

# YaHP Converter (Yet another Html to Pdf converter) v1.2.18c (07/07/2008) (works on j2se 1.4.2)

YaHP is a java library which permits to convert an html document into a pdf document.

YaHP is licensed under the LGPL (GNU).

YaHP use a pluggable renderer system. It has currently 4 renderers, each of them carrying advantages and disadvantages.

- The flying saucer renderer, good rendering, can set header/footer, choose page size. (is the default)
  - The swing renderer, most stable, good rendering, can set header/footer, choose page size.
- The OpenOffice.org renderer, average rendering, cannot set header footer nor page size. (worst renderer)
  - The firefox renderer, best rendering, can set header/footer, choose page size, must patch and compile a version of firefox, tested only on linux. Download pre-compiled version of the patched firefox (compiled on ubuntu dapper) [mozilla-print.tar.gz \(08/04/2006\)](#)

To use the openoffice.org renderer, you must first launch openoffice in listen mode like this:

```
oowriter "-accept=socket,port=8100;urp;"
```

(with the quotes), then set the correct properties (see CSimpleConversion.java).

To use the firefox renderer, you must first download the firefox source : firefox-1.5.0.1-source.tar.bz2 at <http://www.mozilla.org/>, then patch it with the files "[layout.printing.nsPrintEngine.diff](#)" and "[layout.printing.nsPrintEngineH.diff](#)", then compile it by issuing :

```
"/configure --prefix=/yourchoosenpath/mozilla-print/ --disable-logging --disable-tests
--disable-oji --disable-view-source --disable-accessibility --disable-composer --disable-ldap
--enable-canvas --disable-gnomeui --enable-application=browser
--with-user-appdir=.print.mozilla --enable-system-cairo", then "make install"
```

Copy the sh script "[fireprint](#)" in /yourchoosenpath/mozilla-print/, modify the path inside the script, then set the correct properties (see CSimpleConversion.java). --script refer to the path /yourchoosenpath/mozilla-print/fireprint.

You also need ps2pdf installed and in the path.

**New !Sample pdf with pagebreaks**

[Sample html with pagebreaks \(use to generate the previous pdf\)](#)

[New !Sample pdf with listing tables with automatic row break](#)

[Sample html with listing tables with automatic row break \(use to generate the previous pdf\)](#)

[New !Sample pdf with watermark](#)

[Sample html with watermark \(use to generate the previous pdf\)](#)

[Sample image used as watermark \(use to generate the previous pdf\)](#)

[New !Sample Freshmeat](#)

[New !Sample This page](#)

[New !Sample pdf 2](#)

[Sample pdf 3](#)

[New !Sample Da Linux French Page](#)

[Sample pdf 5 \(javadoc\)](#)

[Sample pdf 6 \(widget\)](#)

[New !Sample pdf 7 \(Google in chinese\)](#)

[Sample pdf 8 \(OpenOffice.org renderer\)](#)

[Sample pdf 9 \(OpenOffice.org renderer\)](#)

[Sample pdf 10 \(OpenOffice.org renderer\)](#)

[Sample pdf 11 \(This page\) \(OpenOffice.org renderer\)](#)

[Sample pdf 12 \(Google in chinese\) \(OpenOffice.org renderer\)](#)

[Sample pdf 13 \(Firefox renderer\)](#)

[Sample pdf 14 \(Firefox renderer\)](#)

[Sample pdf 15 \(Firefox renderer\)](#)

[Sample pdf 16 \(Firefox renderer\)](#)

[Sample pdf 17 \(Google in chinese\) \(Firefox renderer\)](#)

[Sample pdf 18 \(Firefox renderer\)](#)

[Sample pdf 19 \(This page\) \(Firefox renderer\)](#)

[Javadoc](#)



**!! Download v1.2.18c (tar.gz) - 07/07/2008 !!****Changes:**

- Rendering of form components (textfield, textarea, combo, radiobutton, checkbox, button , listbox) in the flying saucer renderer
  - Corrected double encoding of &, < and >
  - Normalize html entity before rendering
- known bug: Header/footer rendering does not works in headless mode for the flying saucer renderer
  - Updated samples.
  - Code cleanup

[Download v1.2.18b \(tar.gz\) - 05/07/2008](#)

**Changes:**

- Tested with j2se 1.4.2.

