

DocBook 2.0

Windows 安装指南

1. DocBook XSL stylesheets

<http://sourceforge.net/projects/docbook/files/> 下载 docbook-xsl-ns 压缩包
C:\DocBook\docbook-xsl-ns-1.76.1

docbook-xsl 包含 docbook-xsl-ns 子目录，docbook-xsl-ns 子目录包含 namespace 为 DocBook 的 DocBook namespace 为 DocBook 5.0 的 docbook-xsl 子目录。XSLT processor 包含 namespace 为 docbook-xsl-ns 的 docbook-xsl 子目录。

2. XSLT processor - xsltproc for Windows

<http://www.zlatkovic.com/pub/libxml/> 下载 iconv, libxml2, libxslt & zlib 4 个压缩包到 C:\DocBook\win32

3. XSL-FO processor - FOP

<http://xmlgraphics.apache.org/fop/> 下载 fop-1.0-bin.tar.gz 压缩包到 C:\DocBook\FOP

4. FOP 配置

```
C:\DocBook\FOP\conf\fop.xconf 添加 <renderer mime="application/pdf"> <font> </font>  
<directory recursive="true">C:\Windows\Fonts</directory>  
<auto-detect/>
```

FOP 配置 cache 目录为 %HOME%\fop\fop-fonts.cache

5. 编译 fo 文件为 XSL 文件

编译 DocBook 文件为 docbook-xsl-ns 格式的 XSL 文件。DocBook 文件为 docbook-xsl-ns XSL 文件。编译命令为 C:\DocBook\2ndboy.xsl

```

<?xml version='1.0'?>
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
  xmlns:exsl="http://exslt.org/common"
  xmlns:fo="http://www.w3.org/1999/XSL/Format"
  xmlns:ng="http://docbook.org/docbook-ng"
  xmlns:db="http://docbook.org/ns/docbook"
  exclude-result-prefixes="db ng exsl"
  version='1.0'>

  <xsl:import href=
"file:///C:/DocBook/docbook-xsl-ns-1.76.1/fo/docbook.xsl"/>

  <xsl:param name="body.font.family">SimSun</xsl:param>
  <xsl:param name="body.font.size">12</xsl:param>
  <xsl:param name="monospace.font.family">Consolas</xsl:param>
  <xsl:param name="title.font.family">SimHei</xsl:param>
  <xsl:param name="page.margin.inner">2cm</xsl:param>
  <xsl:param name="page.margin.outer">2cm</xsl:param>
  <xsl:param name="hyphenate">>true</xsl:param>
  <xsl:param name="paper.type" select="'A4'"/>
  <xsl:param name="draft.mode" select="'no'"/>
  <xsl:param name="fop1.extensions" select="1"/>
</xsl:stylesheet>

```

import href

PDF

Step 1: DocBook XML to fo

```

cd C:\DocBook
win32\bin\xsltproc --encoding utf-8 -o test.fo 2ndboy.xsl test.xml

```

Step 2: fo to PDF

```

cd C:\DocBook
FOP\fop -c FOP\conf\fop.xconf -fo test.fo -pdf test.pdf

```

```

cd C:\DocBook
FOP\fop -c FOP\conf\fop.xconf -xsl 2ndboy.xsl -xml test.xml -pdf test.pdf

```

❑❑ RTF

```
cd C:\DocBook
win32\bin\xsltproc --encoding utf-8 -o test.fo 2ndboy.xsl test.xml
FOP\fop -c FOP\conf\fop.xconf -fo test.fo -rtf test.rtf
```

❑❑ PNG

```
cd C:\DocBook
win32\bin\xsltproc --encoding utf-8 -o test.fo 2ndboy.xsl test.xml
FOP\fop -c FOP\conf\fop.xconf -fo test.fo -png test.png
```

❑❑ HTML

❑❑❑ HTML

```
cd C:\DocBook
win32\bin\xsltproc --encoding utf-8 -o test.html
docbook-xsl-ns-1.76.1\html\docbook.xsl test.xml
```

❑❑❑❑❑❑❑ HTML ❑ charset ❑❑❑ ISO-8859-1❑❑❑❑❑❑❑❑❑ （❑❑❑❑❑❑❑ HTML ❑❑ UTF-8 ❑❑❑❑❑❑❑❑ XSL❑

```
<?xml version='1.0' encoding="utf-8"?>
<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
  xmlns:exsl="http://exslt.org/common"
  xmlns:fo="http://www.w3.org/1999/XSL/Format"
  xmlns:ng="http://docbook.org/docbook-ng"
  xmlns:db="http://docbook.org/ns/docbook"
  exclude-result-prefixes="db ng exsl"
  version='1.0'>

  <xsl:import href=
"file:///C:/DocBook/docbook-xsl-ns-1.76.1/html/docbook.xsl"/>

  <xsl:output method="html" encoding="UTF-8" indent="no"/>
</xsl:stylesheet>
```

❑❑❑❑❑❑❑ C:\DocBook\html.xsl❑❑❑❑❑❑❑❑❑❑❑❑❑❑❑ HTML❑

```
cd C:\DocBook
win32\bin\xsltproc --encoding utf-8 --nonet -o test.html html.xsl test.xml
```


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```
cd C:\DocBook\FOP
mkdir fonts
java -cp
build\fop.jar;lib\avalon-framework-4.2.0.jar;lib\commons-logging-1.0.4.jar;li
b\commons-io-1.3.1.jar;lib\xmlgraphics-commons-1.4.jar
org.apache.fop.fonts.apps.TTFReader -ttcname SimSun
C:\Windows\fonts\simsun.ttc fonts\simsun.xml
java -cp
build\fop.jar;lib\avalon-framework-4.2.0.jar;lib\commons-logging-1.0.4.jar;li
b\commons-io-1.3.1.jar;lib\xmlgraphics-commons-1.4.jar
org.apache.fop.fonts.apps.TTFReader -ttcname SimHei
C:\Windows\fonts\simhei.ttf fonts\simhei.xml
```

```
■■ E:\DocBook\FOP\conf\fop.xconf■■■■■■■■■■ <renderer mime="application/pdf"> ■ <font> ■■■■
```

```
<font metrics-url="file:///C:/DocBook/FOP/fonts/simsun.xml" kerning="yes"
embed-url="file:///C:/Windows/fonts/simsun.ttc">
  <font-triplet name="SimSun" style="normal" weight="normal"/>
  <font-triplet name="SimSun" style="normal" weight="bold"/>
  <font-triplet name="SimSun" style="italic" weight="normal"/>
  <font-triplet name="SimSun" style="italic" weight="bold"/>
</font>
<font metrics-url="file:///C:/DocBook/FOP/fonts/simhei.xml" kerning="yes"
embed-url="file:///C:/Windows/fonts/simhei.ttf">
  <font-triplet name="SimHei" style="normal" weight="normal"/>
  <font-triplet name="SimHei" style="normal" weight="bold"/>
  <font-triplet name="SimHei" style="italic" weight="normal"/>
  <font-triplet name="SimHei" style="italic" weight="bold"/>
</font>
```

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Last update: **2012/10/09 06:56**

