

```
Imports System.Text.RegularExpressions
Imports System.IO

Public Class Form1
    Inherits System.Windows.Forms.Form

    Const VERSION As String = "v4.0"
    Const RLSDATE As String = "23/12/2004"
    Private remotedate As String = ""
    Private first_activation As Boolean = True
    Private caught As Boolean = False

#Region " Windows Form 設計工具產生的程式碼 "

    Public Sub New()
        MyBase.New()

        '此為 Windows Form 設計工具所需的呼叫。
        InitializeComponent()

        '在 InitializeComponent() 呼叫之後加入所有的初始設定
    End Sub

    'Form 覆寫 Dispose 以清除元件清單。
    Protected Overrides Sub Dispose(ByVal disposing As Boolean)
        If disposing Then
            If Not (components Is Nothing) Then
                components.Dispose()
            End If
        End If
        MyBase.Dispose(disposing)
    End Sub

    '為 Windows Form 設計工具的必要項
    Private components As System.ComponentModel.IContainer

    '注意：以下為 Windows Form 設計工具所需的程序
    '您可以使用 Windows Form 設計工具進行修改。
    '請勿使用程式碼編輯器來修改這些程序。
    Friend WithEvents lblStatus As System.Windows.Forms.Label
    Friend WithEvents prgProgress As System.Windows.Forms.ProgressBar
    Friend WithEvents btnExit As System.Windows.Forms.Button
    Friend WithEvents Http1 As AxDartWeb.AxHttp
    Friend WithEvents lblAbout As System.Windows.Forms.Label
    Friend WithEvents grpSettings As System.Windows.Forms.GroupBox
    Friend WithEvents btnUpdate As System.Windows.Forms.Button
    Friend WithEvents btnRun As System.Windows.Forms.Button
    Friend WithEvents btnApply As System.Windows.Forms.Button
    Friend WithEvents GroupBox2 As System.Windows.Forms.GroupBox
    Friend WithEvents grpLocal As System.Windows.Forms.GroupBox
    Friend WithEvents lblRemote As System.Windows.Forms.Label
    Friend WithEvents archive1 As Dart.PowerTCP.Zip.Archive
    Friend WithEvents lblLocal As System.Windows.Forms.Label
    Friend WithEvents chkAutoStart As System.Windows.Forms.CheckBox
    Friend WithEvents chkAutoExtract As System.Windows.Forms.CheckBox
    Friend WithEvents chkRun As System.Windows.Forms.CheckBox
    Friend WithEvents txtRun As System.Windows.Forms.TextBox
    Friend WithEvents btnDefault As System.Windows.Forms.Button
    <System.Diagnostics.DebuggerStepThrough(> Private Sub InitializeComponent()
        Dim resources As System.Resources.ResourceManager = New System.Resources.ResourceManager(GetType(Form1))
```

```
Me.lblStatus = New System.Windows.Forms.Label
Me.prgProgress = New System.Windows.Forms.ProgressBar
Me.Http1 = New AxDartWeb.AxHttp
Me.btnExit = New System.Windows.Forms.Button
Me.grpSettings = New System.Windows.Forms.GroupBox
Me.txtRun = New System.Windows.Forms.TextBox
Me.chkRun = New System.Windows.Forms.CheckBox
Me.chkAutoExtract = New System.Windows.Forms.CheckBox
Me.chkAutoStart = New System.Windows.Forms.CheckBox
Me.btnApply = New System.Windows.Forms.Button
Me.lblAbout = New System.Windows.Forms.Label
Me.btnUpdate = New System.Windows.Forms.Button
Me.btnRun = New System.Windows.Forms.Button
Me.grpLocal = New System.Windows.Forms.GroupBox
Me.lblLocal = New System.Windows.Forms.Label
Me.GroupBox2 = New System.Windows.Forms.GroupBox
Me.lblRemote = New System.Windows.Forms.Label
Me.archive1 = New Dart.PowerTCP.Zip.Archive
Me.btnDefault = New System.Windows.Forms.Button
CType(Me.Http1, System.ComponentModel.ISupportInitialize).BeginInit()
Me.grpSettings.SuspendLayout()
Me.grpLocal.SuspendLayout()
Me.GroupBox2.SuspendLayout()
Me.SuspendLayout()
'
'lblStatus
'
Me.lblStatus.Font = New System.Drawing.Font("Arial", 8.25!, System.Drawing.FontStyle.Bold, System.
