

The Care and Feeding of Firefox 45.9.0

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What is Firefox 45.9.0 for OS/2

- Firefox 45.9.0 for OS/2 is a port of the Mozilla Foundation's Firefox browser.
- As the name implies it is based on the 45.9.0ESR release.
- Originally ported by bitwiseworks with support from Arca Noae.
- Current releases are by Dave Yeo.
- Version 45.9.0 was first offered to ESR channel users on April 19, 2017.

Where to get it

- **bitwiseworks**

<https://github.com/bitwiseworks/mozilla-os2/releases>

- **Get the GA2 release**

firefox-45.9.0-4.oc00.pentium4.7z

firefox-debuginfo-45.9.0-4.oc00.pentium4.7z

- **Dave Yeo**

<https://bitbucket.org/dryeo/mozilla-os2/downloads/>

firefox-45.9.0.en-US.os2-Pentium-m.zip

firefox-45.9.0.en-US.os2-i686-SUa1.zip

Installation Prep

- Read README.OS2 and ignore the install from RPM comments.
- Read RPM_REQUIREMENTS.
- Use ANPM or YUM to install the listed prerequisites.
- Choose your install style and location:
 - rpm/7z - %unixroot/usr
 - zip – application directory

Install from 7zip to %UNIXROOT%

- Open a command line session.
- cd to root of %UNIXROOT% drive.
- Extract archive to disk with 7z:
`7z x firefox-45.9.0-4.oc00.pentium4.7z`
- The files will be written to the /usr directory tree.

Install from zip file

- Create an application directory.
- Open a command line session in the application directory.
- Extract zip file to the application directory with:
`unzip firefox-45.9.0.en-US.os2-Pentium-m.zip`
- The files will be written to the firefox subdirectory.

Install from rpm file

- Start Arca Noae Package Manager.
- Select Manage->YUM Tools->Install from file from the ANPM menu.
- Point ANPM at the RPM file and click OK.
- The rpm content will install to %UNIXROOT%.

Highmem Utility

- Highmem can mark DLLs to load into high memory.
- This can help avoid running out of lower shared memory.
- Highmem must be used with care to avoid memory leaks that can occur when marked DLLs are unloaded.
- Install the highmem package with ANPM.

Mozturbo utility

- Preloads DLLs to speed application startup.
- It also helps prevent high memory leakage.
- Get the mozturbo-v0.5.zip package from:
<https://bitbucket.org/dryeo/mozturbo/downloads/>
- Use `ffturbo.exe` from the package.
- Create a Program Object to start `ffturbo` using:
Program: `*`
Parameters: `detach d:\usr\bin\ffturbo.exe -l`

Profiles

- Start with a new profile.
- Verify that Firefox starts and loads most pages.
- After this, you can copy bookmarks, passwords and cookies from your production profile.
- Disk space is cheap – backup your working profiles.

user.js file

- Use user.js to store preferences you want to be preset on startup.
- Useful preferences:

```
user_pref("print.os2.postscript.use_ibmnull", false);
```

Set false to allow PostScript features to pass through to PostScript Driver. If true duplex etc. will not work

```
user_pref("print.os2.postscript.use_builtin", true);
```

Set true to force Cairo to generate raw postscript to be sent to PostScript driver.

```
user_pref("browser.disableResetPrompt", true);
```

Gets rid of annoying Refresh your Browser prompt.

```
user_pref("browser.cache.disk.capacity", 51200);
```

```
user_pref("xpinstall.signatures.required", false);
```

Set false to allow local XPIs to install without complaints.

Extensions and Themes

- Recommended extensions and themes:

AdBlock Ultimate 2.20

Does not hog CPU to badly

`adblockultimate@adblockultimate.net.xpi`

User Agent Switcher 0.7.3.1

You will need this for some sites

`{e968fc70-8f95-4ab9-9e79-304de2a71ee1}.xxpi`

Silvermel Theme 2.0.1

Avoid some CPU hogging

`silvermel@pardal.de.xpi`

Silvermel and Charamel 2.0.2

Extends Silvermel and Charamel Styles

`silvermelxt@pardal.de.xpi`

Where to find extensions

- The main Mozilla extension site is dead to us.
- <https://addons.thunderbird.net/en-US/thunderbird>
Many Thunderbird extensions work with Firefox.
- <https://legacycollector.org/firefox-addons>
A large collection of Firefox extensions.
- <https://github.com/JustOff/ca-archive>
An extension that install legacy extensions.

Tuning network performance

- The following preferences are said to increase page download speed:

network.http.pipelining : true (default : false)

network.http.pipelining.maxrequests : 60 (default : 32)

network.http.max-connections : 192 (default : 256)

network.http.max-connections-per-server : 48 (default : 15)

network.http.max-persistent-connections-per-proxy :
42(default : 8)

network.http.max-persistent-connections-per-server : 10
(default : 6)

Known Issues

- 100% CPU Utilization
Use a non-default theme.
Do not minimize Firefox while it is busy.
- Page Layout Issues
Try a User Agent override
Linux 60.2 ESR often works.
- Login issues
Try a User Agent override.

Handy Links

- http://kb.mozillazine.org/Profile_folder_-_Firefox
Describes profile files and directories in detail.
<http://os2news.warpstock.org/Warpzilla.html>
Steve Wendt's Warpzilla page.



Thank You



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