[Download v1.2.18a \(tar.gz\) - 04/07/2008](#)

**Changes:**

- Better rendering of tags soup.

[Download v1.2.18 \(tar.gz\) - 04/07/2008](#)

**Changes:**

- Clean up, ensure compat with jdk 1.5.
  - Updated samples.

[Download v1.2.18-pre1 \(tar.gz\) - 01/07/2008](#)

**Changes:**

- Added flying saucer xhtml renderer.
  - Updated samples.

[Download v1.2.17 \(tar.gz\) - 02/07/2007](#)

**Changes:**

- Fixed a NPE if the FOP\_TTF\_FONT\_PATH properties is not set.

[Download v1.2.16 \(tar.gz\) - 19/06/2007](#)

**Changes:**

- Font embedding does not need anymore the fonts to be in the OS system fonts folder in jdk < 1.6 on windows OSs.(Thanks to Takis Bouyouris)

[Download v1.2.15 \(tar.gz\) - 17/06/2007](#)

**Changes:**

- Font embedding does not need anymore the fonts to be in the OS system fonts folder in jdk < 1.6.

[Download v1.2.14 \(tar.gz\) - 15/06/2007](#)

**Changes:**

- Sometimes the font embedding was still not working while running inside tomcat, this bug has been fixed.
  - Works again in headless mode.
- Font embedding does not need anymore the fonts to be in the OS system fonts folder.

[Download v1.2.13 \(tar.gz\) - 13/06/2007](#)

**Changes:**

- Fix bug: The font embedding was not working while running inside tomcat. (Thanks to Takis Bouyouris)
- Fix bug: Sometimes when running inside tomcat, the following error occurred: 'UIDefaults.getUI() failed: no ComponentUI class for: javax.swing.JTextPane'. (Thanks to Takis Bouyouris)

[Download v1.2.12 \(tar.gz\) - 11/06/2007](#)

**Changes:**

- Removed the method "getResources" from the classloader, because this method is marked as final in 1.4 JVM and so did break compatibility of yahp with 1.4 vm.

[Download v1.2.11 \(tar.gz\) - 11/05/2007](#)

**Changes:**

- Updated classloader.
- Use current DPI screen settings to calculate page size.

[Download v1.2.10 \(tar.gz\) - 26/04/2007](#)

**Changes:**

- Updated parser to ShaniXmlParser-v1.4.16.
  - Updated xalan.

[Download v1.2.9 \(tar.gz\) - 24/04/2007](#)

**Changes:**

- Updated parser to ShaniXmlParser-v1.4.15.
- The swing renderer can now render fieldset and legend tags.

[Download v1.2.8 \(tar.gz\) - 19/04/2007](#)

**Changes:**

- Updated parser to ShaniXmlParser-v1.4.14.

[Download v1.2.7 \(tar.gz\) - 13/04/2007](#)

### Changes:

- v1.2.6 was broken in application server environment.

[v1.2.6 \(tar.gz\) - 13/04/2007 \(NUKED\)](#)

### Changes:

- Use FOP 0.93.
- Can now embed automatically TrueType font by giving a path where TTF files are located with the yahp parameter IHtmlToPdfTransformer.FOP\_TTF\_FONT\_PATH.
  - The page-break <yahp:pb> works again.
  - Updated samples PDF for the swing renderer.
    - Updated javadoc.

[Download v1.2.5 \(tar.gz\) - 12/04/2007](#)

### Changes:

- Corrected PageSize class where bottom margin was set incorrectly in CM.
  - Corrected support for accentuated letters.
  - Updated classloading mechanism.
- Corrected incorrect page count on some html.

[Download v1.2.4 \(tar.gz\) - 11/04/2007](#)

### Changes:

- Remove infinite loop in the css parser.
- Tidyfy html before sending to rendering.
- Corrected a class cast exception in the swing border helper.
  - If base url not set, take base tag as base url if found.

[Download v1.2.3 \(tar.gz\) - 09/04/2007](#)

### Changes:

- Updated xml/html parser.
- Default charset to utf-8.

[Download v1.2.2 \(tar.gz\) - 16/03/2007](#)

### Changes:

- Correct errors with commons-logging under tomcat on windows.

