

附錄一：匯入總帳功能之程式碼

```
GLfile = Application.GetOpenFilename("Microsoft Excel 檔 (*.xls), *.xls,Text Files (*.txt),  
*.txt,All Files (*.*), *.*")
```

```
If GLfile <> False Then
```

```
Workbooks.Open Filename:=GLfile ‘開啟總帳資料庫
```

```
GoTo L10
```

```
ElseIf GLfile = False Then Exit Sub
```

```
End If
```

```
L10: Set data= Workbooks("營利事業所得稅申報.xls").Worksheets("申報資料填寫區") ‘定義變數
```

```
Set SI = Workbooks("總帳資料庫.xls").Worksheets("總帳資料 損益表")
```

```
Set BS = Workbooks("總帳資料庫.xls").Worksheets("總帳資料 資產負債表")
```

```
Dim c As Integer
```

```
c = 1
```

```
‘匯入總帳損益表
```

```
Do Until data.Cells(c, 1) = SI.Cells(1, 1) Or c = data.Columns.Count ‘搜尋匯入位置
```

```
c = c + 1
```

```
Loop
```

```
If c = data.Columns.Count Then
```

```
'MsgBox SI.Cells(1, 1)
```

```
MsgBox "損益表指定資料名稱錯誤"
```

```
Else
```

```
For i = 2 To SI.Columns.Count ‘複製資料
```

```
If Not (SI.Cells(i, 1) = "") Then ‘檢查是否到資料結束了
```

```
data.Cells(c + i, 2) = SI.Cells(i, 2) ‘將資料複製到相對之位置
```

```
If data.Cells(c + i, 2) < 1 And data.Cells(c + i - 1, 2) > -1 Then
```

```
data.Cells(c + i, 2).NumberFormat = "0.00%" ‘小於 1 者換百分比
```

```
Else
```

```
data.Cells(c + i, 2).NumberFormat = "General"
```

```
End If
```

```
End If
```

```
Next i
```

```
End If
```

'匯入總帳資產負債表

c = 1

Do Until data.Cells(c, 1) = BS.Cells(1, 1) Or c = data.Columns.Count '搜尋匯入位置

c = c + 1

Loop

If c = data.Columns.Count Then

MsgBox "資產負債表指定資料名稱錯誤"

Else

For i = 2 To BS.Columns.Count '複製資料

If Not (BS.Cells(i, 1) = "") Then '檢查是否到資料結束了

data.Cells(c + i - 1, 2) = BS.Cells(i, 2) '將資料複製到相對之位置

If data.Cells(c + i - 1, 2) < 1 And data.Cells(c + i - 1, 2) > -1 Then

data.Cells(c + i - 1, 2).NumberFormat = "0.00%" '小於 1 者換百分比

Else

data.Cells(c + i - 1, 2).NumberFormat = "General"

End If

End If

Next i

End If

Workbooks("總帳資料庫.xls").Close '關閉總帳資料庫

Workbooks("營利事業所得稅申報.xls").Worksheets("申報資料填寫區").Activate

X = MsgBox("總帳已匯入完成。是否回到操作表單?", vbYesNo + vbQuestion)