Drawing.GraphicsUnit.Point, CType(136, Byte))
Me.lblStatus.Location = New System.Drawing.Point(8, 24)
Me.lblStatus.Name = "lblStatus"
Me.lblStatus.Size = New System.Drawing.Size(424, 24)
Me.lblStatus.TabIndex = 0
Me.lblStatus.TextAlign = System.Drawing.ContentAlignment.MiddleCenter
'
'prgProgress
'
Me.prgProgress.Location = New System.Drawing.Point(8, 48)
Me.prgProgress.Name = "prgProgress"
Me.prgProgress.Size = New System.Drawing.Size(424, 24)
Me.prgProgress.TabIndex = 1
'
'Http1
'
Me.Http1.Enabled = True
Me.Http1.Location = New System.Drawing.Point(200, 32)
Me.Http1.Name = "Http1"
Me.Http1.OcxState = CType(resources.GetObject("Http1.OcxState"), System.Windows.Forms.AxHost.State)
Me.Http1.Size = New System.Drawing.Size(28, 28)
Me.Http1.TabIndex = 2
'
'btnExit
'
Me.btnExit.Font = New System.Drawing.Font("Arial", 8.25!, System.Drawing.FontStyle.Regular, System.
Drawing.GraphicsUnit.Point, CType(0, Byte))
Me.btnExit.Location = New System.Drawing.Point(328, 312)
Me.btnExit.Name = "btnExit"
Me.btnExit.Size = New System.Drawing.Size(104, 24)
Me.btnExit.TabIndex = 3
Me.btnExit.Text = "E&xit"
```

```
'grpSettings
,
Me.grpSettings.Controls.Add(Me.btnDefault)
Me.grpSettings.Controls.Add(Me.txtRun)
Me.grpSettings.Controls.Add(Me.chkRun)
Me.grpSettings.Controls.Add(Me.chkAutoExtract)
Me.grpSettings.Controls.Add(Me.chkAutoStart)
Me.grpSettings.Controls.Add(Me.btnApply)
Me.grpSettings.Location = New System.Drawing.Point(8, 88)
Me.grpSettings.Name = "grpSettings"
Me.grpSettings.Size = New System.Drawing.Size(304, 208)
Me.grpSettings.TabIndex = 4
Me.grpSettings.TabStop = False
Me.grpSettings.Text = "Personalized Settings"
,
'txtRun
,
Me.txtRun.Enabled = False
Me.txtRun.Location = New System.Drawing.Point(24, 88)
Me.txtRun.Name = "txtRun"
Me.txtRun.Size = New System.Drawing.Size(264, 20)
Me.txtRun.TabIndex = 12
Me.txtRun.Text = "java -jar pwcppj2.jar"
,
'chkRun
,
Me.chkRun.Location = New System.Drawing.Point(8, 64)
Me.chkRun.Name = "chkRun"
Me.chkRun.Size = New System.Drawing.Size(288, 24)
Me.chkRun.TabIndex = 11
Me.chkRun.Text = "Execute the following command to launch &PWCPP:"
,
'chkAutoExtract
,
Me.chkAutoExtract.Location = New System.Drawing.Point(8, 40)
Me.chkAutoExtract.Name = "chkAutoExtract"
Me.chkAutoExtract.Size = New System.Drawing.Size(224, 24)
Me.chkAutoExtract.TabIndex = 10
Me.chkAutoExtract.Text = "Auto &extract xml from zip archive"
,
'chkAutoStart
,
Me.chkAutoStart.Location = New System.Drawing.Point(8, 16)
Me.chkAutoStart.Name = "chkAutoStart"
Me.chkAutoStart.Size = New System.Drawing.Size(224, 24)
Me.chkAutoStart.TabIndex = 9
Me.chkAutoStart.Text = "&Auto start update when program starts"
,
'btnApply
,
Me.btnApply.Location = New System.Drawing.Point(192, 176)
Me.btnApply.Name = "btnApply"
Me.btnApply.Size = New System.Drawing.Size(104, 24)
Me.btnApply.TabIndex = 8
Me.btnApply.Text = "&Apply"
,
'lblAbout
,
Me.lblAbout.Location = New System.Drawing.Point(8, 312)
Me.lblAbout.Name = "lblAbout"
Me.lblAbout.Size = New System.Drawing.Size(296, 24)
```

```
Me.lblAbout.TabIndex = 5
Me.lblAbout.TextAlign = System.Drawing.ContentAlignment.BottomLeft
'
'btnUpdate
'
Me.btnUpdate.Location = New System.Drawing.Point(328, 232)
Me.btnUpdate.Name = "btnUpdate"
Me.btnUpdate.Size = New System.Drawing.Size(104, 24)
Me.btnUpdate.TabIndex = 1
Me.btnUpdate.Text = "&Update"
'
'btnRun
'
Me.btnRun.Location = New System.Drawing.Point(328, 264)
Me.btnRun.Name = "btnRun"
Me.btnRun.Size = New System.Drawing.Size(104, 24)
Me.btnRun.TabIndex = 7
Me.btnRun.Text = "&Run"
'
'grpLocal
'
Me.grpLocal.Controls.Add(Me.lblLocal)
Me.grpLocal.Location = New System.Drawing.Point(328, 88)
Me.grpLocal.Name = "grpLocal"
Me.grpLocal.Size = New System.Drawing.Size(104, 56)
Me.grpLocal.TabIndex = 8
Me.grpLocal.TabStop = False
Me.grpLocal.Text = "Local Version"
'
'lblLocal
'
Me.lblLocal.Location = New System.Drawing.Point(8, 24)
Me.lblLocal.Name = "lblLocal"
Me.lblLocal.Size = New System.Drawing.Size(88, 16)
Me.lblLocal.TabIndex = 0
Me.lblLocal.Text = "Unknown!"
