Setting Up Office 2007 - 2010 Support for VirtualViewer Java and VirtualViewer Java AJAX

To render Word 2007 - 2010, Excel 2007 - 2010 and PowerPoint 2007 - 2010 documents, VirtualViewer may rely on third party packages. Aspose.Cells, Aspose.Slides and Aspose.Words for Java are distributed with VirtualViewer Java and VirtualViewer Java AJAX. The following Aspose.Words and Aspose.Cells files are located in the `WEB-INF\lib\` directory with your VirtualViewer Java and VirtualViewer Java AJAX installation:

N O T E
If you are installing the VirtualViewer Stand Alone applet, please see ''Setting Up Office 2007 - 2010 Support for the VirtualViewer Stand Alone Applet''.

```
Aspose.Words.jdk14.jar
Aspose.Words.jdk15.jar
Aspose.Words.jdk16.jar
aspose.slides-2.5.0.jar
Aspose.Total.Product.Family.lic
```
(Note: This file might not be distributed with the non-evaluation version of VirtualViewer Java and VirtualViewer Java AJAX.)
`Aspose.Cells.jar`
`dom4j-1.6.1.jar` (Note: This file is only for Aspose.Cells use.)
`log4j-1.2.16.jar` (Note: This file is for Aspose.Slides use.)
`AdvancedImagingAPI.jar` (Note: This file is for Aspose.Slides use.)

If you do not have the `Aspose.Words` files mentioned above, you can download `Aspose.Words`, `Aspose.Slides` or `Aspose.Cells` from the following location:

http://www.aspose.com/Downloads

N O T E
To find the Aspose Java jar product number, open up the Aspose.*.jar file and find the `meta-inf/manifest.mf` file. The value next to **Implementation-Version:** is the Aspose version number.

If you do not have the `jai_codec.jar` or the `jai_core.jar` files mentioned above, you can download them from the following location:

http://www.oracle.com/technetwork/java/current-142188.html

The current version of Office 2007 includes the following version of Aspose:

`Java Cells 2.5.2, Java Words 4.0.3 and Java Slides 2.5.0`

To set up Office 2007 - 2010 support for VirtualViewer Java support:

1. Copy the following files into a directory (e.g. "C:\aspose\ "):

```
Aspose.Words.jdk14.jar
Aspose.Words.jdk15.jar
Aspose.Words.jdk16.jar
aspose-Cells.jar
aspose.slides-2.5.0.jar
Aspose.Total.Product.Family.lic
JRE System Library jdk1.5.0_02
retrotranslator-runtime-1.2.9.jar
backport-util-concurrent-3.1.jar
Aspose.slides-2.6.0.0-jdk14.jar
dom4j-1.6.1.jar
log4j-1.2.16.jar
AdvancedImagingAPI.jar
```

> **N O T E**
> Snowbound Software provides the following versions of JDK .jar files: `Aspose.Words.jdk14.jar`, `Aspose.Words.jdk15.jar` and `Aspose.Words.jdk16.jar`. VirtualViewer Java and VirtualViewer Java AJAX will automatically detect which version you are using and use the correct file.

To render Word 2007 - 2010, Excel 2007 - 2010 and PowerPoint 2007 - 2010 documents, VirtualViewer may rely on third party packages. In order to properly integrate these packages, the CLASSPATH may have to be modified. You can specify additions to the CLASSPATH using the `web.xml` parameter `classPathAddition` under the `FlexSnapSIRetrievalServlet` according to the following example:

> **N O T E**
> Please make a backup copy of the `web.xml` file before you edit it.

```
<init-param>
    <param-name>classPathAddition</param-name>
    <param-value>c:\aspose\Aspose.Cells.jar;c:\aspose\;C:\aspose\dom4j-1.6.1.jar;
C:\aspose\aspose.slides-2.5.0.jar;C:\aspose\log4j-1.2.16.jar;C:\aspose\jai_codec.
jar;C:\aspose\jai_core.jar;
```

```
    </param-value>
</init-param>
```

2. Edit your `web.xml` file and add the `officeLicensePath` parameter beneath the `loglevel` parameter.

NOTES ————————

1. Be sure to include the trailing slash in this parameter when specifying a directory.

2. The `officeLicensePath` parameter was known as `docxLicensepath` in prior releases.

Your file should look something like this:

```
<init-param>
   <param-name>logLevel</param-name>
   <param-value>ALL</param-value>
</init-param>

<init-param>
   <param-name>officeLicensePath</param-name>
   <param-value>C:\aspose\Aspose.Total.Product.Family.lic</param-value>
</init-param>
```

NOTES ————————

1. If an Aspose license file is not specified, or if it has expired, an Aspose watermark will appear on output files.

2. If you are not able to convert a document successfully, please report it to Snowbound Software Technical Support by submitting a ticket at www.support.snowbound.com.

Setting Up Office 2007 - 2010 Support for the VirtualViewer Stand Alone Applet

If you are using the VirtualViewer Stand Alone applet, you need to set the `clientOfficeLicensePath` parameter to specify the Aspose license.

The Aspose license file can be placed on the server in a location relative to the applet code base.

For example, if you place the license at the same folder as the jar file, your file should look like the example below:

```
<param name="clientOfficeLicensePath"
value="Aspose.Total.Product.Family.lic">
```

You could also place the license one or more levels below the jar file, in that case, your file should look like the example below:

```
<param name="clientOfficeLicensePath" value="<param
name="clientOfficeLicensePath"
value="licenses/Aspose.Total.Product.Family.lic">
```

Setting the Format Parameters to Display Color Output in Office 2007 - 2010 Documents

To display color output in Office 2007 - 2010 documents, set the `xlsxBitDepth` and `docxBitDepth` parameters to 24 and the `xlsxDPI` and `docxDPI` parameters to 200 as shown in the following example:

```
<init-param>
    <param-name>xlsxBitDepth</param-name>
    <param-value>24</param-value>
</init-param>

<init-param>
    <param-name>xlsxDPI</param-name>
    <param-value>200</param-value>
</init-param>

<init-param>
    <param-name>docxBitDepth</param-name>
    <param-value>24</param-value>
</init-param>

<init-param>
    <param-name>docxDPI</param-name>
    <param-value>200</param-value>
</init-param>
```