If X = vbYes Then

Workbooks("營利事業所得稅申報.xls").Worksheets("操作表單").Activate

ElseIf X = vbNo Then

Workbooks("營利事業所得稅申報.xls").Worksheets("申報資料填寫區").Activate

End If

附錄二：輸出實例文件之程式碼

```
Dim GN As Integer '有幾組子 group
Dim bigG As Variant '設成 variant 才能用陣列
Dim G As Variant '存子 group 的陣列
Dim ts As Variant
Dim outputFile As String
    outputFile = InputBox("輸入檔案路徑位置:", "匯出 Instance Document", "d:\營利事業所得稅申報表.xml") '指定輸出檔案之路徑位置

    If outputFile = "" Then Exit Sub
    Set fs = CreateObject("Scripting.FileSystemObject")
    Set ts = fs.CreateTextFile(outputFile) '將資料寫入欲輸出之檔案中

With Worksheets("Taxonomy Tree") '將申報資料填寫區工作表之資料
    '轉入 Taxonomy Tree 工作表
    '此段轉入過程之程式碼繁多
    '故僅擷取部份之程式碼

    .Range("b4:b17").Value = Worksheets("申報資料填寫區").Range("b4:b17").Value
    .Range("b19:b22").Value = Worksheets("申報資料填寫區").Range("b19:b22").Value
    .Range("b25:b32").Value = Worksheets("申報資料填寫區").Range("b25:b32").Value
    .Range("b34:b41").Value = Worksheets("申報資料填寫區").Range("b34:b41").Value
    .Range("b43:b50").Value = Worksheets("申報資料填寫區").Range("b43:b50").Value
    .Range("b53:b107").Value = Worksheets("申報資料填寫區").Range("b54:b108").Value
    .Range("b108:b145").Value = Worksheets("申報資料填寫區").Range("c53:c90").Value
    .Range("b146:b165").Value = Worksheets("申報資料填寫區").Range("c93:c112").Value
    .Range("b167:b176").Value = Worksheets("申報資料填寫區").Range("b114:b123").Value
    .Range("b178:b194").Value = Worksheets("申報資料填寫區").Range("b125:b141").Value
    .Range("b196:b200").Value = Worksheets("申報資料填寫區").Range("b143:b147").Value
    .Range("b202:b209").Value = Worksheets("申報資料填寫區").Range("b149:b156").Value
    .Range("b212:b215").Value = Worksheets("申報資料填寫區").Range("b159:b162").Value
    .Range("b217:b220").Value = Worksheets("申報資料填寫區").Range("b164:b167").Value
    .Range("b222:b347").Value = Worksheets("申報資料填寫區").Range("b169:b294").Value
    .Range("b349:b382").Value = Worksheets("申報資料填寫區").Range("b297:b330").Value
    .Range("b383:b416").Value = Worksheets("申報資料填寫區").Range("c297:c330").Value

End With

ts.writeline ("<?xml version=" & Chr(34) & "1.0" & Chr(34) & " encoding=" & Chr(34) &
"BIG5" & Chr(34) & "?>")
ts.writeline ("<group")
ts.writeline ("xmlns = " & Chr(34) & "http://www.xbrl.org/core/xbrl-2000-07-31" & Chr(34))
```

```

ts.writeline ("xmlns:bit = " & Chr(34) & " http://tw.f1.pg.briefcase.yahoo.com/tsuishan_c " &
Chr(34))
ts.writeline ("entity =" & Chr(34) & Worksheets("Taxonomy Tree").Cells(4, 2) & ":" &
Worksheets("taxonomy tree").Cells(5, 2) & Chr(34))
ts.writeline ("schemaLocation = " & Chr(34) & " http://us.f1f.yahoofs.com/users/dd5f6205/bc/XBRL/bit-2003-06-26.xsd?bf_87E_AYQVAIDRR " &
Chr(34))
ts.writeline ("scaleFactor = " & Chr(34) & "3" & Chr(34))
ts.writeline ("precision = " & Chr(34) & "9" & Chr(34))
ts.writeline ("type=" & Chr(34) & "bit:" & "營利事業所得稅申報" & Chr(34))
ts.writeline ("period = " & Chr(34) & "2002" & Chr(34))
ts.writeline ("unit = " & Chr(34) & "ISO4217:TWD" & Chr(34))
ts.writeline ("decimalPattern = " & Chr(34) & Chr(34))
ts.writeline ("formatName=" & Chr(34) & Chr(34) & ">")

```

‘主要表單之陣列位置

bigG = Array(2, 51, 221, 348, 419, 428, 442, 454, 464, 472, 517, 525, 537, 551, 566, 581, 593, 610, 618, 632, 646, 656, 854, 935, 976, 995, 1022, 1057, 1111, 1181, 1242)

