

StampPDF.java

```
1 import com.cete.dynamicpdf.*;
2 import com.cete.dynamicpdf.merger.MergeDocument;
3 import com.cete.dynamicpdf.pageelements.BackgroundImage;
4 import com.cete.dynamicpdf.pageelements.Label;
5 import java.io.FileNotFoundException;
6 import java.io.IOException;
7 import javax.servlet.ServletConfig;
8 import javax.servlet.ServletException;
9 import javax.servlet.ServletOutputStream;
10 import javax.servlet.http.HttpServlet;
11 import javax.servlet.http.HttpServletRequest;
12 import javax.servlet.http.HttpServletResponse;
13
14 public class StampPDF extends HttpServlet {
15
16     ServletOutputStream sOut;
17
18     public void init(ServletConfig config) throws ServletException {
19         super.init(config);
20     }
21
22     public void doGet(HttpServletRequest req, HttpServletResponse res)
23         throws IOException, ServletException {
24
25         sOut = res.getOutputStream();
26         // Create an output document and set it's properties
27         MergeDocument document = new MergeDocument(getServletContext()
28             .getRealPath("/pdfs/fw9_13.pdf"));
29         document.setCreator("StampPDF.java");
30         document.setAuthor("ceTe Software");
31         document.setTitle("Stamp PDF");
32
33         // Create a template to place an image behind each page in the PDF
34         Template backgroundTemplate = new Template();
35         document.setTemplate(backgroundTemplate);
36         try {
37             backgroundTemplate.getElements().add(new BackgroundImage
38                 (getServletContext().getRealPath("/images/DPDFLogo_Watermark.png")));
39         } catch (FileNotFoundException ex) {
40             ex.printStackTrace(System.out);
41         }
42         // Iterate through each page in the PDF
43         for (int i = 0; i < document.getPages().size(); i++) {
44             Page page = document.getPages().getPage(i);
45             // Add a page element on top of the PDF data
46             Label label = new Label("Stamped with Merger for Java.", 50, 225,
47                 page.getDimensions().getBody().getWidth() - 100, 24,
48                 Font.getHelvetica(), 24, TextAlign.CENTER,
49                 RgbColor.getRed());
```

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50         label.setAngle(-20);
51         page.getElements().add(label);
52     }
53
54     // Outputs the stamped document to current web page.
55     document.drawToWeb(req, res, sOut, "StampPDF.pdf");
56     sOut.close();
57 }
58
59 }
```