Silent Printing

To print a glint file silently, we need the following:

- Correct jar files in the project

- Codes to generate the RML file into a Glint file, load the Glint file, and then print using the printer specified

- A batch file to run the job

- Correct syntax for running the batch file

1. There are two jar files that are required for the project to run successfully. They are *Glint.jar* (for printing) and *RepertoireClient.jar.* These two files can be found under the server directory. (*<serverDirectory>\clients\lib*)

2. There a few steps to perform before being able to use silent printing.

First, generate the report template (.rml) in a desired output format. In this case, the output format will be glint file.

Next, load the glint file. Finally, print the glint file from the printer specified.

2.1 Generating a report

The following code illustrates the connection to the server and report generation:

```
ERSClient ersClient = new ERSClient("localhost", 8080, "user", "pass");

FileOutputStream fos = new FileOutputStream(new File(args[1]));

ersClient.renderReport(args[0], "application/x-glint", fos, new Properties());

fos.close();
```

Information regarding report generation can also be found in the Report Designer manual.

2.2 Load a glint and print using the specified printer

The following code loads the glint file and prints it at the specified printer.

```
import javax.print.attribute.HashPrintRequestAttributeSet;

import javax.print.attribute.PrintRequestAttributeSet;

import com.elixirtech.ers2.client.ERSClient;

import com.elixirtech.glint.print.GlintStreamPrinter;


FileInputStream fis = new FileInputStream(filename);

GlintStreamPrinter gsp = new GlintStreamPrinter();


if (printer == null)

   gsp.setTargetPrinters(new String[] {printer});

   PrintRequestAttributeSet set = new HashPrintRequestAttributeSet();


    //set the resolution of the print job

   //is optional (will affect file size and may affect image quality)

   //PrinterResolution pr = new PrinterResolution(100,100, PrinterResolution.DPI);

  //set.add(pr);


gsp.print(false, fis, set, new JobListener());

fis.close();
```

3. Add the following line of code to the batch file:

```
java -classpath \
"<serverDirectory>\lib\RepertoireClient.jar;<serverDirectory>\lib\Glint.jar;<directoryOfCl
```

asses>\classes" com.elixirtech.demo.CmdGlintPrint %1 %2 %3

4. Finally, when executing the batch file, include the path of the report template, the output of the Glint file and the printer name (the sequence of entering needs to be in the correct order).

For example, in the Command Prompt, enter the following :

print-report.bat "/ElixirSamples/Report/Components/Checkbox.rml" "C:\\Program Files\\Elixir Repertoire\\RepertoireServer\\clients\bin\out\\report.glint" "myPrinter"

- Tested with Repertoire 7 and above -

[Download the sample.](#)