

# How to convert XML to PDF in VB.NET using ByteScout PDF SDK

The tutorial shows how to convert XML to PDF in VB.NET

These sample source codes on this page below are demonstrating how to convert XML to PDF in VB.NET. ByteScout PDF SDK is the library for pdf documents generation, modification and updates. Can also generate and fill PDF forms. Provides support for text (fonts, style, size, font family), layers, pdf form fields, vector and raster drawings and you can use it to convert XML to PDF with VB.NET.

You will save a lot of time on writing and testing code as you may just take the VB.NET code from ByteScout PDF SDK for convert XML to PDF below and use it in your application. In order to implement the functionality, you should copy and paste this code for VB.NET below into your code editor with your app, compile and run your application. Implementing VB.NET application typically includes multiple stages of the software development so even if the functionality works please test it with your data and the production environment.

Our website provides trial version of ByteScout PDF SDK for free. It also includes documentation and source code samples.

VB.NET - Program.vb

```
Imports System.Xml
Imports Bytescout.PDF

'''

''' This example demonstrates how to create table from some XML data.
''' Since your XML file has different structure the example just shows technique of
XML data reading
''' and PDF table creation.
'''

Class Program

    Shared Sub Main()

        ' Load XML document
        Dim xmlDocument = New XmlDocument()
        xmlDocument.Load("sample.xml")

        ' Read columns information from XML data
        Dim columns = New List(Of String)()
        Dim columnNodeList =
xmlDocument.SelectNodes("/Report/Columns/Column")
        For Each node As XmlNode In columnNodeList
```

```

        columns.Add(node.Attributes("Name").Value)
    Next

    ' Read row nodes from XML data
    Dim rowNodeList = xmlDocument.SelectNodes("/Report/ReportData")

    ' Create new PDF document
    Dim pdfDocument = New Document()
    pdfDocument.RegistrationName = "demo"
    pdfDocument.RegistrationKey = "demo"
    ' Add page
    Dim page = New Page(PaperFormat.A4)
    pdfDocument.Pages.Add(page)

    Dim lightGrayColor = New ColorGray(200)
    Dim whiteColor = New ColorGray(255)

    ' Create PDF table
    Dim table = New Table()
    table.BackgroundColor = lightGrayColor

    ' Add columns
    For c = 0 To columns.Count - 1

        Dim column = New TableColumn(columns(c), columns(c))
        ' Set column width
        column.Width = If(c = 0, 100, 60)
        table.Columns.Add(column)
    Next

    ' Add rows
    For Each rowNode As XmlNode In rowNodeList

        ' Create new row and set its background color
        Dim row = table.NewRow()
        row.BackgroundColor = whiteColor

        ' Get cell values from XML data
        For Each childNode As XmlNode In rowNode.ChildNodes

            ' Get cell info from XML data
            Dim columnName = childNode.Name
            Dim columnIndex = columns.IndexOf(childNode.Name)
            Dim cellValue = childNode.InnerText

            ' Set cell text
            row(columnName).Text = cellValue
            ' Set cell text alignment
            row(columnName).TextFormat.HorizontalAlign =
If(columnIndex = 0, HorizontalAlign.Left, HorizontalAlign.Right)
        Next

        ' Add the row to the table
        table.Rows.Add(row)
    Next

    ' Draw the table on canvas
    page.Canvas.DrawTable(table, 20, 20)

```

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

' Cleanup
pdfDocument.Dispose()

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

```
End Sub
```

```
End Class
```

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