

About...

About of this first version, thank you to register

[Main index](#)

Why and What ??

MAKHLP is a Windows Help Authoring Tools

MakHlp makes the necessary files to create a window's help(.hlp file). You must have the help compiler HC31.EXE produced by Microsoft(If you have a licence). You can find this file :

SDK31

COMPUSERV

many BBS of Microsoft

Ex: Luxembourg (32) 2-7350045 (HCP.ZIP)

England (44) 734 270065.

This help can be used by any program.

Although this program is able to create a help for all sorts of program, it's specially made for the users of the Visual C++, in this case the programmers can effectively directly link the menus and windows to get a context sensitive help (You must precise that at the generation by AppWizard)

[See :How create a help](#)

[See :Example](#)

Edit options

Option projet

Nom du projet

content

Titre

Copyright

Nom fichier Icon

Nom répertoire

Fichier erreur

CDROM Rapport

Compression

Aucun

Moyenne

Maximum

Warning

sevères

moyen

Tout

Descriptif

Includes externes

RTF externes

Valider Annuler

Project name:

You have to give a name to your project for all code generation.

Content:

This field allows to specify the chosen index page when you ask the index of a help.

Title:

It's the title of the main window.

Copyright:

This field allows to display in the About box a personal Copyright.

Icon Filename:

The name of the file ICON (.ico) used with the help is noticed in this field.

Directory name:

This field allows to specify the directory where the set of the files are generated.

Advice: it's better to use this field if you don't want that all the helps are in the same directory.

Error File:

The compilation errors are stocked in this file.

Compression & error options

<input type="checkbox"/> CDROM	<input checked="" type="checkbox"/> Rapport
Compression <input type="radio"/> Aucun <input type="radio"/> Moyenne <input checked="" type="radio"/> Maximum	Warning <input type="radio"/> sevères <input type="radio"/> moyen <input checked="" type="radio"/> Tout

The CDROM check box allows to specify the creation of a file optimized for CDROM access.

The choice compression allows to specify the performance of compression used for the bitmap.

The "RAPPORT" check box permit the creation of error's message.

The choice "Warning" allows to specify the level warning.

External Includes:

Il est possible d'inclure dans l'aide des fichiers includes externes pour des liens entre un programme et une aide.

If you want to create links between a program and a help, it's possible to include external file with the extension .hm

External RTF

It's possible to include RTF files from other origins in the help file.

[Menu dialog box](#)

Dialog Box of the programme

Dialog: general configuration

[Dialog: general options](#)

Dialog: Project Option

[See dialog project option](#)

Dialog: Visual C++ Options

[Visual C++ Dialog](#)

Choice subject type

[Dialog: Type choice](#)

Topic edition

[Dialog: Topic editing](#)

Dialog:Subject editing

[Subject editing](#)

Dialog: subjects exchange

[Dialog: subects exchange](#)

About Box

[Dialog: About Box](#)

Edit subject

This dialog allows to edit a paragraph of a topic. It's possible to specify alignment, colors, font, and different margins. (left,right,before,after)

[See Example](#)

Types :Titles, Sub Title and indented Text

Sujet :

Titre sujet(facultatif):

Titre

gauche | marge gauche de 0.5 cm | fin Para
indent 1*ligne | marge de droite de 0.5 cm | style default
0. | marge haut 0.5 cm | Non Scroll
 | marge bas 0. cm | bar Vert
 Image à droite | Cadre
 Image sur ligne | Fixe

Valider Annuler Style

Alignement possibilities: left,right,center

Indent1° line: it's the indentation of the first line of a paragraph

Check Box "end Para": indicate the end of the paragraph, else the next description will be on the same line.

Check Box "default style":after a paragraph end, it restore the default style for alignment.

