Private Enum DataLocationIds

data\_row = 3 'Номер строки начала таблицы с данными

LastName = 1

FirstName = 2

MiddleName = 3

Snils = 4

Position = 5

EmployerInn = 6

EmployerTitle = 7

Inn = 8

Title = 9

TestisPassed = 10

learnProgramId = 11

LearnProgramTitle = 12

Date = 13

ProtocolNumber = 14

End Enum

Public Sub ExportXML2()

Dim dataArr As Variant

Dim rootNode As Object, xmlDoc As Object, i As Long

dataArr = getDataArray

Set xmlDoc = getXmlDoc

Set rootNode = xmlDoc.createElement("RegistryRecord")

xmlDoc.appendChild rootNode

For i = 1 To UBound(dataArr)

rootNode.appendChild getWorkerNode(xmlDoc, i, dataArr)

rootNode.appendChild getOrganizationNode(xmlDoc, i, dataArr)

rootNode.appendChild getTestNode(xmlDoc, i, dataArr)

Next

transformXML xmlDoc

xmlDoc.Save Application.GetSaveAsFilename(FileFilter:="Файл экспорта (\*.xml),\*.xml", Title:="Введите имя файла")

End Sub

Private Function getDataArray() As Variant

Dim pSheet As Worksheet, LRow As Long

Set pSheet = ActiveSheet

LRow = pSheet.Cells(pSheet.Rows.Count, DataLocationIds.LastName).End(xlUp).Row

getDataArray = pSheet.Range(pSheet.Cells(DataLocationIds.data\_row, DataLocationIds.LastName), pSheet.Cells(LRow, DataLocationIds.ProtocolNumber)).Value

End Function

Private Function getXmlDoc() As Object

Dim xmlDoc As Object

Set xmlDoc = CreateObject("MSXML2.DOMDocument")

xmlDoc.appendChild xmlDoc.createProcessingInstruction("xml", "version='1.0' encoding='utf-8'")

Set getXmlDoc = xmlDoc

End Function

Private Function getWorkerNode(ByVal xmlDoc As Object, ByVal curRow As Long, ByVal dataArr As Variant) As Object

Dim pNode As Object

Set pNode = xmlDoc.createElement("Worker")

'pNode.setAttribute "num", dataArr(curRow, DataLocationIds.certNum)

pNode.appendChild(xmlDoc.createElement("LastName")).Text = dataArr(curRow, DataLocationIds.LastName)

pNode.appendChild(xmlDoc.createElement("FirstName")).Text = dataArr(curRow, DataLocationIds.FirstName)

pNode.appendChild(xmlDoc.createElement("MiddleName")).Text = dataArr(curRow, DataLocationIds.MiddleName)

pNode.appendChild(xmlDoc.createElement("Snils")).Text = dataArr(curRow, DataLocationIds.Snils)

pNode.appendChild(xmlDoc.createElement("Position")).Text = dataArr(curRow, DataLocationIds.Position)

pNode.appendChild(xmlDoc.createElement("EmployerInn")).Text = dataArr(curRow, DataLocationIds.EmployerInn)

pNode.appendChild(xmlDoc.createElement("EmployerTitle")).Text = dataArr(curRow, DataLocationIds.EmployerTitle)

Set getWorkerNode = pNode

End Function

Private Function getOrganizationNode(ByVal xmlDoc As Object, ByVal curRow As Long, ByVal dataArr As Variant) As Object

Dim pNode As Object

Set pNode = xmlDoc.createElement("Organization")

'pNode.setAttribute "num", dataArr(curRow, DataLocationIds.certNum)

pNode.appendChild(xmlDoc.createElement("Inn")).Text = dataArr(curRow, DataLocationIds.Inn)

pNode.appendChild(xmlDoc.createElement("Title")).Text = dataArr(curRow, DataLocationIds.Title)

Set getOrganizationNode = pNode

End Function

Private Function getTestNode(ByVal xmlDoc As Object, ByVal curRow As Long, ByVal dataArr As Variant) As Object

Dim pNode As Object

Set pNode = xmlDoc.createElement("Test")

'pNode.setAttribute "num", dataArr(curRow, DataLocationIds.certNum)

pNode.appendChild(xmlDoc.createElement("TestisPassed")).Text = dataArr(curRow, DataLocationIds.TestisPassed)

pNode.appendChild(xmlDoc.createElement("Date")).Text = dataArr(curRow, DataLocationIds.Date)

pNode.appendChild(xmlDoc.createElement("learnProgramId")).Text = dataArr(curRow, DataLocationIds.learnProgramId)

pNode.appendChild(xmlDoc.createElement("ProtocolNumber")).Text = dataArr(curRow, DataLocationIds.ProtocolNumber)

pNode.appendChild(xmlDoc.createElement("LearnProgramTitle")).Text = dataArr(curRow, DataLocationIds.LearnProgramTitle)

Set getTestNode = pNode

End Function

'Процедура для придания XML читабельного вида (с отступами)

Sub transformXML(ByRef xml As Variant)

'Cоздание объекта XSL

Set xsl = CreateObject("MSXML2.DOMDocument")

'Загрузка XSL из строки (не требует наличия отдельного XSL-файла)

xsl.LoadXML ("<xsl:stylesheet version='1.0' xmlns:xsl='http://www.w3.org/1999/XSL/Transform'>" & vbCrLf & \_

"<xsl:output method='xml' version='1.0' encoding='utf-8' indent='yes'/>" & vbCrLf & \_

"<xsl:template match='@\*|node()'>" & vbCrLf & \_

"<xsl:copy>" & vbCrLf & \_

"<xsl:apply-templates select='@\*|node()' />" & vbCrLf & \_

"</xsl:copy>" & vbCrLf & \_

"</xsl:template>" & vbCrLf & \_

"</xsl:stylesheet>")

'Выполнение преобразования

xml.transformNodeToObject xsl, xml

End Sub