



Introduction

Office2fO is a set of XSLT transformations which will convert Open Document Format documents to the XSL-FO format.

The Open Document Format (ODF) is an XML format for electronic office documents. The ODF format is under the stewardship of the OASIS who drive the development, convergence and adoption of open standards for the global information society. More information on ODF can be found at <http://www.oasis-open.org/committees/office>

XSL Formatting Objects (XSL-FO) is an XML-based language for document formatting. It is used to output to a number of formats including SVG, TIFF, Print, Awt but it's primary output format is PDF. The XSL-FO format is managed by W3C and can be found at <http://www.w3.org/TR/xsl/>

Getting the Office2fO OpenOffice export filter

You can download the Office2fO export filter from SourceForge at http://sourceforge.net/project/showfiles.php?group_id=237559

Once downloaded extract the zip file containing the XSLT transformation files to a directory on your local system.

Installing the Office2fO OpenOffice export filter

Start the OpenOffice writer application and click the `Tools -> XML Filter Settings` menu item. The dialog shown in Figure 1 will be displayed.

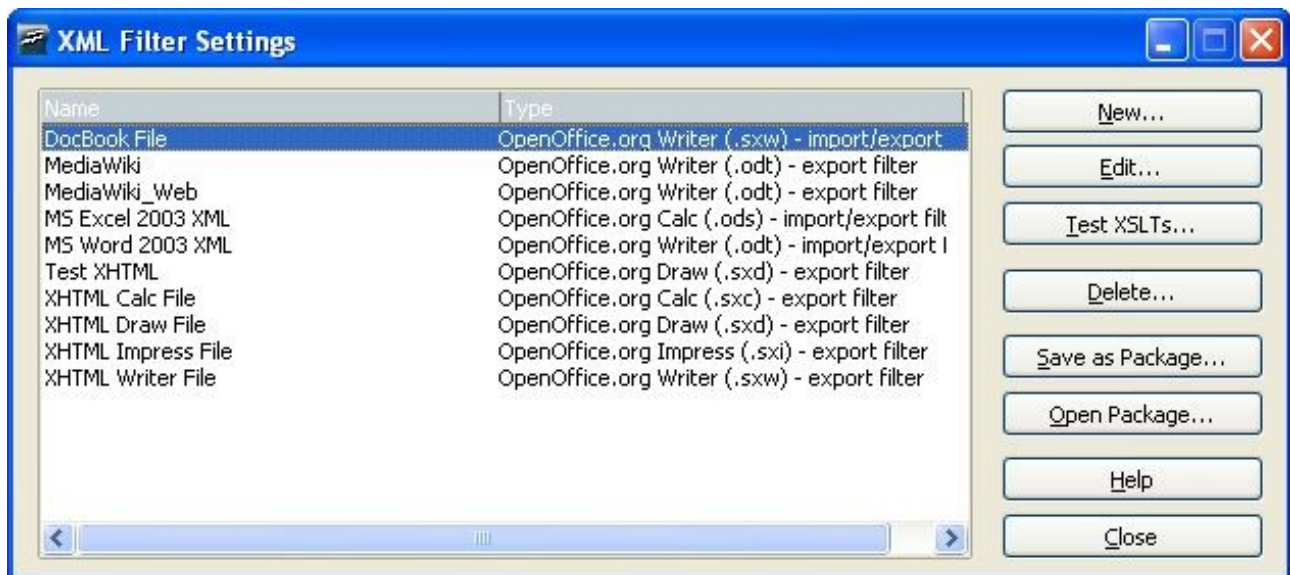


Figure 1: The Filter Settings Dialog

In order to install the Office2fO export filter click the `New` button. The dialog shown in Figure 2 will appear. Fill in the details as shown in the dialog. Please note that the `.sxw` filter should always be selected even though

the filter may be used to export .odt files.

