

## FormFill.java

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```
1 import com.cete.dynamicpdf.Font;
2 import com.cete.dynamicpdf.Page;
3 import com.cete.dynamicpdf.TextAlign;
4 import com.cete.dynamicpdf.merger.MergeDocument;
5 import com.cete.dynamicpdf.pageelements.Label;
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 FormFill 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 a document and set it's properties
27         MergeDocument document = new MergeDocument(getServletContext().getRealPath("/pdfs/fw9_14.pdf"));
28         document.setCreator("FormFill.html");
29         document.setAuthor("ceTe Software");
30         document.setTitle("W-9 Form Filler");
31
32         // Get the imported page and set margins.
33         Page page = document.getPages().getPage(0);
34         page.getDimensions().setMargins(41, 35, 45, 37);
35
36         // Uncomment the line below to show a layout grid.
37         // page.getElements().add(new LayoutGrid());
38
39         // Add page elements to the page
40         page.getElements().add(new Label(req.getParameter("name"), 20, 60, 490,
41             12, Font.getCourier(), 9));
42         page.getElements().add(new Label(req.getParameter("businessName"), 20,
43             84, 490, 12, Font.getCourier(), 9));
44         switch (Integer.parseInt(req.getParameter("businessType"))) {
45             case 1:
46                 page.getElements().add(new Label("3", 27, 112, 20, 12,
47                     Font.getZapfDingbats(), 6));
48                 break;
49 }
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50     case 2:
51         page.getElements().add(new Label("3", 148, 112, 20, 12,
52             Font.getZapfDingbats(), 6));
53         break;
54     case 3:
55         page.getElements().add(new Label("3", 221, 112, 20, 12,
56             Font.getZapfDingbats(), 6));
57         break;
58     case 4:
59         page.getElements().add(new Label("3", 284, 112, 20, 12,
60             Font.getZapfDingbats(), 6));
61         break;
62     case 5:
63         page.getElements().add(new Label("3", 356, 112, 20, 12, Font.getZapfDingbats(), 6));
64         break;
65     case 6:
66         page.getElements().add(new Label("3", 26, 129, 50, 12, Font.getZapfDingbats(), 6));
67         page.getElements().add(new Label(req.getParameter("txtTaxClassification"), 375, 134, 160, 12, Font.getCourier(),
9));
68         break;
69     case 7:
70         page.getElements().add(new Label("3", 26, 160, 50, 12, Font.getZapfDingbats(), 6));
71         page.getElements().add(new Label(req.getParameter("businessTypeOther"), 130, 158, 160, 12, Font.getCourier(),
9));
72         break;
73 //        page.getElements().add(new Label(req.getParameter("businessTypeOther"),
74 //            359, 102, 160, 12, Font.getCourier(),
75 //            12));
76 //        break;
77     }
78     if (req.getParameter("exempt") != null) {
79         page.getElements().add(new Label("3", 474, 130, 50, 12,
80             Font.getZapfDingbats(), 6));
81     }
82     page.getElements().add(new Label(req.getParameter("address"), 20, 180,
83         300, 12, Font.getCourier(), 9));
84     page.getElements().add(new Label(req.getParameter("address2"), 20, 204,
85         300, 12, Font.getCourier(), 9));
86     page.getElements().add(new Label(req.getParameter("requestersAddress"),
87         350, 180, 170, 36, Font.getCourier(), 9));
88     page.getElements().add(new Label(req.getParameter("accounts"), 20, 228,
89         160, 12, Font.getCourier(), 9));
90
91     String ssn1 = req.getParameter("ssn").trim().replace('-', ' ').replaceAll(" ", "");
92     String ein1 = req.getParameter("ein").trim().replace('-', ' ').replaceAll(" ", "");
93     if (ssn1.length() >= 9) {
94         page.getElements().add(new Label(ssn1.substring(0, 1), 375, 272, 14,
95             12, Font.getCourier(), 9, TextAlign.CENTER));
96         page.getElements().add(new Label(ssn1.substring(1, 2), 391.4f, 272,
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97             14, 12, Font.getCourier(), 9, TextAlign.CENTER));
98     page.getElements().add(new Label(ssn1.substring(2, 3), 405.8f, 272,
99                     14, 12, Font.getCourier(), 9, TextAlign.CENTER));
100    page.getElements().add(new Label(ssn1.substring(3, 4), 433.2f, 272,
101                    14, 12, Font.getCourier(), 9, TextAlign.CENTER));
102    page.getElements().add(new Label(ssn1.substring(4, 5), 446.6f, 222,
103                    14, 12, Font.getCourier(), 9, TextAlign.CENTER));
104    page.getElements().add(new Label(ssn1.substring(5, 6), 475.4f, 272, 14,
105                    12, Font.getCourier(), 9, TextAlign.CENTER));
106    page.getElements().add(new Label(ssn1.substring(6, 7), 490.8f, 272,
107                    14, 12, Font.getCourier(), 9, TextAlign.CENTER));
108    page.getElements().add(new Label(ssn1.substring(7, 8), 505.2f, 272,
109                    14, 12, Font.getCourier(), 9, TextAlign.CENTER));
110    page.getElements().add(new Label(ssn1.substring(8, 9), 520, 272,
111                    14, 12, Font.getCourier(), 9, TextAlign.CENTER));
112 } else if (ein1.length() >= 9) {
113     page.getElements().add(new Label(ein1.substring(0, 1), 376, 320, 14,
114                     12, Font.getCourier(), 9, TextAlign.CENTER));
115     page.getElements().add(new Label(ein1.substring(1, 2), 391.4f, 320,
116                     14, 12, Font.getCourier(), 9, TextAlign.CENTER));
117     page.getElements().add(new Label(ein1.substring(2, 3), 418.8f, 320,
118                     14, 12, Font.getCourier(), 9, TextAlign.CENTER));
119     page.getElements().add(new Label(ein1.substring(3, 4), 433.2f, 320,
120                     14, 12, Font.getCourier(), 9, TextAlign.CENTER));
121     page.getElements().add(new Label(ein1.substring(4, 5), 447.6f, 320,
122                     14, 12, Font.getCourier(), 9, TextAlign.CENTER));
123     page.getElements().add(new Label(ein1.substring(5, 6), 462, 320, 14,
124                     12, Font.getCourier(), 9, TextAlign.CENTER));
125     page.getElements().add(new Label(ein1.substring(6, 7), 476.4f, 320,
126                     14, 12, Font.getCourier(), 9, TextAlign.CENTER));
127     page.getElements().add(new Label(ein1.substring(7, 8), 490.8f, 320,
128                     14, 12, Font.getCourier(), 9, TextAlign.CENTER));
129     page.getElements().add(new Label(ein1.substring(8, 9), 505.2f, 320,
130                     14, 12, Font.getCourier(), 9, TextAlign.CENTER));
131 }
132
133 // Outputs the W-9 to current web page.
134 document.drawToWeb(req, res, sOut, "FormFiller.pdf");
135 sOut.close();
136 }
137 }
```