

# Igalia and Wolvic

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# Igalia

- Open source consultancy. Founded in 2001
- More than 120 engineers. Headquarters in Europe, globally distributed
- Working with global customers: Google, Apple, Mozilla, Microsoft, Meta, Comcast, Vorwerk, Bloomberg, Salesforce, Brave and many others
- Multiple engineering teams working across the Linux&Android software stacks (compilers, graphics, multimedia, kernel)



# Igalia and the Web Platform

- 12 years working in all the open source web browsers
- Very active in W3C and TC39
- Main contributors to WebKit after Apple
- Main contributors to Chromium after Google
- Top contributors to Firefox and Servo
- Created WPE, a WebKit port for embedded that is used in hundreds of millions of devices (set-top-boxes, cooking machines, smart watches, vending machines, digital signage)

# Firefox Reality

- Developed by Mozilla since 2018
- XR browser for Android. Uses Gecko as backend (provides the WebXR APIs)
- Supported by a group of partner companies
- Development stopped in 2020
- Project shot down in 2022:

<https://blog.mozilla.org/en/mozilla/news/update-on-firefox-reality/>

# Wolvic

- Igalia took over Firefox Reality maintenance in late 2021
- Announced the new browser on January 2022
  - New website and branding, new repository
  - Creation of an open source community around it
  - Trying to engage with some of the Mozilla partners and some new ones
- Coordinated messaging with Mozilla: recommended Wolvic to their partners

# 2022 achievements (I)

- Lots of QA and bugfixing work
- Improved voice input support
- Improved search functionality
- Improved syncing capacities
- New Kiosk mode

# 2022 achievements (II)

- Upgraded to a recent Gecko
- Released a major version per quarter
- Renewed project infrastructure
- Supported devices: Oculus Quest 2 and Pro, Huawei VR Glass, HTC Vive Focus

# Roadmap: short term

(Q4 2022 - Q1 2023)

- Multi-backend architecture: Gecko + Chromium
- Initial hand tracking support
- PWA Support
- File upload and download
- Support for page zooming
- New devices: Lynx R1 confirmed, one more coming soon



# Roadmap - mid term

(Q2 2023 - Q4 2023)

- Support for XRlayers
- Enhanced hand tracking support
- Initial AR features (passthrough support, projecting to a wall)
- Initial eye tracking support
- WebPayments integration
- Better integration with peripherals
- Prototyping 3D UI elements

# Roadmap - long term

## (2024)

- Improved syncing
- Improved password management
- Prototype of a new backend: WPE/WebKit
- Advanced 3D UI elements
- Advanced AR support

# Releases and distribution

- New stable version of the project every quarter (3 months)
- Multiple minor releases each quarter with critical fixes
- Published and maintained in relevant App Stores
- Optionally partners could distribute it preloaded in their systems
- Goal: reach a meaningful installed base by the end of 2023



# Funding and direction

- The progress on the project will be conditioned by the funding that the partners inject
- Initially Igalia will guarantee a minimum team of 3 FTE in 2023
- Our goal is to increase this team organically as we get more partners onboard
- The partners will play a key role also setting direction for the project and agreeing about priorities



# Engaging for 2023

- Strategic partner: 300k EUR/year (2 years)
- Standard partner: 150k EUR/year (2 years)
- Open collective sponsorships:
  - Platinum sponsor: 20000 EUR/year
  - Gold Sponsor: 5000 USD/year
  - Silver sponsor: 2000 USD/year
- Ad hoc collaborations (needs at least standard partnership)

# Strategic partnership

- 1 FTE of engineering available for:
  - Guaranteed response time for critical bugs: next working day
  - Make sure that the browser works on the target devices provided by the customer (maximum 2 per year)
  - Work on performance optimizations targetting those devices
  - Increasing the compatibility with the target websites and use cases provided by the partner (maximum 8 per year)
  - Contributions to the Wolvic roadmap and new features
  - One meeting with the Wolvic team every two weeks to discuss priorities and influence the roadmap
  - 1 press release per quarter about the collaboration
  - Listed as strategic partner in the about page and main website
  - Partner highlighted in Wolvic booths in events

# Standard partnership

- 0.5 FTE of engineering available for:
  - Guaranteed response time for critical bugs: next week
  - Make sure that the browser works on the target devices provided by the customer (maximum 1 per year)
  - Increasing the compatibility with the target websites and use cases provided by the partner (maximum 4 per year)
  - Contributions to the Wolvic roadmap and new features
  - One meeting with the Wolvic team every month to discuss priorities and influence the roadmap
  - 1 press release per semester about the collaboration
  - Listed as standard partner in the about page and main website
  - Partner featured in Wolvic booths in events

# Open collective

- Platinum sponsor
  - Listed as Platinum sponsor in the about page and main website
  - Meeting with the Wolvic team every 3 months
  - Sponsor featured in Wolvic booths in events
- Gold sponsor
  - Listed as Platinum sponsor in the about page and main website
  - Meeting with the Wolvic team every 6 months
- Silver sponsor
  - Listed as Platinum sponsor in the about page and main website
  - Meeting with the Wolvic team every 6 months



# More information

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