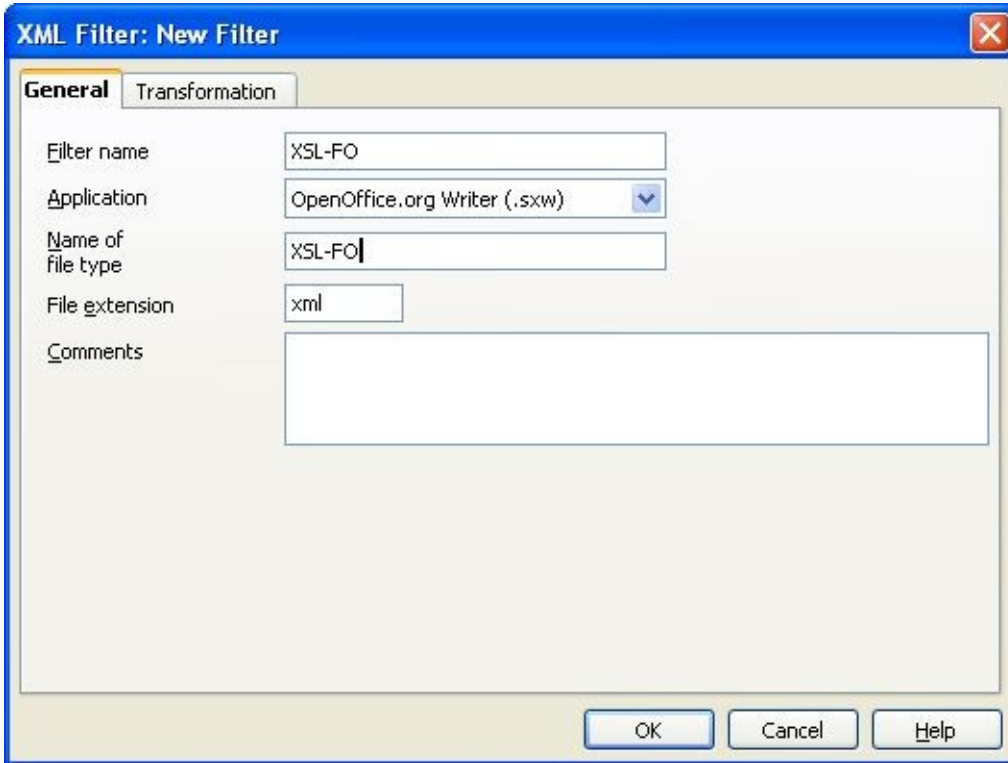


Figure 2: The New Filter Dialog General Tab

Now click the Transformation tab and select the writer2xslfo.xsl file that was downloaded from the Office2fO project.

