

SelectPages.java

```
1 import com.cete.dynamicpdf.*;
2 import com.cete.dynamicpdf.merger.ImportedPage;
3 import com.cete.dynamicpdf.merger.PdfDocument;
4 import com.cete.dynamicpdf.pageelements.Image;
5 import com.cete.dynamicpdf.pageelements.TextArea;
6 import java.io.FileNotFoundException;
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 SelectPages 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 document = new Document();
30         document.setCreator("SelectPages.html");
31         document.setAuthor("ceTe Software");
32         document.setTitle("Select Pages");
33
34         // Add a title page to the document
35         addTitlePage(document);
36
37         // Add selected import pages to the document
38         addSelectedPages(document, req);
39
40         // Outputs the document to current web page.
41         document.drawToWeb(req, res, sOut, "SelectPages.pdf");
42         sOut.close();
43     }
44
45     private void addTitlePage(Document document) {
46         // Creates title page
47         Page page = new Page(PageSize.LETTER, PageOrientation.PORTRAIT, 50);
48
49         // Creates and centeres image on title page
```

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```
50     Image image = null;
51     try {
52         image = new Image(getServletContext()
53             .getRealPath("/images/DPDFLogo.png"), page
54             .getDimensions().getBody().getWidth() / 2,
55             page.getDimensions().getBody().getHeight() / 2, 0.48f);
56     } catch (FileNotFoundException ex) {
57         ex.printStackTrace(System.err);
58     }
59     image.setAlign(Align.CENTER);
60     image.setVAlign(VAlign.CENTER);
61
62     // Adds text and image to title page
63     page.getElements().add(new TextArea("Title Page", 0, 0,
64         page.getDimensions().getBody().getWidth(), 72,
65         Font.getHelvetica(), 72, TextAlign.CENTER));
66     page.getElements().add(image);
67
68     // Adds title page to document
69     document.getPages().add(page);
70 }
71
72 private void addSelectedPages(Document document, HttpServletRequest req) {
73     addSelectedPagesFromDocument(document, req.getParameterValues("documentA"),
74         getServletContext().getRealPath("/pdfs/DocumentA.pdf"));
75     addSelectedPagesFromDocument(document, req.getParameterValues("documentB"),
76         getServletContext().getRealPath("/pdfs/DocumentB.pdf"));
77     addSelectedPagesFromDocument(document, req.getParameterValues("documentC"),
78         getServletContext().getRealPath("/pdfs/DocumentC.pdf"));
79     addSelectedPagesFromDocument(document, req.getParameterValues("documentD"),
80         getServletContext().getRealPath("/pdfs/DocumentD.pdf"));
81 }
82
83 private void addSelectedPagesFromDocument(Document document, String[] items,
84     String importDocument) {
85     PdfDocument pdfDocument = new PdfDocument(importDocument);
86     if (items != null) {
87         for (int i = 0; i < items.length; i++) {
88             // Add page to the document
89             document.getPages().add(new ImportedPage(pdfDocument
90                 .getPage(Integer.parseInt(items[i]))));
91         }
92     }
93 }
94 }
95 }
96
97
```