# How to convert XML to XLS in VB.NET and ByteScout Spreadsheet SDK

The tutorial below will demonstrate how to convert XML to XLS in VB.NET

This sample source code below will demonstrate you how to convert XML to XLS in VB.NET. ByteScout Spreadsheet SDK is the SDK component for writing, reading, modifying and calculating Excel and CSV spreadsheets. Can calculate and reculculate formulas with Excel installed. You may import or export data to and from CSV, XML, JSON. Supports export to databases, arrays, streams. It can be used to convert XML to XLS using 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 Spreadsheet SDK for convert XML to XLS below and use it in your application. Follow the instructions from the scratch to work and copy the VB.NET code. Use of ByteScout Spreadsheet SDK in VB.NET is also explained in the documentation included along with the product.

ByteScout Spreadsheet SDK free trial version is available on our website. VB.NET and other programming languages are supported.

VB.NET - Module1.vb

```vbnet
Imports System.Drawing
Imports System.Xml
Imports Bytescout.Spreadsheet
Imports Bytescout.Spreadsheet.Constants

Module Module1

        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")
```

```vb
            ' Create new spreadsheet
            Dim spreadsheet = New Spreadsheet()
            spreadsheet.RegistrationName = "demo"
            spreadsheet.RegistrationKey = "demo"
            ' Add worksheet
            Dim worksheet = spreadsheet.Worksheets.Add()

            ' Add column headers
            For c As Integer = 0 To columns.Count - 1
                    worksheet(0, c).Value = columns(c)
                    worksheet(0, c).FillPattern = PatternStyle.Solid
                    worksheet(0, c).FillPatternForeColor = Color.LightGray
            Next

            Dim rowIndex = 1

            ' Add rows
            For Each rowNode As XmlNode In rowNodeList

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

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

                            Dim cell = worksheet(rowIndex, columnIndex)

                            ' Set cell text
                            Cell.Value = cellValue
                            ' Set cell text alignment
                            cell.AlignmentHorizontal = IIf(columnIndex = 0,
AlignmentHorizontal.Left, AlignmentHorizontal.Right)
                    Next

                    ' Add the row to the table
                    rowIndex = rowIndex + 1
            Next

            ' Fit columns width to cell data
            For c As Integer = 0 To columns.Count - 1
                    worksheet.Columns(c).AutoFit()
            Next

            ' Save document to file
            spreadsheet.SaveAsXLS("result.xls")

            ' Cleanup
            spreadsheet.Dispose()

            ' Open document in Excel
            Process.Start("result.xls")

    End Sub

End Module
```

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