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**Windows Help Embedded Listbox**  
(c)1993 by Mark Gamber

**Actual documentation**

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**About This File**

This project may be freely distributed under the condition that none of the files listed below are removed from the compressed file. The contents of WHLISTBX.DLL may not be altered without explicit permission from the author. Upon using any portion of this project, the user agrees to indemnify and hold harmless the author and project files from any damage caused. If unable to comply, the user should destroy the software immediately.

Included Files:

WHLISTBX.DLL:	Embedded listbox driver file.
LBTEST.HLP:	This example and documentation help file.
LBTEST.HPJ:	WinHelp Project file to create LBTEST.HLP
LBTEST.RTF:	WinHelp Project source file to create LBTEST.HLP
LIST1.INI:	Baggage INI file for first listbox.
LIST2.INI:	Baggage INI file for second listbox.
LIST3.INI:	Baggage INI file for third listbox.

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3# about

4\$ About WinHelp Embedded Listbox

#5

## **Sample Listbox #1**

### ***Double-Click an Item***

{ewc whlistbx.dll,whlistbx,list1.ini}

5# num1

#6

## Sample Listbox #2

### ***Double-Click an Item***

{ewc whlistbx.dll,whlistbx,list2.ini}

6# num2

#7

### Sample Listbox #3

#### ***Double-Click an Item***

{ewc whlistbx.dll,whlistbx,list3.ini}

7# num3

#8

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**Topic #1**

8# Topic1

#9

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**Topic #2**

9# Topic2

#10

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**Topic #3**

10# Topic3



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**Topic #4**

11# Topic4

#12

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**Topic #5**

12# Topic5

#13

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**Topic #6**

13# Topic6

#14

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**Topic #7**

14# Topic7

#15

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**Topic #8**

15# Topic8

#16

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**Topic #9**

16# Topic9

#17

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**Topic #10**

17# Topic10

#18

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**Topic #11**

18# Topic11



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**Topic #12**

19# Topic12

#20

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**Topic #13**

20# Topic13

#21

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**Topic #14**

21# Topic14

#22

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**Topic #15**

22# Topic15

#23

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**Topic #16**

#24

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**Topic #17**

24# Topic17

#25

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**Topic #18**

#26

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**Topic #19**



#27

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**Topic #20**

27# Topic20

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### Actual Documentation

This Winhelp file demonstrates the **WHListbx** control by Mark Gamber. It may be added to any Windows Help file with minimal effort by including the {ewx} statement in the Help source (RTF) file and providing an instruction file via a baggage file.

To add the control to the RTF file, simply include a reference to the control, specifying the baggage file it should use for initialization. For example, the first listbox in this file uses the file **list1.ini** so it's embedded into the help file using **[ewl whlistbx.dll,whlistbx,list1.ini]**. The second listbox is the same with the exception of the baggage file which is **list2.ini**. Note that the "ewl" command shown above has square brackets when, in fact, they should be "{" and "}". This was done only to prevent the listbox from appearing here. Don't use square brackets when you really want a listbox to appear!

Baggage files are used by the listbox to initialize themselves and are very easy to construct and include in the Help Project file (HPJ). A baggage file is an **INI** type file broken into three sections: Initialization, Items and Topics.

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### Baggage Initialization Section

Each listbox uses a baggage file for initialization and control. The baggage file is an **INI** file which contains an initialization section (**INIT**) which much contain the following information:

<b>[INIT]</b>	Identifies this section as the initialization section
<b>Xsize=#</b>	Specifies the horizontal size of the listbox
<b>Ysize=#</b>	Specifies the vertical size of the listbox
<b>FGColor=#</b>	Specifies the foreground color (0-16777215)
<b>BGColor=#</b>	Specifies the background color (0-16777215)
<b>Items=#</b>	How many items specified in <b>ITEMS</b> section
<b>FontHeight=#</b>	Height of font to use in the listbox
<b>FontWeight=#</b>	Weight of listbox font (400-normal, 800=bold, etc)
<b>FaceName=font</b>	Name of font to use in listbox. (MS Sans Serif, etc)

For example, the **INIT** section for the first listbox in this file is as follows:

```
[INIT]
Xsize=240
Ysize=100
FGColor=0
BGColor=16776960
Items=20
FontHeight=8
FontWeight=700
FaceName=MS Sans Serif
```

30# init

31\$ [INIT] Section

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### Items and Topics Sections

Each listbox uses a baggage file for item display and where to jump in the help file if an item is double-clicked upon. The first section, **ITEMS**, contains the text displayed for each listbox element, the number of elements specified in the **INIT** section by the **Items** identifier. When the listbox is created, it scans this section, reading each line and adding it to the listbox. The **ITEMS** list **must** start with **List1** and continue unbroken.

Along with the **ITEMS** section is a matching **TOPICS** section which tells the listbox where to direct the WinHelp file when an element is double-clicked upon. Each topic is identified by it's Topic Mapping number, the map numbers defined in the Help Project file's **[MAP]** section. The **TOPICS** list **must** begin with **Topic1** and continue unbroken to the last topic number.

For example, here is the **ITEMS** and **TOPICS** sections for the first listbox appearing in the Windows Help file:

#### [ITEMS]

**List1=Jump To Topic #1**  
**List2=Jump To Topic #2**  
**List3=Jump To Topic #3**  
**List4=Jump To Topic #4**  
**List5=Jump To Topic #5**  
**List6=Jump To Topic #6**  
**List7=Jump To Topic #7**  
**List8=Jump To Topic #8**  
**List9=Jump To Topic #9**  
**List10=Jump To Topic #10**  
**List11=Jump To Topic #11**  
**List12=Jump To Topic #12**  
**List13=Jump To Topic #13**  
**List14=Jump To Topic #14**  
**List15=Jump To Topic #15**  
**List16=Jump To Topic #16**  
**List17=Jump To Topic #17**  
**List18=Jump To Topic #18**  
**List19=Jump To Topic #19**  
**List20=Jump To Topic #20**

#### [TOPICS]

**Topic1=101**  
**Topic2=102**  
**Topic3=103**  
**Topic4=104**  
**Topic5=105**  
**Topic6=106**  
**Topic7=107**  
**Topic8=108**  
**Topic9=109**  
**Topic10=110**  
**Topic11=111**  
**Topic12=112**  
**Topic13=113**  
**Topic14=114**  
**Topic15=115**  
**Topic16=116**  
**Topic17=117**  
**Topic18=118**  
**Topic19=119**  
**Topic20=120**

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### **{ewx} Windows Help Embedded Windows**

A window such as this listbox control may be embedded within a Windows Help using a directive added to the RTF source text. The syntax of the command is as follows:

**{ew[lcr] filename.dll,winclass,data }**

**lcr:** Determines if the window is left, center or right aligned.

**filename.dll:** Filename of the DLL with the embedded window. In this case "whlistbx.dll"

**winclass:** Classname of the embedded window. In this case, "WHListbx".

**data:** Whatever data the author specified. In this case, the filename of the baggage file.