FormFieldReader.aspx

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1 <%@ Page Language="vb" AutoEventWireup="false" Inherits="Web_VB.Web_VB.MergerExamples.FormFieldReader"
CodeFile="FormFieldReader.aspx.vb" %>
```

FormFieldReader.aspx.vb

```
Imports System

Imports ceTe.DynamicPDF
Imports ceTe.DynamicPDF.Merger
Imports ceTe.DynamicPDF.Merger.Forms
Imports ceTe.DynamicPDF.PageElements

Namespace Web_VB.Web_VB.MergerExamples
    Partial Class FormFieldReader
        Inherits System.Web.UI.Page


        Private Sub Page_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
            Dim PdfDocument As PdfDocument = New PdfDocument(Server.MapPath("../PDFs/fw9AcroForm_14_filled.pdf"))

            Dim MyTable As Table2 = New Table2(0, 0, 512, 676, ceTe.DynamicPDF.Font.Helvetica, 12)
            MyTable.Border.Width = 1.0F
            MyTable.Border.Color = Grayscale.Black
            MyTable.RepeatColumnHeaderCount = 1
            MyTable.RepeatRowHeaderCount = 1

            BuildTable(MyTable)

            CreateList(MyTable, PdfDocument.Form.Fields)

            Dim MyDocument As Document = New Document
            AddTableToPage(MyDocument, MyTable)

            Dim OverflowRowTable As Table2 = MyTable.GetOverflowRows()

            While Not OverflowRowTable Is Nothing
                AddTableToPage(MyDocument, OverflowRowTable)
                OverflowRowTable = OverflowRowTable.GetOverflowRows()
            End While

            MyDocument.DrawToWeb("FormFieldReader.pdf")
        End Sub

        Private Sub CreateList(ByVal MyTable As Table2, ByVal FieldList As ceTe.DynamicPDF.Merger.Forms.PdfFormFieldList)
            Dim I As Integer
            For I = 0 To FieldList.Count - 1
                '            Dim fieldType As String = fieldList(I).GetType().ToString()
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                Dim MyRow As Row2 = MyTable.Rows.Add(20)
                MyRow.Cells.Add(FieldList(I).FullName)
                MyRow.Cells.Add(GetFieldType(FieldList(I)))
                MyRow.Cells.Add(FieldList(I).GetValue())

                If FieldList(I).HasChildFields = True Then
                    CreateList(MyTable, FieldList(I).ChildFields)
                End If
            Next
        End Sub

        Private Function GetFieldType(ByVal PdfFormField As PdfFormField) As String
            If TypeOf PdfFormField Is PdfTextField Then
                Return "Text Field"
            End If

            If TypeOf PdfFormField Is PdfButtonField Then
                Return "Button Field"
            End If

            If TypeOf PdfFormField Is PdfChoiceField Then
                Return "Choice Field"
            End If

            If TypeOf PdfFormField Is PdfSignatureField Then
                Return "Signature Field"
            End If

            Return "Container Field"
        End Function

        Private Sub BuildTable(ByVal MyTable As Table2)
            CreateColumns(MyTable)
            CreateRowHeadings(MyTable)
        End Sub

        Private Sub AddTableToPage(ByVal MyDocument As Document, ByVal MyTable As Table2)
            Dim MyPage As Page = New Page(PageSize.Letter)
            If Not MyTable Is Nothing Then
                MyPage.Elements.Add(MyTable)
            End If

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            MyDocument.Pages.Add(MyPage)
        End Sub

        Private Sub CreateRowHeadings(ByVal MyTable As Table2)
            Dim MyRow As Row2 = MyTable.Rows.Add(40, Font.TimesBold, 12, Grayscale.Black, Grayscale.LightGrey)
            MyRow.CellDefault.Align = TextAlign.Center
            MyRow.CellDefault.VAlign = VAlign.Top
            MyRow.Cells.Add("FormField Name")
            MyRow.Cells.Add("FormField Type")
            MyRow.Cells.Add("FormField Value")
        End Sub

        Private Sub CreateColumns(ByVal MyTable As Table2)
            MyTable.Columns.Add(150)
            MyTable.Columns.Add(150)
            MyTable.Columns.Add(150)
        End Sub


#Region " Web Form Designer Generated Code "

        'This call is required by the Web Form Designer.
        <System.Diagnostics.DebuggerStepThrough()> Private Sub InitializeComponent()

        End Sub

        Private Sub Page_Init(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Init
            'CODEGEN: This method call is required by the Web Form Designer
            'Do not modify it using the code editor.
            InitializeComponent()
        End Sub

#End Region
    End Class
End Namespace
```