HP-UX 11i Firefox Version 2.0.0.19.02 Release Notes

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Introduction

Firefox is an open-source web browser. It is the supported browser on HP-UX 11i.

Firefox version 2.0.0.19.02 for HP-UX provides online browsing and searching tools for HP-UX on HP PA-RISC 11i v1, v2, and v3 (11.11, 11.23, and 11.31) and HP Integrity 11i v2 and v3 (11.23 and 11.31).

What's New in this Release

The following are new in the Firefox 2.0.0.19.02 release:

- This version includes Firefox 2.0.0.19 changes from the Mozilla Foundation.
- The following defects reported in 2.0.0.19 are fixed in this release:
  - **QXCR1000935580**: Firefox errors on HP-UX 11i v3 (11.31)

    The following error message is displayed when accessing https sites:

    ```
    "Firefox received a message with incorrect Message Authentication Code."
    ```

    If the error occurs frequently, contact the website administrator.
  - **QXCR1000925420**: Firefox crash (Mozilla bug ID 374937)

    Firefox crash reported when accessing text field.

Downloading and installing Firefox

Prerequisites:

- Firefox uses the <u>GTK open-source windowing toolkit</u> on both PA and Integrity, which you must install before installing Firefox. Note: Without the GTK toolkit at /opt/gtk2.6 installed, you may see the message "Unable to find library 'libgtk-x11-2.0.so'".
- Mandatory patch for HP PA-RISC 2.0 (11.11). You must install patch <u>PHSS_33033</u> to use Firefox. This patch prevents hangs with 100% CPU utilization.

Installing the kit:

1. Login as root.
2. Make sure you have installed the appropriate version of the GTK (see above).
3. Please make sure an older version of Firefox is not running on the system before starting the new installation. Firefox installs under /opt/firefox. A new version installs over an older version. To keep an older version, copy or rename the older version to another location before you begin the installation of the new version.

   During installation, any system-wide changes done to the config files at /opt/ firefox are overwritten. However, user-specific configurations at $HOME/ .mozilla are not affected.

   Only files from the original Firefox installation are overwritten. Files added later are not removed, for example, Firefox plug-in files.

4. To download the `.depot` file, you need approximately 25MB of disk space (PA-RISC); 70MB (Integrity); 70 MB (Source Code). To install the software from the `.depot` file, you need an additional 60 MB disk space (PA-RISC); 100 MB (Integrity and Source Code). The download file runs on both Workstations and Servers. After installing the software, you can remove the `.depot` file. Download the software into a location with adequate space. We'll use the directory `/tmp` in our example.

5. To verify that the file downloaded correctly, at the UNIX prompt run the command `md5sum <filename>`. If the file downloaded correctly, the checksum number for the file you downloaded should match the checksum number given above for that file.

6. As root user, start Software Depot Install (SD Install) by typing:

   `# /usr/sbin/swinstall`

   a. To set install options, click the Options menu on the main SD Install window and click Change Options. We recommend setting the following install options:
   - Deselect Mount filesystems in `/etc/fstab` or `/etc/checklist`.
   - Select Reinstall filesets even if same revision exists.

   b. From the Actions menu click Change Source...

   c. Select Local Directory as the Source Depot Type.

   d. Enter the Source Host Name.

   e. Enter the Source Depot Path.

   If, for example, you downloaded the `.depot` file to the `/tmp` directory you would enter: **`/tmp/ffox_A3509ar_pa.depot`**

   If you downloaded the software into a directory other than `/tmp`, replace `/tmp` with that directory name.

   f. Click OK and SD Install will guide you through the installation.

7. After completing the installation, remove `/tmp/<filename>` file with the following command:

   `# rm -f /tmp/<filename>.depot`

8. Add the `/opt/firefox/` directory to your `$PATH`.

Running Firefox

To run Firefox, several environment variables must be defined before invoking the shell script that executes Firefox:

1. Ensure `$HOME` is defined as accessible and writeable across your network.

2. Ensure `$DISPLAY` is defined as:

   `# export DISPLAY=yourworkstation:0.0`

3. Invoke the script that runs Firefox:

```
# /opt/firefox/firefox
```

How to configure Firefox as the default browser using $BROWSER

You can set the `$BROWSER` environment variable so that applications using `$BROWSER` to locate the default Web browser will find Firefox.

Depending on your shell, you can set `$BROWSER` by:

```
# export BROWSER=/opt/firefox/firefox
```
or
```
# setenv BROWSER /opt/firefox/firefox
```

Support information

Information on the Runtime Plug-in for Java™ for HP-UX is available at <u>Runtime Plug-in 1.4.2.x for Netscape/Mozilla Downloads and Documentation</u> and <u>Java™ Technology Software on HP-UX</u>.

Additional information on Mozilla is available at <u>http://www.mozilla.org/</u>.

Direct your support requests to your local HP Support hotline or by using the <u>HP IT Resource Center</u>.

Known issues

Problem: Firefox doesn't associate anything to mailto protocol

Workaround:

Include the following in `$HOME/.mozilla/firefox/<>.default/prefs.js`:

```
 user_pref("network.protocol-handler.app.mailto","/opt/firefox/firefox");
```