Me.lblLocal.TextAlign = System.Drawing.ContentAlignment.TopCenter
'
'GroupBox2
'
Me.GroupBox2.Controls.Add(Me.lblRemote)
Me.GroupBox2.Location = New System.Drawing.Point(328, 152)
Me.GroupBox2.Name = "GroupBox2"
Me.GroupBox2.Size = New System.Drawing.Size(104, 56)
Me.GroupBox2.TabIndex = 9
Me.GroupBox2.TabStop = False
Me.GroupBox2.Text = "Remote Version"
'
'lblRemote
'
Me.lblRemote.ForeColor = System.Drawing.Color.Red
Me.lblRemote.Location = New System.Drawing.Point(8, 24)
Me.lblRemote.Name = "lblRemote"
Me.lblRemote.Size = New System.Drawing.Size(88, 24)
Me.lblRemote.TabIndex = 0
Me.lblRemote.Text = "Unknown!"
Me.lblRemote.TextAlign = System.Drawing.ContentAlignment.TopCenter
'
'archive1
'
Me.archive1.Comment = ""
```

```

    Me.archive1.ExcludePattern = ""
    Me.archive1.SelfExtractConfiguration = Nothing
    Me.archive1.SpanConfiguration = Nothing
    Me.archive1.TempFileDirectory = ""
    Me.archive1.VolumeLabel = ""
    ,
    'btnDefault
    ,
    Me.btnDefault.Location = New System.Drawing.Point(80, 176)
    Me.btnDefault.Name = "btnDefault"
    Me.btnDefault.Size = New System.Drawing.Size(104, 24)
    Me.btnDefault.TabIndex = 13
    Me.btnDefault.Text = "&Default"
    ,
    'Form1
    ,
    Me.AutoScaleBaseSize = New System.Drawing.Size(5, 13)
    Me.ClientSize = New System.Drawing.Size(440, 345)
    Me.Controls.Add(Me.GroupBox2)
    Me.Controls.Add(Me.grpLocal)
    Me.Controls.Add(Me.btnRun)
    Me.Controls.Add(Me.btnUpdate)
    Me.Controls.Add(Me.lblAbout)
    Me.Controls.Add(Me.grpSettings)
    Me.Controls.Add(Me.btnExit)
    Me.Controls.Add(Me.Http1)
    Me.Controls.Add(Me.prgProgress)
    Me.Controls.Add(Me.lblStatus)
    Me.Font = New System.Drawing.Font("Arial", 8.25!, System.Drawing.FontStyle.Regular, System.Drawing.
GraphicsUnit.Point, CType(0, Byte))
    Me.FormBorderStyle = System.Windows.Forms.FormBorderStyle.FixedSingle
    Me.MaximizeBox = False
    Me.Name = "Form1"
    Me.Text = "Palmpass XML Auto Update for Palmstamp"
    CType(Me.Http1, System.ComponentModel.ISupportInitialize).EndInit()
    Me.grpSettings.ResumeLayout(False)
    Me.grpLocal.ResumeLayout(False)
    Me.GroupBox2.ResumeLayout(False)
    Me.ResumeLayout(False)

End Sub

#End Region

Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    Text = Text + " " + VERSION
    lblAbout.Text = "Palmpass XML Auto Update " + VERSION + vbCrLf + "by swan2925, swan2925@hotmail.com on " &
+ RLSDATE
    If IsFirstRun() Then
        CreateEntry()
    End If
    LoadEntry()
    SetLocal()
End Sub

Private Sub Form1_Activated(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.
