

## DigitalSignature.java

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```
1 import com.cete.dynamicpdf.Certificate;
2 import com.cete.dynamicpdf.Document;
3 import com.cete.dynamicpdf.Page;
4 import com.cete.dynamicpdf.PageOrientation;
5 import com.cete.dynamicpdf.PageSize;
6 import com.cete.dynamicpdf.pageelements.forms.Signature;
7 import java.io.IOException;
8 import javax.servlet.ServletConfig;
9 import javax.servlet.ServletException;
10 import javax.servlet.ServletOutputStream;
11 import javax.servlet.http.HttpServlet;
12 import javax.servlet.http.HttpServletRequest;
13 import javax.servlet.http.HttpServletResponse;
14
15
16 public class DigitalSignature extends HttpServlet {
17
18     ServletOutputStream sOut;
19
20     public void init(ServletConfig config) throws ServletException {
21         super.init(config);
22     }
23
24     public void doGet(HttpServletRequest req, HttpServletResponse res)
25     throws IOException, ServletException {
26
27         sOut = res.getOutputStream();
28         // Create a document and set it's properties
29         Document objDocument = new Document();
30         objDocument.setCreator("DigitalSignature.java");
31         objDocument.setAuthor("ceTe Software");
32         objDocument.setTitle("DigitalSignature");
33
34         // Create a page and add it to the document
35         Page objPage = new Page(PageSize.LETTER, PageOrientation.PORTRAIT,
36             54.0f);
37         objDocument.getPages().add(objPage);
38
39         // Add signature field to the page
40         Signature signature = new Signature("SigField", 10, 10, 250, 100);
41         objPage.getElements().add(signature);
42
43         // Create a Certificate from the file
44         Certificate certificate = new Certificate(getServletContext()
45             .getRealPath("/data/JohnDoe.pfx"), "dynamicpdf");
46
47         // Sign the document referring the sign field
48         objDocument.sign("SigField", certificate);
49

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```
50     // Outputs the document to current web page.
51     objDocument.drawToWeb(req, res , sOut, "DigitalSignature.pdf");
52     sOut.close();
53 }
54 }
```