

## AcroFormFill.java

```
1 import com.cete.dynamicpdf.merger.MergeDocument;
2 import com.cete.dynamicpdf.merger.MergeOptions;
3 import java.io.IOException;
4 import javax.servlet.ServletConfig;
5 import javax.servlet.ServletException;
6 import javax.servlet.ServletOutputStream;
7 import javax.servlet.http.HttpServlet;
8 import javax.servlet.http.HttpServletRequest;
9 import javax.servlet.http.HttpServletResponse;
10
11 public class AcroFormFill extends HttpServlet {
12
13     ServletOutputStream sOut;
14     public void init(ServletConfig config) throws ServletException {
15         super.init(config);
16     }
17
18     public void doGet(HttpServletRequest req, HttpServletResponse res)
19         throws IOException, ServletException {
20
21         sOut = res.getOutputStream();
22         // Create a MergeOptions object to import the AcroForm
23         MergeOptions options = new MergeOptions(true);
24
25         // Create a document and set it's properties
26         MergeDocument document = new MergeDocument(getServletContext().
27             .getRealPath("/pdfs/fw9AcroForm_14.pdf"),
28             options);
29         document.setCreator("AcroFormFill.html");
30         document.setAuthor("ceTe Software");
31         document.setTitle("W-9 AcroForm Filler");
32
33         // Add content to the page
34         document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].f1_1[0]").setValue(req.getParameter("name"));
35         document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].f1_2[0]").setValue(req.getParameter("businessNam
36 e"));
37
38         switch (Integer.parseInt(req.getParameter("businessType"))) {
39             case 1:
40                 document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].FederalClassification[0].c1_1[0]").setValue(
41 "1");
42                 break;
43             case 2:
44                 document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].FederalClassification[0].c1_1[1]").setValue(
45 "2");
46                 break;
47             case 3:
48                 document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].FederalClassification[0].c1_1[2]").setValue(
49 "3");
50                 break;
```

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46         case 4:
47             document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].FederalClassification[0].cl_1[3]").setValue(
"4");
48             break;
49         case 5:
50             document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].FederalClassification[0].cl_1[4]").setValue(
"5");
51             break;
52         case 6:
53             document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].FederalClassification[0].cl_1[5]").setValue(
"6");
54             document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].FederalClassification[0].fl_3[0]").setValue(
req.getParameter("taxClassification"));
55             break;
56         case 7:
57             document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].FederalClassification[0].cl_7[0]").setValue(
"7");
58             document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].FederalClassification[0].fl_4[0]").setValue(
req.getParameter("businessTypeOther"));
59             break;
60         }
61
62         document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].Address[0].fl_7[0]").
63             .setValue(req.getParameter("address"));
64         document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].Address[0].fl_8[0]").
65             .setValue(req.getParameter("address2"));
66         document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].fl_9[0]").
67             .setValue(req.getParameter("requestersAddress"));
68         document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].fl_10[0]").
69             .setValue(req.getParameter("accounts"));
70
71
72         String ssn1 = req.getParameter("ssn").trim().replaceAll("-", "").replaceAll(" ", "");
73         String ein1 = req.getParameter("ein").trim().replaceAll("-", "").replaceAll(" ", "");
74
75
76         if (ssn1.length() >= 9) {
77             document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].SSN[0].fl_11[0]").setValue(ssn1.substring(0,
1) + ssn1.substring(1, 1) + ssn1.substring(2, 1));
78             document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].SSN[0].fl_12[0]").setValue(ssn1.substring(3,
1) + ssn1.substring(4, 1));
79             document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].SSN[0].fl_13[0]").setValue(ssn1.substring(5,
1) + ssn1.substring(6, 1) + ssn1.substring(7, 1) + ssn1.substring(8, 1));
80         } else if (ein1.length() >= 9) {
81             document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].EmployerID[0].fl_14[0]").setValue(ein1.subst
ring(0, 1) + ein1.substring(1, 2));
82             document.getForm().getFields().getFormField("topmostSubform[0].Page1[0].EmployerID[0].fl_15[0]").setValue(ein1.subst
ring(2, 3) + ein1.substring(3, 4) + ein1.substring(4, 5) + ein1.substring(5, 6) + ein1.substring(6, 7) + ein1.substring(7, 8) +
ein1.substring(8, 9));
```

```
83     }
84
85
86
87     // Uncomment to make form read only
88     //document.getForm().setReadOnly(true);
89
90     // Outputs the W-9 to current web page.
91     document.drawToWeb(req, res, sOut, "AcroFormFiller.pdf");
92     sOut.close();
93 }
94 }
95
```