[Download v1.2.1 \(tar.gz\) - 05/01/2007](#)

### Changes:

- Ignore attribute's case on image tag.

[Download v1.2 \(tar.gz\) - 07/12/2006](#)

**Changes:**

- Corrected rendering of elements with size set in percent.

[Download v1.1beta2 \(tar.gz\) - 10/08/2006](#)

**Changes:**

- Rendering of CSS border in the swing renderer.
  - Better memory usage.
- Use Shani xml parser v1.4.6.

[Download v1.0 \(tar.gz\) - 21/07/2006](#)

**Changes:**

- Corrected non rendering of table row on edge of pages in the swing renderer.
  - Better memory usage.
- Use Shani xml parser v1.4.2.

[Download v0.99 \(tar.gz\) - 05/07/2006](#)

**Changes:**

- Corrected disappearance of header/footer in the swing renderer.
- Better memory usage when css style is put on the document.

[Download v0.98 \(tar.gz\) - 05/07/2006 \(N/A\)](#)

**Changes:**

- Huge memory usage improvement.
- Use Shani xml parser v1.3.8.

[Download v0.97 \(tar.gz\) - 23/06/2006](#)

**Changes:**

- Add intelligent and automatic table rows break in the swing renderer.

[Download v0.96 \(tar.gz\) - 19/06/2006](#)

**Changes:**

- Fix incorrect alignment with embedded fonts in the swing renderer.
  - Javadoc updated.

[Download v0.95 \(tar.gz\) - 17/06/2006](#)

**Changes:**

- Corrected incorrect right alignment of text in pdf generated by the swing renderer.
  - Javadoc updated.

[Download v0.94 \(tar.gz\) - 08/06/2006](#)

**Changes:**

- The swing renderer now has a pagebreak tag which permits to cut one document in several pages.
  - Possibility to embed font with the yahp-fop-config.xml file.
  - Javadoc updated.
  - Sample application updated.

[Download v0.93 \(tar.gz\) - 15/04/2006](#)

**Changes:**

- Better rendering of forms components (button, field, ...) in the swing renderer. (see widget.pdf)
  - List box are now rendered with the swing renderer.
  - Javadoc updated.
  - Swing renderer samples files updated.

[Download v0.92 \(tar.gz\) - 14/04/2006](#)

**Changes:**

- Rendering of forms components (button, field, ...) is now custom made in the swing renderer.
  - The swing renderer is two times faster.
  - Correct rendering of scaled page with the swing renderer.
- Rendering of the content of input field and textarea with the swing renderer.
  - Sample application updated.
  - Javadoc updated.
  - Swing renderer samples files updated.

[Download v0.91 \(tar.gz\) - 11/04/2006](#)

**Changes:**

- Can sign a document with a certificate.
  - Code cleanup.
- Sample application updated.
  - Javadoc updated.

[Download v0.90 \(tar.gz\) - 08/04/2006](#)

**Changes:**

- Corrected "drawing error" occuring in acrobat reader of samples pdf generated with the firefox renderer by using latest ghostscript and not ghostscript eps.
- Ensure all buttons/combo/textfield are painted with the swing renderer.
  - Sample application updated.
  - Javadoc updated.
  - All samples files updated.

[Download v0.20 \(tar.gz\) - 07/04/2006](#)

**Changes:**

- Support header/footer in utf-8 with the firefox renderer.
- Support concurrent rendering with the firefox renderer.
- Better rendering of comboboxes and buttons with the swing renderer, they are painted as vector instead of bitmap.
  - Sample application updated.

- Javadoc updated.
- All samples files updated.

[Download v0.19 \(tar.gz\) - 05/04/2006](#)

### Changes:

- Can set header/footer and page size with the firefox renderer.
- Recompiled iText to work on 1.4 JVM and corrected a LinkageError on 1.4 JVM.
  - Sample application updated to use all the new properties.
    - Javadoc updated.
  - Firefox samples files updated.

[Download v0.18 \(tar.gz\) - 02/04/2006](#)

### Changes:

- Added a new renderer which use firefox as html renderer.
- Sample application updated to use all the new properties.
  - Javadoc updated.
  - Samples files updated.

