See below some functions declarations for Visual Basic.

Frequently Asked Question:

Q: Each time I use the compress function I get the -5 error (not enough

room in the output buffer).

A: Make sure that the length of the compressed buffer is passed by

reference ("as any"), not by value ("as long"). Also check that

before the call of compress this length is equal to the total size of

the compressed buffer and not zero.

From: "Jon Caruana" <jon-net@usa.net>

Subject: Re: How to port zlib declares to vb?

Date: Mon, 28 Oct 1996 18:33:03 -0600

Got the answer! (I haven't had time to check this but it's what I got, and

looks correct):

He has the following routines working:

compress

uncompress

gzopen

gzwrite

gzread

gzclose

Declares follow: (Quoted from Carlos Rios <c\_rios@sonda.cl>, in Vb4 form)

#If Win16 Then 'Use Win16 calls.

Declare Function compress Lib "ZLIB.DLL" (ByVal compr As

String, comprLen As Any, ByVal buf As String, ByVal buflen

As Long) As Integer

Declare Function uncompress Lib "ZLIB.DLL" (ByVal uncompr

As String, uncomprLen As Any, ByVal compr As String, ByVal

lcompr As Long) As Integer

Declare Function gzopen Lib "ZLIB.DLL" (ByVal filePath As

String, ByVal mode As String) As Long

Declare Function gzread Lib "ZLIB.DLL" (ByVal file As

Long, ByVal uncompr As String, ByVal uncomprLen As Integer)

As Integer

Declare Function gzwrite Lib "ZLIB.DLL" (ByVal file As

Long, ByVal uncompr As String, ByVal uncomprLen As Integer)

As Integer

Declare Function gzclose Lib "ZLIB.DLL" (ByVal file As

Long) As Integer

#Else

Declare Function compress Lib "ZLIB32.DLL"

(ByVal compr As String, comprLen As Any, ByVal buf As

String, ByVal buflen As Long) As Integer

Declare Function uncompress Lib "ZLIB32.DLL"

(ByVal uncompr As String, uncomprLen As Any, ByVal compr As

String, ByVal lcompr As Long) As Long

Declare Function gzopen Lib "ZLIB32.DLL"

(ByVal file As String, ByVal mode As String) As Long

Declare Function gzread Lib "ZLIB32.DLL"

(ByVal file As Long, ByVal uncompr As String, ByVal

uncomprLen As Long) As Long

Declare Function gzwrite Lib "ZLIB32.DLL"

(ByVal file As Long, ByVal uncompr As String, ByVal

uncomprLen As Long) As Long

Declare Function gzclose Lib "ZLIB32.DLL"

(ByVal file As Long) As Long

#End If

-Jon Caruana

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