‘子_group之陣列位置

G = Array(3, 22, 23, 41, 42, 50, 18, 22, 24, 32, 33, 41, 52, 165, 166, 176, 177, 200, 195, 200, 201, 209, 210, 220, 211, 215, 216, 220, 420, 427, 429, 441, 443, 453, 455, 463, 457, 463, 465, 471, 473, 478, 479, 516, 474, 477, 518, 524, 526, 532, 533, 536, 538, 550, 542, 547, 548, 550, 552, 558, 559, 565, 553, 558, 560, 565, 567, 573, 574, 580, 568, 573, 575, 580, 582, 592, 594, 609, 611, 617, 619, 631, 623, 627, 628, 631, 633, 645, 635, 642, 636, 638, 639, 641, 647, 655, 657, 669, 670, 682, 683, 690, 691, 707, 708, 717, 718, 735, 736, 742, 743, 751, 752, 772, 773, 793, 794, 802, 803, 806, 807, 827, 828, 852, 658, 661, 662, 665, 666, 669, 671, 674, 675, 678, 679, 682, 692, 694, 695, 697, 698, 700, 701, 703, 704, 706, 720, 723, 724, 727, 728, 731, 732, 735, 737, 739, 744, 747, 748, 751, 753, 756, 757, 760, 761, 764, 765, 768, 769, 772, 774, 777, 778, 781, 782, 785, 786, 789, 790, 793, 795, 798, 799, 802, 808, 811, 812, 815, 816, 819, 820, 823, 824, 827, 829, 832, 833, 836, 837, 840, 841, 844, 845, 848, 849, 852, 855, 864, 865, 874, 875, 884, 885, 894, 895, 904, 905, 914, 915, 924, 925, 934, 936, 945, 946, 955, 956, 965, 966, 975, 977, 996, 1001, 1021, 1002, 1011, 1012, 1021, 1039, 1056, 1040, 1056, 1094, 1110, 1095, 1103, 1104, 1110, 1182, 1228, 1229, 1241, 1184, 1228, 1237, 1241)

GN = 128 ‘共有 128 組子_group

‘根據已勾選之核選方塊，輸出欲匯出之表單

```

If CheckBox1.Value = True Then i = 1 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 2 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 3 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 4 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 5 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 6 : showgroup bigG(i - 1), bigG(i) - 1, 0

```

```

If CheckBox1.Value = True Then i = 7 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 8 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 9 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 10 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 11 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 12 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 13 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 14 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 15 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 16 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 17 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 18 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 19 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 20 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 21 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 22 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 23 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 24 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 25 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 26 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 27 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 28 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 29 : showgroup bigG(i - 1), bigG(i) - 1, 0
If CheckBox1.Value = True Then i = 30 : showgroup bigG(i - 1), bigG(i) - 1, 0

```

```
ts.writeline ("</group>")
```

```
End Sub
```

```
Sub showgroup(st, ed, col)
```

```
stt = st
```

```
'印出<group/和 title
```

```
ts.writeline ("<group type='bit:' & Worksheets("Dictionary").Cells(st + 1, 3) & "">")
```

```
Dim fg As Integer
```

```
stt = stt + 1
```

```
Do Until stt = ed + 1
```

```
fg = findg(stt)
```

```
'印出 st 行<item/
```

```
If fg = -1 Then
```

```
ts.writeline ("<item type='bit:' & Worksheets("Dictionary").Cells(stt + 1, 3) & "">" &
Worksheets("Taxonomy Tree").Cells(stt, col + 2) & "</item>")
```

```
stt = stt + 1
```

```
Else
```

```
showgroup G(fg), G(fg + 1), col
```

```
stt = G(fg + 1) + 1
End If
Loop
```

'印出/group>

```
ts.writeline("</group>")
If Worksheets("Taxonomy Tree").Cells(st + 1, col + 3) = "" Then
    Exit Sub
Else
    showgroup st, ed, col + 1
End If
```

'group 結束前做檢查

End Sub

Function findg(n)

```
For i = 1 To GN
    If n = G(2 * i - 2) Then
        findg = 2 * i - 2
        Exit Function
    End If
Next i
```

