Mozilla and its technologies

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Introducing Mozilla

When Mozilla has been created ?
Since when Mozilla is working on Firefox ?
Who is working for Mozilla ?
What is the economic model of Mozilla ?
What is the legal status of Mozilla ?
What is Mozilla exactly doing ?
For which audience Mozilla is working ?

What Mozilla means ?

- Codename of *Netscape Navigator*.
- Original name of the *Mozilla Application Suite*. Now, known as SeaMonkey.
- Mascot of Netscape.
- User Agent string.
- Mozilla Application Framework
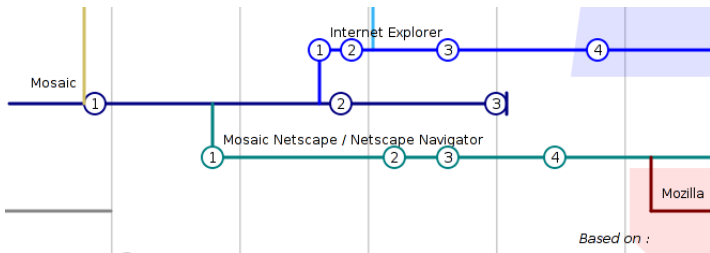- Mozilla Organization, Mozilla Foundation, Mozilla Corporation, Mozilla Messaging

Mozilla Historic

Mosaic 1992-1994

- ▶ By the National Center for Supercomputing Applications (NCSA) at UIUC
- ▶ First graphical web browser
- ▶ Not the first web brower, it was *WorldWideWeb* (renamed Nexus)

Timeline

Author: ADeveria (Wikimedia), GNU Free Documentation License

Netscape 1994-1998

- ▶ Originally Mosaic Communications Corporation
- ▶ By graduated students from UIUC
- ▶ Has been acquired by AOL in 1998

Mozilla Organization 1998-2003

- ▶ Make sure Mozilla Project can live without AOL
- ▶ Netscape team disbanded by AOL in 2003

Mozilla Foundation 2003-Present

- ▶ Support and manage Mozilla project.
- ▶ Subsidiaries:
  - ▶ Mozilla Corporation
  - ▶ Mozilla Messaging
- ▶ Affiliated:
  - ▶ Mozilla Europe
  - ▶ Mozilla Japan
  - ▶ Mozilla China

Some numbers

- ► Revenue: 75 millions
- ► Net income: 41 millions
- ► Employees:
    - ► Mozilla Corporation: 250+
    - ► Mozilla Foundation: 4
    - ► Mozilla Messaging: 10

Client applications

- ▶ Mozilla Firefox

- ▶ Mozilla Thunderbird

- ▶ Mozilla Sunbird / Lightning

- ▶ Fennec (Firefox for Maemo)

- ▶ Supported projects

    - ▶ SeaMonkey (was Mozilla Suite)
    - ▶ Camino

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Tools

- ▶ Bugzilla
- ▶ Tinderbox

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Libraries

- ▶ NSS (Network Security Services)
- ▶ NSPR (NetScape Portable Runtime)
- ▶ JavaScript Engines:
  SpiderMonkey (TraceMonkey), Tamarin, Rhino

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Mozilla Labs Projects

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- ▶ Concept Series
- ▶ Jetpack
- ▶ Personas
- ▶ Prism
- ▶ Raindrop
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Mozilla Platform

Mozilla Platform

Gecko

- ▶ Cross-platform layout engine
- ▶ Second most popular
- ▶ Used by Firefox, SeaMonkey, Flock, K-Meleon, ...
- ▶ Renders HTML, CSS, XUL, JavaScript

XUL

- ▶ XML User Interface
- ▶ Uses CSS, JavaScript and DOM

XULRunner

- ▶ Run XUL+XPCOM applications
- ▶ For standalone XUL applications

XPInstall

- ▶ Use Mozilla extensions in XUL-based applications
- ▶ .xpi files

Who is using the Mozilla Platform ?

Sunbird, Miro, Instantbird, Joost...

The Open Web

- ▶ Work **on** web standards
- ▶ Work **with** web standards
- ▶ HTML 5
- ▶ video, audio and 3d in the browser

Merci :)