Activated
    If GetSetting("pwcppAutoUpdate", "palmpass.xml", "AutoStart") = "True" And first_activation Then
        btnUpdate_Click(sender, e)
    End If
    first_activation = False

```

```
End Sub

Private Sub btnExit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnExit.Click
    Close()
End Sub

Private Sub btnUpdate_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnUpdate.Click
    If btnUpdate.Text = "&Update" Then
        btnUpdate.Text = "&Cancel"
        FetchMain()
        If IsOutdated() Then
            ArchiveXML()
            FetchXML()
            If GetSetting("pwcppAutoUpdate", "palmpass.xml", "AutoExtract") = "True" Then
                ExtractXML()
            End If
            SaveLocal()
            SetLocal()
            lblRemote.ForeColor = System.Drawing.Color.Green
        End If
        btnUpdate.Text = "&Update"
    Else
        Http1.Abort()
        btnUpdate.Text = "&Update"
    End If
End Sub

Private Sub CreateEntry()
    SaveSetting("pwcppAutoUpdate", "palmpass.xml", "localversion", "00-00-00")
    SaveSetting("pwcppAutoUpdate", "palmpass.xml", "AutoStart", True)
    SaveSetting("pwcppAutoUpdate", "palmpass.xml", "AutoExtract", True)
    SaveSetting("pwcppAutoUpdate", "palmpass.xml", "chkRun", False)
    SaveSetting("pwcppAutoUpdate", "palmpass.xml", "txtRun", txtRun.Text)
End Sub

Private Function IsFirstRun()
    If GetSetting("pwcppAutoUpdate", "palmpass.xml", "localversion") = "" Then
        Return True
    Else
        Return False
    End If
End Function

Private Function ArchiveXML()
    Dim name_attach As String = GetSetting("pwcppAutoUpdate", "palmpass.xml", "localversion")
    name_attach = Regex.Replace(name_attach, "-", "")
    Try
        Rename("palmpass.zip", "palmpass." & name_attach & ".zip")
    Catch ex As Exception
    End Try
End Function

Private Function IsOutdated()
    If remotedate = "" Then
        If caught = False Then
            SetStatus("Unexpected error occurred!")
        End If
        Return False
    End If
    If GetSetting("pwcppAutoUpdate", "palmpass.xml", "localversion") = remotedate Then
```

```
        SetStatus("Latest version already exists!")
        lblRemote.ForeColor = System.Drawing.Color.Green
        Return False
    Else
        lblRemote.ForeColor = System.Drawing.Color.Red
        Return True
    End If
End Function

Private Sub SetLocal()
    lblLocal.Text = GetSetting("pwcppAutoUpdate", "palmpass.xml", "localversion")
End Sub

Private Sub SaveLocal()
    SaveSetting("pwcppAutoUpdate", "palmpass.xml", "localversion", remotedate)
End Sub

Private Sub ExtractXML()
    SetStatus("Extracting palmpass.xml from palmapass.zip...")

    archive1.Clear()
    archive1.PreservePath = False
    archive1.Overwrite = Dart.PowerTCP.Zip.Overwrite.Always
    btnUpdate.Enabled = False
    archive1.BeginQuickUnzip("palmpass.zip", ".", Nothing)
    btnUpdate.Enabled = True

    SetStatus("Successfully extracted!")
End Sub

Private Sub archive1_EndUnzip(ByVal sender As Object, ByVal e As Dart.PowerTCP.Zip.EndEventArgs) Handles archive1.EndUnzip
End Sub

Private Sub archive1_Progress(ByVal sender As Object, ByVal e As Dart.PowerTCP.Zip.ProgressEventArgs) Handles archive1.Progress
    Try
        'Set the progress bar and status when fires
        Select Case (e.Status)
            Case Dart.PowerTCP.Zip.Status.Unzipping
                Dim Percent As Double
                Try
                    'Show total progress
                    prgProgress.Maximum = 100
                    Percent = (e.ProcessedTotalBytes / e.TotalBytes) * 100
                    prgProgress.Value = Convert.ToInt16(Percent)
                Catch
                End Try
            Case Dart.PowerTCP.Zip.Status.EndUnzip
                prgProgress.Value = prgProgress.Maximum
        End Select
    Catch
    End Try
End Sub

Private Sub archive1_BusyChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles archive1.BusyChanged
End Sub
```

```
Private Sub archive1_Exception(ByVal sender As Object, ByVal e As Dart.PowerTCP.Zip.ExceptionEventArgs) Handles archive1.Exception
```

```
End Sub
```

```
Private Sub FetchXML()
```

```
    SetStatus("Fetching palmpass.zip...")
