


```

</PropertyGroup>
<PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Debug|AnyCPU' ">
  <PlatformTarget>AnyCPU</PlatformTarget>
  <DebugSymbols>>true</DebugSymbols>
  <DebugType>full</DebugType>
  <DefineDebug>>true</DefineDebug>
  <DefineTrace>>true</DefineTrace>
  <OutputPath>bin\Debug\</OutputPath>
  <NoWarn>42016,41999,42017,42018,42019,42032,42036,42020,42021,42022</NoWarn>
</PropertyGroup>
<PropertyGroup Condition=" '$(Configuration)|$(Platform)' == 'Release|AnyCPU' ">
  <PlatformTarget>AnyCPU</PlatformTarget>
  <DebugType>pdbonly</DebugType>
  <DefineDebug>>false</DefineDebug>
  <DefineTrace>>true</DefineTrace>
  <Optimize>>true</Optimize>
  <OutputPath>bin\Release\</OutputPath>
  <NoWarn>42016,41999,42017,42018,42019,42032,42036,42020,42021,42022</NoWarn>
</PropertyGroup>
<PropertyGroup>
  <OptionExplicit>On</OptionExplicit>
</PropertyGroup>
<PropertyGroup>
  <OptionCompare>Binary</OptionCompare>
</PropertyGroup>
<PropertyGroup>
  <OptionStrict>Off</OptionStrict>
</PropertyGroup>
<PropertyGroup>
  <OptionInfer>On</OptionInfer>
</PropertyGroup>
<ItemGroup>
  <Reference Include="Bytescout.PDF, Version=1.0.0.15, Culture=neutral, PublicKeyToken=f7dd1bd9d40a50eb, pro
    <SpecificVersion>False</SpecificVersion>
  </Reference>
  <Reference Include="System" />
  <Reference Include="System.Data" />
  <Reference Include="System.Drawing" />
</ItemGroup>
<ItemGroup>
  <Import Include="Microsoft.VisualBasic" />
  <Import Include="System" />
  <Import Include="System.Collections" />
  <Import Include="System.Collections.Generic" />
  <Import Include="System.Data" />
  <Import Include="System.Diagnostics" />
</ItemGroup>
<ItemGroup>
  <Compile Include="Program.vb" />
</ItemGroup>
<Import Project="$(MSBuildToolsPath)\Microsoft.VisualBasic.targets" />
<!-- To modify your build process, add your task inside one of the targets below and uncomment it.
  Other similar extension points exist, see Microsoft.Common.targets.
  <Target Name="BeforeBuild">
  </Target>
  <Target Name="AfterBuild">
  </Target>
-->
</Project>

```

Program.vb

Imports Bytescout.PDF

```

''' <summary>
''' This example demonstrates validation of form with JavaScript
''' </summary>

```

Class Program

Shared Sub Main()

```
' Create new document
Dim pdfDocument = New Document()
pdfDocument.RegistrationName = "demo"
pdfDocument.RegistrationKey = "demo"

' Add page
Dim page As New Page(PaperFormat.A4)
pdfDocument.Pages.Add(page)

' Get page canvas
Dim canvas As Canvas = page.Canvas

' Prepare font and brush
Dim font As Font = New Font(StandardFonts.Helvetica, 15)
Dim blackBrush As New SolidBrush()

' Draw First Name Label
canvas.DrawString("First Name: ", font, blackBrush, 50, 50)

' Create FirstName EditText
Dim firstName As EditText = New EditText(130, 50, 100, 30, "FirstName")

' Add javascript validation on focus lose
firstName.OnLoseFocus = New JavaScriptAction("
if(event.value == ""){
  app.alert('First Name is required!');
}
")

' Add First Name EditText to page
page.Annotations.Add(firstName)

' Draw Last Name Label
canvas.DrawString("Last Name: ", font, blackBrush, 50, 100)

' Create Last Name EditText
Dim lastName As EditText = New EditText(130, 100, 100, 30, "LastName")

' Add javascript validation on focus lose
lastName.OnLoseFocus = New JavaScriptAction("
if(event.value == ""){
  app.alert('Last Name is required!');
}
")

page.Annotations.Add(lastName)

' Create a button
Dim btnSubmit As PushButton = New PushButton(50, 150, 150, 30, "SayHello")
btnSubmit.Caption = "Say Hello!"

' Javascript action to validate as well as displaying message
btnSubmit.OnMouseDown = New JavaScriptAction("
var valFirstName = this.getField('FirstName').value;
var valLastName = this.getField('LastName').value;

if(valFirstName == "" || valLastName == ""){
  app.alert('Please complete incomplete values in form!');
}
else{
  var messageToDisplay = 'Hello, ' + valLastName + ' ' + valFirstName + '!';
  app.alert(messageToDisplay, 4);
}
")

page.Annotations.Add(btnSubmit)

' Save document to file
pdfDocument.Save("result.pdf")

' Cleanup
```

```
pdfDocument.Dispose()
```

```
' Open document in default PDF viewer app  
Process.Start("result.pdf")
```

```
End Sub
```

```
End Class
```

VIDEO

<https://www.youtube.com/watch?v=gdsQ0EAqwGQ>

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