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IpToCountry.bas

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1 REM IpToCountry.bas
2 ' Copyright (c) 2018 - 2019 WiseBox.Solutions
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5 '
6
7 REM Compiler Directives
8 #COMPILE PBWIN 10
9 #COMPILE EXE "IpToCountry"
10 #OPTION VERSION5
11 #DIM ALL
12 #DEBUG ERROR ON
13 #REGISTER NONE
14 #INCLUDE "win32api.inc"
15
16 REM CONSTANTS
17 $FileIn = "../IpToCountry.csv"
18 $FileOut = "../Ip2Country.tab"
19
20 REM Main
21 FUNCTION PBMAIN () AS LONG
22     Local lsHeader, lsData, lsaData(), lsTmp, lsaTmp() as string
23     local llC1, llC2, llC3 as long
24
25     lsHeader = "IpFrom" & $Tab & "IpTo" & $Tab & "Registry" & $Tab & "Assigned" & $Tab & "Ctry" & $Tab & "Cntry" & $Tab & "Country"
26
27     sFileGet $FileIn, lsData, llC1
28     If llC1 < 100 Then
29         MsgBox "The " & $FileIn & " file is incorrect." & $CRLF & "Press Enter to exit."
30         Exit Function
31     End If
32
33     lsData = Remain$( lsData, ("#" & $Lf & $DQ))
34     lsData = Trim$( lsData, $Lf)
35     Replace $DQ + "," + $DQ With $TAB IN lsData
36     Replace $DQ With "" IN lsData
37     Replace $Lf With $CRLF IN lsData
38
39     sFilePut $FileOut, lsHeader & $CRLF & lsData
40 END FUNCTION
41
42 REM SubRoutines
43
44 SUB sFileGet( psCompletePath AS STRING, psData AS STRING, plLOF as long)
45     LOCAL llFileNum as long
46     llFileNum = FREEFILE
47     psData = ""
48     open psCompletePath for binary LOCK SHARED as llFileNum
49     plLOF = LOF(llFileNum)
50     get$ llFileNum, lof(llFileNum), psData
51     close llFileNum
52 end sub
53
54 SUB sFilePut( psCompletePath AS STRING, psData AS STRING)
55     LOCAL llFileNum as long
56     llFileNum = FREEFILE
57     open psCompletePath for binary LOCK SHARED as llFileNum
58     put$ llFileNum, psData : seteof(llFileNum)
59     close llFileNum
60 END SUB
61
62

```