End If

Next i

findg = -1

End Function

附錄三：驗證程式之匯入檔案功能之程式碼

```
Public Sub BIT_Data()
```

```
    Worksheets("Validate").Range("B:B").ClearContents  
    Worksheets("Validate").Cells.Interior.ColorIndex = xlNone
```

```
Dim fileDoc As String
```

```
Openfile.Show
```

```
    fileDoc = Openfile.TaxFile.Text
```

```
Dim xmlDoc As New MSXML2.DOMDocument40
```

```
Dim group_xmlns As IXMLDOMElement
```

```
Dim nodeid As IXMLDOMAttribute
```

```
Dim xbrltag As IXMLDOMNode
```

```
Dim periodtag As IXMLDOMNode
```

```
Dim periodId As IXMLDOMAttribute
```

```
Dim group_itemlist As IXMLDOMNodeList
```

```
Dim group_itemlist2 As IXMLDOMNodeList
```

```
Dim company_name As IXMLDOMAttribute
```

```
Dim FStitle As IXMLDOMAttribute
```

```
Dim account_balance As Variant
```

```
Dim account_name As String
```

```
Dim nodeid_value As String
```

載入營利事業所得稅申報檔

```
xmlDoc.Load fileDoc
```

```
Set group_xmlns = xmlDoc.documentElement
```

```
Set group_itemlist = group_xmlns.childNodes.item(0).childNodes
```

```
Set group_itemlist2 = group_itemlist.item(0).childNodes
```

```
Set periodId = group_xmlns.attributes.getNamedItem("period")
```

```
Set company_name = group_xmlns.attributes.getNamedItem("entity")
```

```
    Company_name_text=Left(company_name.Value, Len(company_name.Value)  
(Len(company_name.Value) - InStr(company_name.Value, ":") + 1))
```

```
Set FStitle = group_xmlns.childNodes.item(0).attributes.getNamedItem("type")
```

```
    FStitle_text = Right(FStitle.Value, Len(FStitle.Value) - InStr(FStitle.Value, "."))
```

```
For i = 0 To group_itemlist2.Length - 1
```

```
Set xbrltag = group_itemlist2.item(i)
```

```
Set nodeid = xbrltag.attributes.item(0)
account_balance = xbrltag.Text
K = i + 5
Worksheets("Validate").Range("B" & K).Value = account_balance
Next i
```

```
With Worksheets("Validate")
```

```
'將取得之節點資料匯入儲存格
```

```
.Range("B1") = Company_name_text
```

```
.Range("A4") = FStitle_text
```

```
.Range("B2").Value = "2002"
```

```
End With
```

```
End Sub
```

附錄四：驗證程式之驗證檢查程式碼

Dim K(5 To 117) As Double

Sub Validate_Click()

For i = 5 To 117

K(i) = Worksheets("Validate").Range("B" & i).Value

Next i

‘設定儲存格之間的關係，以 S5 為例

‘K(5)=全年所得額帳載結算金額

‘K(6)=營業淨利帳載結算金額

‘K(40)=非營業收入總額帳載結算金額

‘K(51)=非營業損失及費用總額帳載結算金額

‘S5=全年所得額帳載結算金額之正確金額

‘若 K(5)不等於 S5，則出現錯誤警告訊息，並將錯誤之欄位加以標記

S5 = K(6) + K(40) - K(51)

S6 = K(7) - K(13)

S7 = K(8) - K(12)

S8 = K(9) - K(10) - K(11)

S13 = K(14) + K(15) + K(16) + K(17) + K(18) + K(19) + K(20) + K(21) + K(22) + K(23) +
K(24) + K(25) + K(26) + K(27) + K(28) + K(29) + K(30) + K(31) + K(32) + K(33) + K(34) + K(35) +
K(36)

S40 = K(41) + K(42) + K(43) + K(44) + K(45) + K(46) + K(47) + K(48) + K(49) + K(50)

S51 = K(52) + K(53) + K(54) + K(55) + K(56) + K(57) + K(58)

