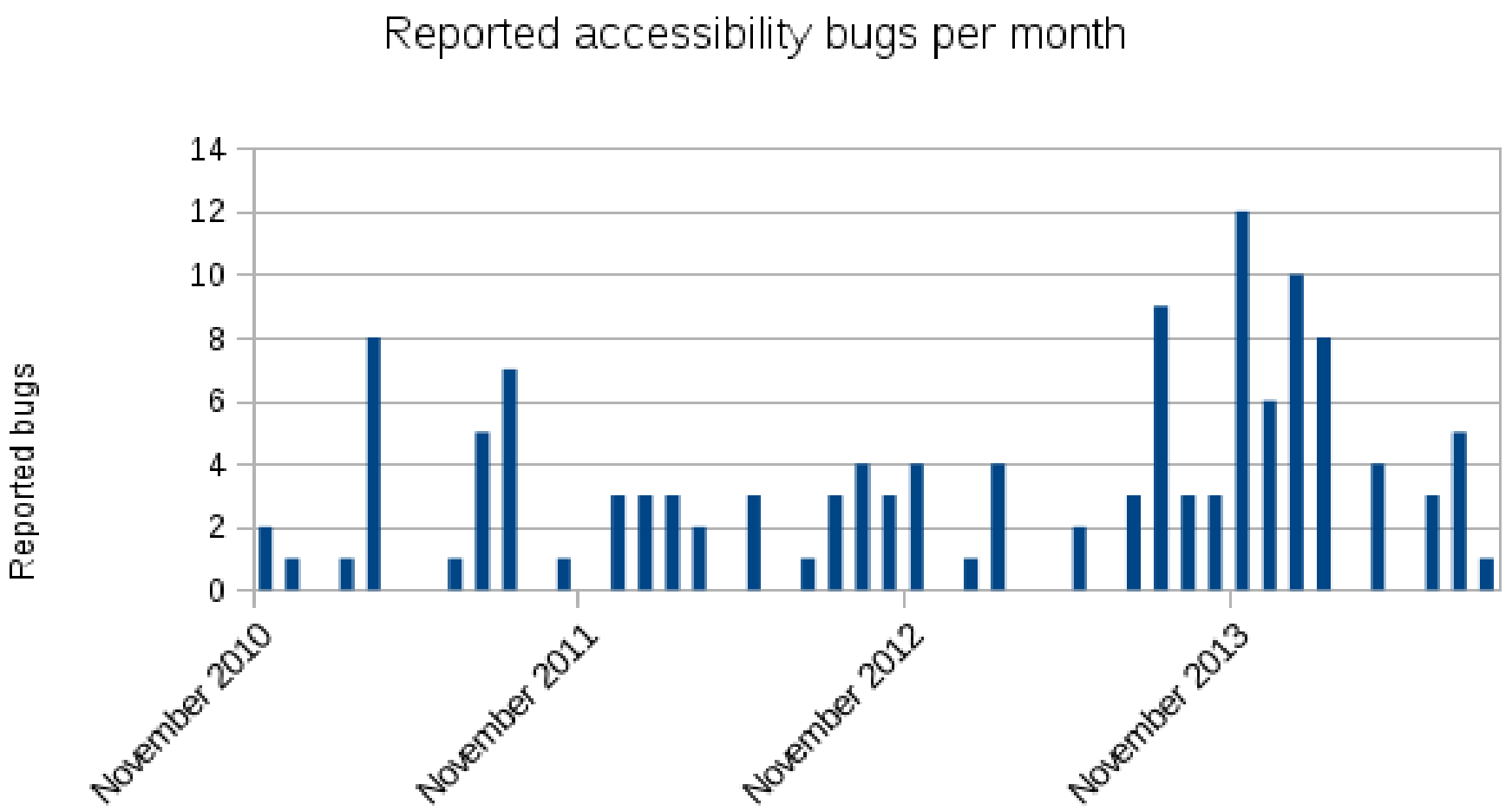
Bug metrics

- 130 bugs reported since November 2010
  - 55 open, 75 closed



igalia

Accessibility reports



igalia

Current status

igalia

Current status

- It's been under real user for years
  - Reports increase, suggests an increase of users
- Of course, there are open bugs
  - Like in any software!

igalia

Thanks!

- Open Source experts and consultants
- More than 12 years of experience
- Proud sponsors of this conference

igalia