Code For XML Decipher

Private Sub cButton\_ParseRemainingData\_Click(sender As Object, e As EventArgs) Handles cButton\_ParseRemainingData.Click

YesParseTheData()

'OK Here, we go through each story and get each part and store it in an Array

'Since everything is based on Part Numbers, First we go through and count all the part numbers

'So we can set some 2-Dimension arrays

'Step 1: Get names of all the files in the folder

'Step 2: Go through each file and get part numbers, and add them all together

Dim vlInt\_PartsInStory As Integer = 1

Dim vlInt\_TotalOfAllParts As Integer = 1

Dim vlObj\_FileNames = Directory.GetFiles(vgStr\_StoriesFolder)

Dim vlAObj\_FileList As New ArrayList()

Dim vlStr\_NameOfFile As String = ""

Dim vlInt16\_Counter As Int16 = 1

Dim vlAStr\_FileNamesByStoryID(1) As String

Dim vlint16\_TotalStoryFileNames As Int16

'Step 1: Get names of all the files in the folder

For Each vlStr\_NameOfFile In vlObj\_FileNames

vlAObj\_FileList.Add(vlStr\_NameOfFile)

vlInt16\_Counter = vlInt16\_Counter + 1

Next

ReDim vlAStr\_FileNamesByStoryID(vlInt16\_Counter)

vlInt16\_Counter = 1

For Each vlStr\_NameOfFile In vlObj\_FileNames

vlAStr\_FileNamesByStoryID(vlInt16\_Counter) = vlStr\_NameOfFile.ToString

vlInt16\_Counter = vlInt16\_Counter + 1

Next

vlint16\_TotalStoryFileNames = vlInt16\_Counter - 1

vlInt16\_Counter = 1

'Step 2: Open each file and

'A: Count the part numbers in that file

'B:Get The Heading, Description, etc.

Dim vlStr\_TempStoryID As String = ""

Dim vlStr\_TempStyle As String = ""

Dim vlBol\_LastPartNumber As Boolean = False

Dim vlStr\_LastElement As String = ""

Dim vlBol\_FoundPartNumberContent As Boolean = False

Dim vlStr\_TempPartNumberContnet As String = ""

For I As Int16 = 1 To vlint16\_TotalStoryFileNames

Dim vlObj\_XMLReader As Xml.XmlReader = Xml.XmlReader.Create(vlAStr\_FileNamesByStoryID(I))

While vlObj\_XMLReader.Read()

Select Case vlObj\_XMLReader.NodeType

Case Xml.XmlNodeType.Element

If vlObj\_XMLReader.Name.ToString = "ParagraphStyleRange" Then

vlStr\_TempStyle = vlObj\_XMLReader.GetAttribute("AppliedParagraphStyle")

'Check For Quarter Columns

If vlStr\_TempStyle = "ParagraphStyle/Part Number 1/4" Or vlStr\_TempStyle = "ParagraphStyle/Part Number 1/4 With Rule" Then

vlBol\_LastPartNumber = True

vlStr\_LastElement = "PartNumber"

End If

If vlStr\_TempStyle = "ParagraphStyle/Part Number 1/3" Or vlStr\_TempStyle = "ParagraphStyle/Part Number 1/3 With Rule" Then

vlBol\_LastPartNumber = True

vlStr\_LastElement = "PartNumber"

End If

If vlStr\_TempStyle = "ParagraphStyle/Part Number 1/2" Or vlStr\_TempStyle = "ParagraphStyle/Part Number 1/2 With Rule" Then

vlBol\_LastPartNumber = True

vlStr\_LastElement = "PartNumber"

End If

If vlStr\_TempStyle = "ParagraphStyle/Part Number 2/3" Or vlStr\_TempStyle = "ParagraphStyle/Part Number 2/3 With Rule" Then

vlBol\_LastPartNumber = True

vlStr\_LastElement = "PartNumber"

End If

If vlStr\_TempStyle = "ParagraphStyle/Part Number 1/1" Or vlStr\_TempStyle = "ParagraphStyle/Part Number 1/1 With Rule" Then

vlBol\_LastPartNumber = True

vlStr\_LastElement = "PartNumber"

End If

End If

If vlObj\_XMLReader.Name.ToString = "Content" And vlBol\_LastHead = True And vlStr\_LastHead = "Head" Then

vlBol\_FoundHeadContent = True

End If

Case Xml.XmlNodeType.Text

If vlBol\_FoundHeadContent = True Then

vlStr\_TempHeadContnet = vlObj\_XMLReader.Value.ToString

vgAStr\_StoryHeadCol(I) = vlStr\_TempHeadContnet

vlBol\_FoundHeadContent = False

vlBol\_LastHead = False

vlStr\_LastHead = ""

End If

End Select

End While

Next

End Sub