Running FOP

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1.1 Prerequisites

Following software must be installed:

a) Java 1.2.x or later

b) All libraries you need are part of the Fop distribution and can be found in the xml-fop/lib directory. Look at the batch/shell script fop.bat/fop.sh to see, how Fop can be invoked easily. These libraries are included:

- An XML parser which supports SAX and DOM like Xerces-J. (Xerces is the default xml parser)
- An XSLT processor (Xalan is included)
- The SVG library batik.jar is the library from the batik project at xml.apache.org.

1.2 Starting FOP as an standalone application

```
Fop      [options]      [-fo|-xml]    infile    [-xsl      file]
[-awt|-pdf|-mif|-pcl|-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)

        -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
```

1.3 Problems

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