[Download v0.17 \(tar.gz\) - 30/03/2006](#)

### Changes:

- Renderers are now pluggable.
- Added a new renderer which use OpenOffice.org writer as pdf generator.
  - Sample application updated to use all the new properties.
  - Refactoring and cleanup of code.
- Does not copy yahpxxx.jar in the temp directory anymore.
  - Javadoc updated.
  - Samples files updated.

[Download v0.16 \(tar.gz\) - 24/03/2006](#)

### Changes:

- Added handling of pdf encryption.
- Added several properties in IHtmlToPdfTransformer interface, see javadoc.
  - Cleanup of code.
  - Updated the javadoc.
- Updated to the new ShaniXmlParser 1.3.6.
  - All samples files updated.

[Download v0.15 \(tar.gz\) - 23/03/2006](#)

### Changes:

- Correct rendering of page containing chinese characters.
  - Better rendering of button/checkbox components.
  - Updated to the new ShaniXmlParser 1.3.6-pre.
    - Samples files updated.

[Download v0.14 \(tar.gz\) - 20/03/2006](#)

### Changes:



- Intelligent cutting of pages.
- Better rendering of page footer.

[Download v0.13 \(tar.gz\) - 17/03/2006](#)

### Changes:

- Detect if rendering in the event thread and avoid calling SwingUtilities.invokeLaterAndWait in this case.
  - Ensure synchronized rendering of image inside the document.
  - Updated to the new ShaniXmlParser 1.3.5.

[Download v0.12 \(tar.gz\) - 16/11/2005](#)

### Changes:

- Use SwingUtilities.invokeLaterAndWait to synchronize with the swing paint thread.
  - Better rendering of page header. (page footer still rendered as image)
    - Samples files updated.

[Download v0.11 \(tar.gz\) - 07/11/2005](#)

### Changes:

- Add property "FAST\_TRANSFORM" default to true, which permits to have faster transformation, but will produce black background on transparent gif under kpdf (only so far).
- Circumvent a NullPointerException in JDK ParagraphView class under jdk 1.4.2

[Download v0.10 \(tar.gz\) - 02/11/2005](#)

### Changes:

- Set the org.apache.commons.logging.Log System property to force the use log4j instead of setting wrongly with a LogFactoryImplementation.

[Download v0.9 \(tar.gz\) - 28/10/2005](#)

### Changes:

- Correct rendering of comboboxes.
- Correct rendering of images with transparent zone (no more black background)
- Set the org.apache.commons.logging.Log System property to force the use of the default logger inside the Yahp context.
  - Samples files updated.
  - Javadoc updated

[Download v0.8 \(tar.gz\) - 26/10/2005](#)

### Changes:

- Corrected a memory leak in the classloader due to commons logging.
  - Destroy the classloader on finalization.
- Added the META-INF/services/org.apache.commons.logging.LogFactory file to force the use of the default logger inside the Yahp context.

[Download v0.7 \(tar.gz\) - 23/10/2005](#)

**Changes:**

- Remove not selected option tag from DOM.
  - Updated xml parser.

[Download v0.6 \(tar.gz\) - 24/09/2005](#)

**Changes:**

- Better rendering quality.
- Render directly in the pdfgraphics2d and do not use an offscreen buffer which had bad rendering quality.
  - Fonts are now vectorized and not as bitmap.
    - Samples updated.
    - Javadoc updated.

[Download v0.5 \(tar.gz\) - 23/09/2005 \(modified, first 0.5 has still buttons display problem, consider the first 0.5 as nuked ;\)](#)

**Changes:**

- Force HTMLEditorKit on the JTextPane used for rendering. (prevent source display)
  - Remove the doctype node if any before giving the source to the JTextPane
  - Now render correctly the Text field, buttons, combobox, ... (before was blank)

[Download v0.4 \(tar.gz\) - 22/09/2005](#)

**Changes:**

- Remove the use of TimeoutException in the CMutex clas because this exception only exists in JDK 1.5
  - Set the thread context classloader to prevent Duplicate Class.

[Download v0.3 \(tar.gz\) - 21/09/2005](#)

**Changes:**

- Document/javadoc
- Set antialiasing on the graphics2d object.
  - handle '../' in css and image links.

[Download v0.2 \(tar.gz\)](#)

**Changes:**

- Use a specialised classloader to load inner jar.
  - Compile FOP for jdk1.4 instead of 1.5.

[Download v0.1 \(tar.gz\)](#)

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