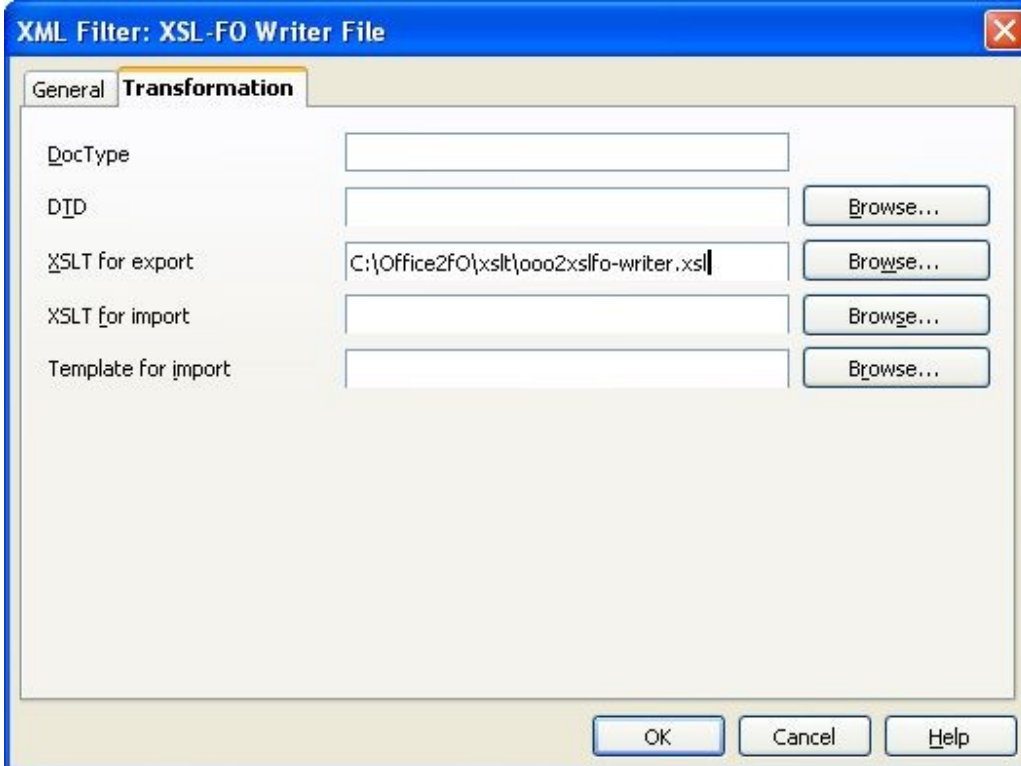


Figure 3: The New Filter Dialog Transformation Tab

The new export filter is now ready to use. When a document is open in the Writer application the user can click the File -> Export menu item in order to export the current document. The export dialog shown in Figure 4 will be displayed. Select the new XSL-FO filter from the list of file formats at the bottom of the

dialog, enter the name of the file to create and click the Save button.

