

## HelloWorld\_Aes256BitEncrypted.java

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1 //Note: To run this example, you may need to install the "Java Cryptography Extension (JCE) Unlimited Strength Jurisdiction
Policy Files".
2 //You will need to replace the policy JAR files located in the lib/security directory
3 //of your JRE with the unlimited strength jurisdiction policy files.
4 import com.cete.dynamicpdf.*;
5 import com.cete.dynamicpdf.pageelements.Label;
6 import com.cete.dynamicpdf.cryptography.Aes256Security;
7 import com.cete.dynamicpdf.cryptography.EncryptDocumentComponents;
8 import java.io.IOException;
9 import javax.servlet.ServletConfig;
10 import javax.servlet.ServletException;
11 import javax.servlet.ServletOutputStream;
12 import javax.servlet.http.HttpServlet;
13 import javax.servlet.http.HttpServletRequest;
14 import javax.servlet.http.HttpServletResponse;
15
16 public class HelloWorld_Aes256BitEncrypted 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("HelloWorld_AES256BitEncrypted.java");
31         objDocument.setAuthor("ceTe Software");
32         objDocument.setTitle("Hello World AES 256 Bit Encrypted");
33
34         // Create a page to add to the document
35         Page page = new Page(PageSize.LETTER, PageOrientation.PORTRAIT, 54.0f);
36
37         // Create a Label to add to the page
38         String text = "Hello World...\nFrom DynamicPDF Generator" + " for Java\nDynamicPDF.com";
39         Label label = new Label(text, 0, 0, 504, 100, Font.getHelvetica(), 18, TextAlign.CENTER);
40
41         // Add label to page
42         page.getElements().add(label);
43
44         // Add page to document
45         objDocument.getPages().add(page);
46
47         // Create an instance of EmbeddedFile
48         EmbeddedFile embeddedFile = new EmbeddedFile(getServletContext().getRealPath("/pdfs/DocumentA.pdf"));
```

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49
50     // Add the embeddedFile to the EmbeddedFileList of the document class
51     objDocument.getEmbeddedFiles().add(embeddedFile);
52
53     // Set the PageMode to the ShowAttachments
54     objDocument.setInitialPageMode(PageMode.SHOW_ATTACHMENTS);
55
56     // Create AES 256 bit security object
57     Aes256Security security = new Aes256Security("password");
58
59     // Set DocumentComponents property to OnlyFileAttachments
60     security.setDocumentComponents(EncryptDocumentComponents.ONLYFILEATTACHMENTS);
61
62     // Add the security object to the document
63     objDocument.setSecurity(security);
64
65     // Outputs the document to the current web page.
66     objDocument.drawToWeb(req, res, sOut, "HelloWorld_Aes256BitEncrypted.pdf");
67     sOut.close();
68 }
69
70 }
```