```

```
    Dim m_oRequestHeader As New DartSock.DartStrings
```

```
    Dim m_sContent As String = " "
```

```
    Dim m_oResponseHeader As New DartSock.DartStrings
```

```
    Dim bAns As Boolean
```

```
    m_sContent = "palmpass.zip"
```

```
    Try
```

```
        m_oRequestHeader.Add("Referer: http://www.pilotwarez.com")
```

```
        Http1.Url = "http://www.pilotwarez.com/download.php?palmpass.zip"
```

```
        Http1.GetEx(m_oRequestHeader, m_sContent, m_oResponseHeader)
```

```
        SetStatus("Successfully fetched!")
```

```
    Catch ex As Exception
```

```
        Dim errNumber As Integer = ErrorNumber(ex)
```

```
        SetStatus(errNumber.ToString + ": " + ex.Message)
```

```
        caught = True
```

```
    Finally
```

```
        prgProgress.Value = 0
```

```
    End Try
```

```
End Sub
```

```
Private Sub FetchMain()
```

```
    prgProgress.Value = 0
```

```
    SetStatus("Fetching main page...")
```

```
    Dim mainpage As String = " "
```

```
    Dim headers As New DartSock.DartStrings
```

```
    Dim pattern As String = "\blast updated \d*(\d\d-\d\d-\d\d)"
```

```
    Try
```

```
        Http1.Url = "www.pilotwarez.com"
```

```
        Http1.Get(mainpage, headers)
```

```
        Dim regexobj As New Regex(pattern)
```

```
        remotedate = regexobj.Match(mainpage).Groups(1).ToString()
```

```
        SetRemote(remotedate)
```

```
        SetStatus("Successfully fetched!")
```

```
    Catch ex As Exception
```

```
        Dim errNumber As Integer = ErrorNumber(ex)
```

```
        SetStatus(errNumber.ToString + ": " + ex.Message)
```

```
        caught = True
```

```
    Finally
```

```
        prgProgress.Value = 0
```

```
    End Try
```

```
End Sub
```

```
Private Sub Http1_Progress(ByVal eventSender As System.Object, ByVal eventArgs As AxDartWeb._IHttpEvents_ProgressEvent) Handles Http1.Progress
```

```
    Dim p As Integer
```

```
    If eventArgs.size > 0 And Not (eventArgs.count >= eventArgs.size) Then
```

```
        prgProgress.Value = (eventArgs.count * 100) / eventArgs.size
```

```
    Else
```

```
        p = prgProgress.Value + 10
```

```
        If p > 99 Then p = 99
```



```
        prgProgress.Value = p
    End If
End Sub

Private Sub SetStatus(ByRef Status As String)
    lblStatus.Text = Status
End Sub

Private Sub SetRemote(ByRef remotodate As String)
    lblRemote.ForeColor = System.Drawing.Color.Green
    lblRemote.Text = remotodate
End Sub

Private Function ErrorNumber(ByVal ex As Exception) As Integer
    'Return the error code responding to the exception
    Dim comE As System.Runtime.InteropServices.COMException = ex
    Return ((2 ^ 31) + comE.ErrorCode) Mod (2 ^ 16)
End Function

Private Sub chkRun_CheckedChanged(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles chkRun.
    .CheckedChanged
    If chkRun.Checked Then
        txtRun.Enabled = True
    Else
        txtRun.Enabled = False
    End If
End Sub

Private Sub btnRun_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnRun.Click
    Shell(txtRun.Text)
End Sub

Private Sub LoadEntry()
    chkAutoStart.Checked = GetSetting("pwcppAutoUpdate", "palmpass.xml", "AutoStart")
    chkAutoExtract.Checked = GetSetting("pwcppAutoUpdate", "palmpass.xml", "AutoExtract")
    chkRun.Checked = GetSetting("pwcppAutoUpdate", "palmpass.xml", "chkRun")
    txtRun.Text = GetSetting("pwcppAutoUpdate", "palmpass.xml", "txtRun")
End Sub

Private Sub btnApply_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnApply.
    Click
    SaveSetting("pwcppAutoUpdate", "palmpass.xml", "AutoStart", chkAutoStart.Checked)
    SaveSetting("pwcppAutoUpdate", "palmpass.xml", "AutoExtract", chkAutoExtract.Checked)
    SaveSetting("pwcppAutoUpdate", "palmpass.xml", "chkRun", chkRun.Checked)
    SaveSetting("pwcppAutoUpdate", "palmpass.xml", "txtRun", txtRun.Text)
End Sub

Private Sub btnDefault_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnDefault.
    Click
    CreateEntry()
    LoadEntry()
    SetLocal()
End Sub
End Class
```