S60 = K(61) - K(114) - K(115) - K(116) - K(117)

S61 = K(62) + K(96) - K(105)

S62 = K(63) - K(69)

S63 = K(64) - K(68)

S64 = K(65) - K(66) - K(67)

S69 = K(70) + K(71) + K(72) + K(73) + K(74) + K(75) + K(76) + K(77) + K(78) + K(79) +
K(80) + K(81) + K(82) + K(83) + K(84) + K(85) + K(86) + K(87) + K(88) + K(89) + K(90) + K(91) +
K(92)

S96 = K(97) + K(98) + K(99) + K(100) + K(101) + K(102) + K(103) + K(104)

S105 = K(106) + K(107) + K(108) + K(109) + K(110) + K(111) + K(112)

If S5 = K(5) And S6 = K(6) And S7 = K(7) And S8 = K(8) And S13 = K(13) And S40 = K(40) And
S51 = K(51) Then MsgBox "檢查無誤"

‘若驗證結果發現錯誤，則出現錯誤警告訊息，並將錯誤之欄位加以標記

If S5 <> K(5) Then Worksheets("Validate").Range("B5").Interior.ColorIndex = 6: MsgBox ("「全年所得額帳載結算金額」有誤，正確應為" & S5)

If S6 <> K(6) Then Worksheets("Validate").Range("B6").Interior.ColorIndex = 6: MsgBox ("「營業淨利帳載結算金額」有誤，正確應為" & S6)

If S7 <> K(7) Then Worksheets("Validate").Range("B7").Interior.ColorIndex = 6: MsgBox ("「營業毛利帳載結算金額」有誤，正確應為" & S7)

If S8 <> K(8) Then Worksheets("Validate").Range("B8").Interior.ColorIndex = 6: MsgBox ("「營業收入帳載結算金額」有誤，正確應為" & S8)

If S13 <> K(13) Then Worksheets("Validate").Range("B13").Interior.ColorIndex = 6: MsgBox ("「營業費用及損失總額帳載結算金額」有誤，正確應為" & S13)

If S40 <> K(40) Then Worksheets("Validate").Range("B40").Interior.ColorIndex = 6: MsgBox ("「非營業收入總額帳載結算金額」有誤，正確應為" & S40)

If S51 <> K(51) Then Worksheets("Validate").Range("B51").Interior.ColorIndex = 6: MsgBox ("「非營業損失及費用帳載結算金額」有誤，正確應為" & S51)

If S60 <> K(60) Then Worksheets("Validate").Range("B60").Interior.ColorIndex = 6: MsgBox ("「課稅所得額」有誤，正確應為" & S60)

If S61 <> K(61) Then Worksheets("Validate").Range("B61").Interior.ColorIndex = 6: MsgBox ("「全年所得額自行依法調整後金額」有誤，正確應為" & S61)

If S62 <> K(62) Then Worksheets("Validate").Range("B62").Interior.ColorIndex = 6: MsgBox ("「營業淨利自行依法調整後金額」有誤，正確應為" & S62)

If S63 <> K(63) Then Worksheets("Validate").Range("B63").Interior.ColorIndex = 6: MsgBox ("「營業毛利自行依法調整後金額」有誤，正確應為" & S63)

If S64 <> K(64) Then Worksheets("Validate").Range("B64").Interior.ColorIndex = 6: MsgBox ("「營業收入自行依法調整後金額」有誤，正確應為" & S64)

If S69 <> K(69) Then Worksheets("Validate").Range("B9").Interior.ColorIndex = 6: MsgBox ("「營業費用及損失自行依法調整後金額」有誤，正確應為" & S69)

If S96 <> K(96) Then Worksheets("Validate").Range("B96").Interior.ColorIndex = 6: MsgBox ("「非營業收入總額自行依法調整後金額」有誤，正確應為" & S96)

If S105 <> K(105) Then Worksheets("Validate").Range("B105").Interior.ColorIndex = 6: MsgBox ("「非營業損失及費用自行依法調整後金額」有誤，正確應為" & S105)

End Sub