

# Mozilla Projects

# about:me

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JavaScript++

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# Products



## Firefox

The free, non-profit browser for desktop and mobile.



## Firefox OS

An open operating system for mobile devices.



## Marketplace

A creation and distribution platform for apps.



## Persona

A better way to sign in to websites.



## Thunderbird

Safe, fast and easy email.



## Webmaker

Make something amazing with the Web.



# Tools



## Firefox Developer Tools

A collection of tools built in to Firefox.



## Bugzilla

A bug tracking system to help manage software development.



## Firebug

Inspect, debug, analyze and more inside your browser.

# Innovations



## WebFWD

Our community-driven innovation accelerator.



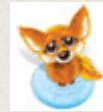
## Labs

New ways to explore, experiment and innovate.

# Get Involved



Helping Users



Web Development



Quality Assurance



Add-ons



Coding



Visual Design



Spread the Word



Documentation and Writing



Localization



Education

**mozillians**

Ask not what Mozilla can do for you  
but what you can do for Mozilla

<http://whatcanidoformozilla.org>

**Josh Matthews**  
<https://github.com/jdm>





Rust a safe, concurrent, practical language

<http://www.rust-lang.org/>

<https://github.com/mozilla/rust>



Type system	static, nominal, linear, algebraic, locally inferred
Memory safety	no null or dangling pointers, no buffer overflows
Concurrency	lightweight tasks with message passing, no shared memory
Generics	type parametrization with type classes
Exception handling	unrecoverable unwinding with task isolation
Memory model	optional task-local GC, safe pointer types with region analysis
Compilation model	ahead-of-time, C/C++ compatible
License	dual MIT / Apache 2



# Servo

## The Servo Parallel Browser Project

- prototype web browser engine written in the **Rust**
- developed on 64bit OS X and 64bit Linux

<https://github.com/mozilla/servo>



An LLVM-to-JavaScript Compiler

<https://github.com/kripken/emscripten>

# SHUMWAY



Flash VM and runtime written in JavaScript

<https://github.com/mozilla/shumway>



# Mozilla Research

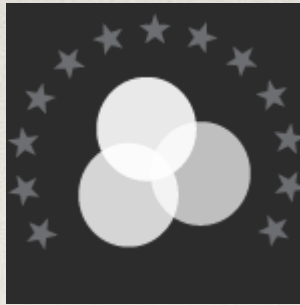
- LLJS
  - C-like type system with manual memory management
- `broadway.js`
  - pure JavaScript and HTML decoder of the H.264
- Parallel JavaScript
- `asm.js`



Efficient Portable Document Format (PDF) renderer  
without native code assistance

<https://github.com/mozilla/pdf.js>

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**Mozilla Popcorn** supercharges web video

<https://github.com/mozilla/popcorn-js>

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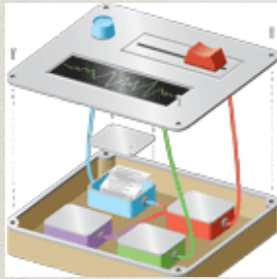


**TogetherJS** is a service for your website that makes it easy to collaborate in real-time

<https://github.com/mozilla/togetherjs>

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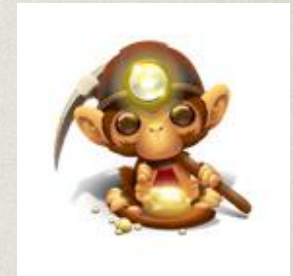
Meemoo



Open Badges

Browser ID

Persona



Prospector

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COMMUNITY ENGAGEMENT





- **Represent** Mozilla in their country/region
- **Promote** the Mozilla Project and our mission
- **Build on** and **support** existing/future local community efforts and programs
- **Inspire, recruit** and **support** new contributors
- **Support** and **mentor** future Mozilla Reps
- **Document** clearly all his/her activities



- Promote Firefox
- Support the successful launch of Firefox OS in communities (and campuses!) around the world
- Educate others about Mozilla's mission
- Grow the Mozilla Community



# Community Engagement

Opportunity to:

- learn new skills
- earn recognition
- advance leadership in the Mozilla community





## We teach the web

We're a global community dedicated to teaching digital skills and web literacy. We explore, tinker and create together to build a web that's open and made by everyone.

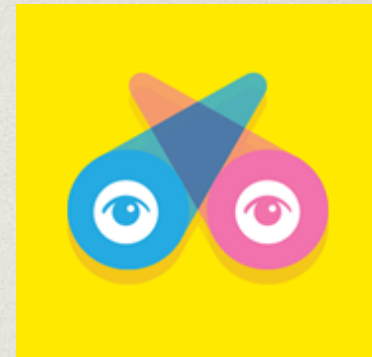
# Mozilla Webmaker



*Thimble*



*Popcorn*



*X-Ray Goggles*