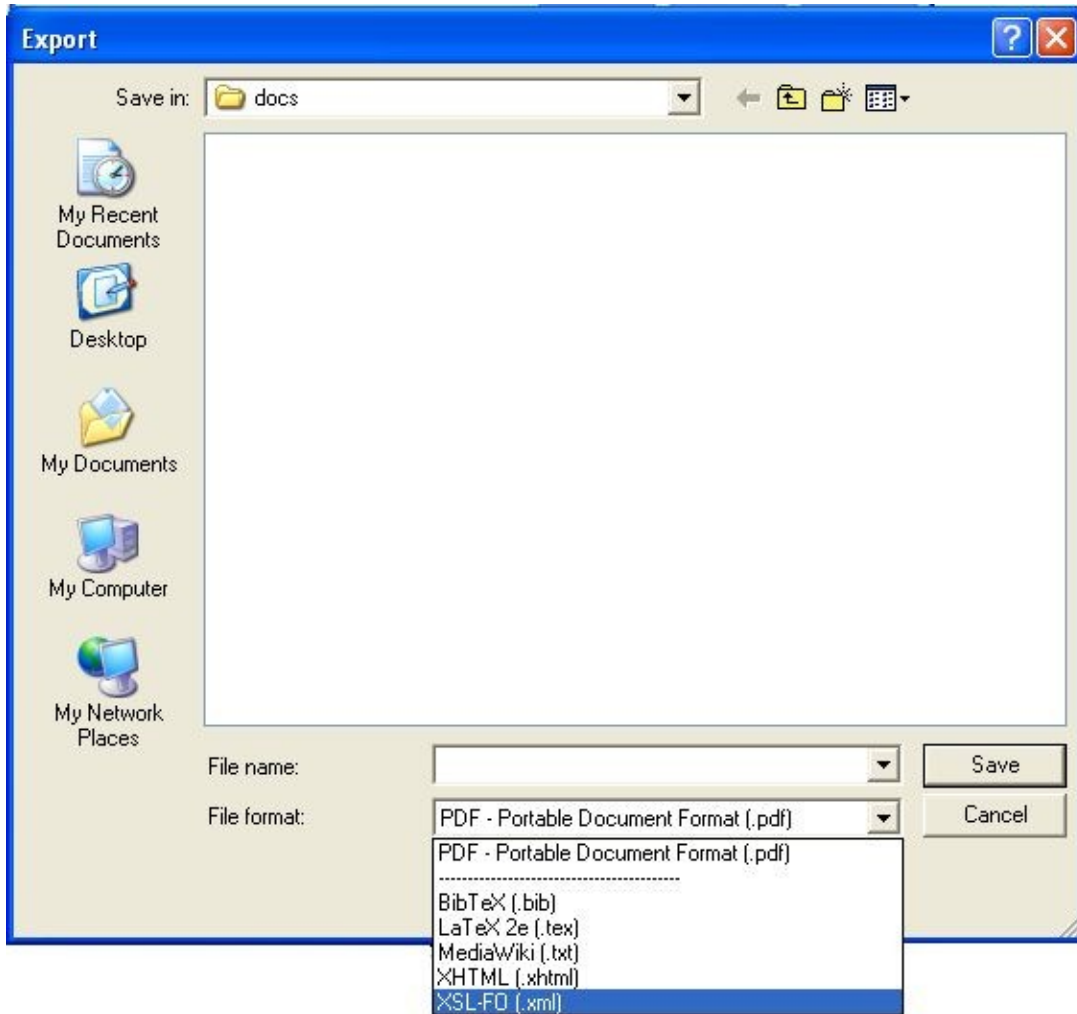


Figure 4: The Export Dialog

Using the filter directly from Java

If you wish to convert .ODT documents directly from Java without having to configure the filter in OpenOffice you can do so with the conversion application available for download from SourceForge. When you download and extract the application double-click the run.bat file to start the application. It will appear as shown in figure 5 below.

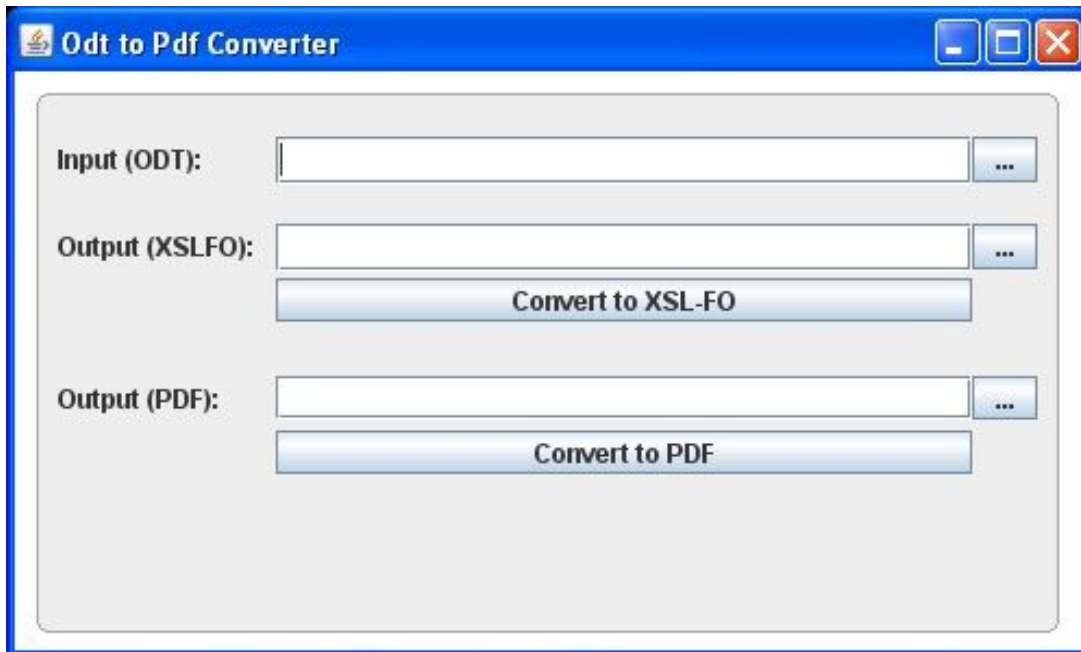


Figure 5: The Conversion Application

Enter the path to the document you wish to convert in the first text box. If you wish to convert to XSL-FO, enter the path to the output document in the second text box. Click the `Convert to XSL-FO` button to carry out the export and create the file.

If you wish to carry out an export and test the output, enter the path to the output PDF in the third text box. Click the `Convert to PDF` button and the conversion will be carried out. The PDF will be generated using the XSL-FO output and Apache FOP. You can now open the generated PDF in a PDF viewer.