

Case study

XML to PDF conversion using Formatting Object Processor (FOP)

The Client

Leading India based global credit rating agency, financial research and advisory company

The Problem

The client wished to automate the process of converting XML formatted files into PDF formatted files using FOP. The XML and the required XSL files for transforming were provided by the client.

The Solution

Harrier developed the solution for conversion of XML files to PDFs that incorporates with the existing application. The application accepts the file path of the XML and XSL files and outputs the generated PDFs in the output file path using Apache FOP. Each XML file generates the corresponding PDF file in the output file path. It is a Java application that reads a formatting object (FO) tree and renders the resulting pages to a specified output.

Key Features

- Uses XSL-FO which is an XML-based markup language describing the formatting of XML data for output to screen, paper or other media.
- Uses Apache FOP which is a Java application that reads a formatting object (FO) tree and renders the resulting pages to a specified output.
- Log files showing the error that has occurred in the process of conversion.
- Integrates with the current application through a BAT file.

Technology Environment

Java, Apache FOP (<http://xmlgraphics.apache.org/fop/>), Windows 2000