Running FOP

1 Installation

1.1 Overview

The following software must be installed:

1.2 Instructions

Basic FOP installation consists of first unzipping the `.gz` file that is the distribution medium, then unarchiving the resulting `.tar` file in a directory/folder that is convenient on your system. Please consult your operating system documentation or Zip application software documentation for instructions specific to your site.

1.3 Problems

Some Mac OSX users have experienced filename truncation problems using Stuffit to unzip and unarchive their distribution media. This is a legacy of older Mac operating systems, which had a 31-character pathname limit. Several Mac OSX users have recommended that Mac OSX users use the shell command `tar -xzf` instead.

2 Starting FOP as a standalone application

Review the batch file fop.bat or the shell script fop.sh to see how FOP is invoked.

The standard scripts for starting FOP require that the environment variable JAVA_HOME be set to a path pointing to the appropriate Java installation on your system. Macintosh OSX includes a Java environment as part of its distribution. We are told by Mac OSX users that the path to use in this case is `/Library/Java/Home`. **Caveat:** We suspect that, as Apple releases new Java environments and as FOP upgrades the minimum Java requirements, the two will inevitably not match on some systems. Please see Java on Mac OSX FAQ for information as it becomes available.

```
fop [options] [-fo|-xml] infile [-xsl file] [-awt|-pdf|-mif|-pcl|-ps|-txt|-svg|-at|-print] <outfile>
```

[OPTIONS]

```
-d          debug mode
-x          dump configuration settings
-q          quiet mode
-c cfg.xml  use additional configuration file cfg.xml
-l lang     the language to use for user information
```

[INPUT]

```
infile            xsl:fo input file (the same as the next)
-fo  infile       xsl:fo input file
-xml infile       xml input file, must be used together with -xsl
-xsl stylesheet   xslt stylesheet
```

[OUTPUT]

```
outfile           input will be rendered as pdf file into outfile
-pdf outfile      input will be rendered as pdf file (outfile req'd)
-awt              input will be displayed on screen
-mif outfile      input will be rendered as mif file (outfile req'd)
-pcl outfile      input will be rendered as pcl file (outfile req'd)
-ps outfile       input will be rendered as PostScript file (outfile req'd)
-txt outfile      input will be rendered as text file (outfile req'd)
-svg outfile      input will be rendered as an svg slides file (outfile req'd)
-at outfile       representation of area tree as XML (outfile req'd)
-print            input file will be rendered and sent to the printer
                  see options with "-print help"
```

[Examples]

```
fop foo.fo foo.pdf
fop -fo foo.fo -pdf foo.pdf (does the same as the previous line)
fop -xsl foo.xsl -xml foo.xml -pdf foo.pdf
fop foo.fo -mif foo.mif
fop foo.fo -print or Fop -print foo.fo
```

```
fop foo.fo -awt
```

3 Problems

If you have problems running FOP, please have a look at the "How to get Help" page.