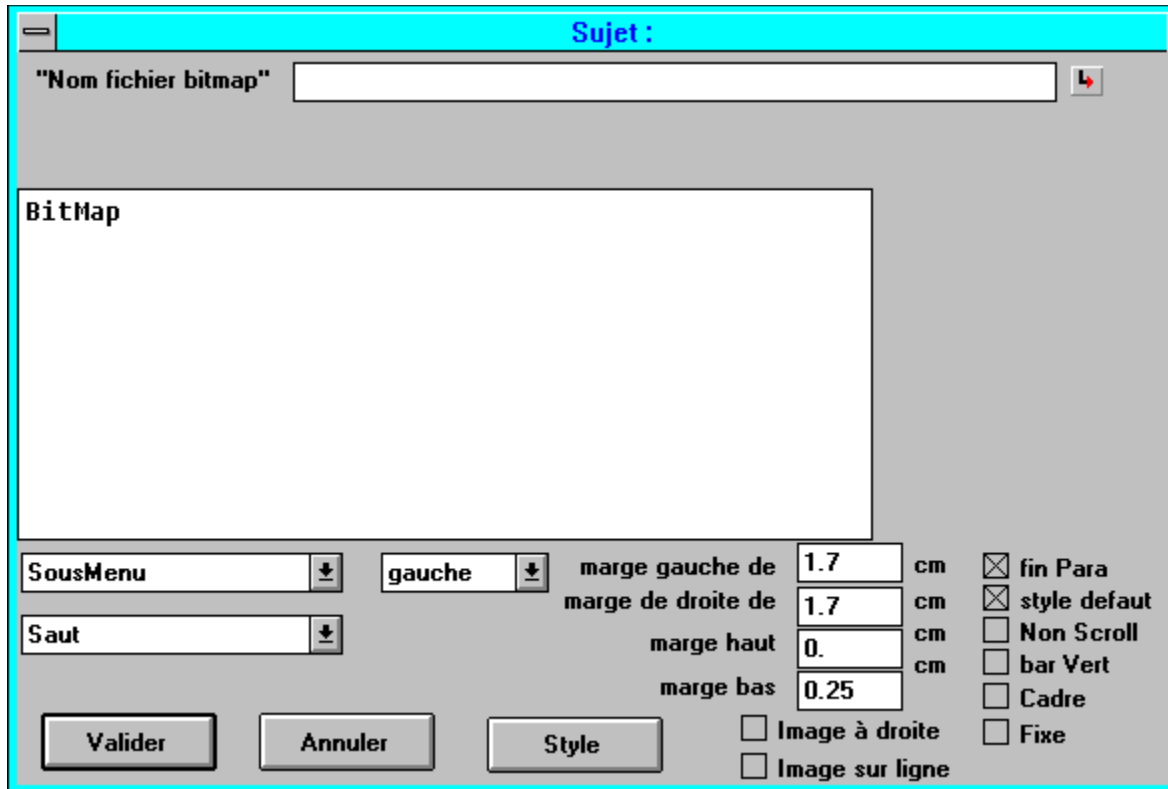
Check Box "No Scroll": create a fixed region in the top of the page. Take care: only the first descriptions of the page can get the property.

Check Box "bar Vert":create a vertical bar at the left of the paragraph

Check Box "Cadre":create un cadre around the paragraph

Check Box "Fixe":create a fixed paragraph (not wrapped)

Les Types BitMapTexte et Saut



Alignement possibilities: left,right,center

Indent1° line: it's the indentation of the first line of a paragraph

Check Box "end Para": indicate the end of the paragraph, else the next description will be on the same line.

Check Box "default style":after a paragraph end, it restore the default style for alignment.

Check Box "No Scroll": create a fixed region in the top of the page. Take care: only the first descriptions of the page can get the property.

Check Box "bar Vert":create a vertical bar along the left of the paragraph

Check Box "Cadre":create un cadre around the paragraph

Check Box "Fixe":create a fixed paragraph (not wrapped)

The use of the check box "picture on the right" and "picture on line" is more ingenious.

"Picture on the right" allows to define a bitmap used with the text on the left of the bitmap. A similar result can sometimes be reached without checking this check box, but selecting a right alignment

Check box "picture on line" allows to announce a bitmap that will be interpreted like a character of a text. That means that it will be aligned on the bottom. **Take care: a bitmap with center alignment is automatically declared of type "picture on line"**

The combo box on the left allow to define the type of links chosen.

For the moment the links are:nothing, jump, sound,popup

Jump:it's necessary to specify the name of the topic chosen.

Sound: You must select .WAV file

Popup:it's necessary to specify the name of the topic chosen.

[Menu dialog box](#)

Build All

Build all the files

Include VisualC++ file generation

This option build a XXX.hm file from the "resource.h" file of project. Standard MFC ID and the identifiers of resources begin with a prefix:

Commands:	ID_	IDM_
Prompts :	IDP_	
Resources:	IDR_	
Dialogs:	IDD_	
Frame Controls:	IDW_	

The generated file is imported in the program and it's possible to link a topic to an identifier. For instance if IDD_ABOUTBOX is linked to a topic, when you press the "F1" key inside this box, the help is directly displayed on this topic.

[Other generation](#)

Automatic code generation



Include Visual C++ generation



RTF generation



HPJ generation



HLP generation

RTF file generation

The topics of the program are converted in a RTF file. This format is used by the help compiler.

[Other generation](#)

HPJ file generation

The HPJ file contains the description of the help project.

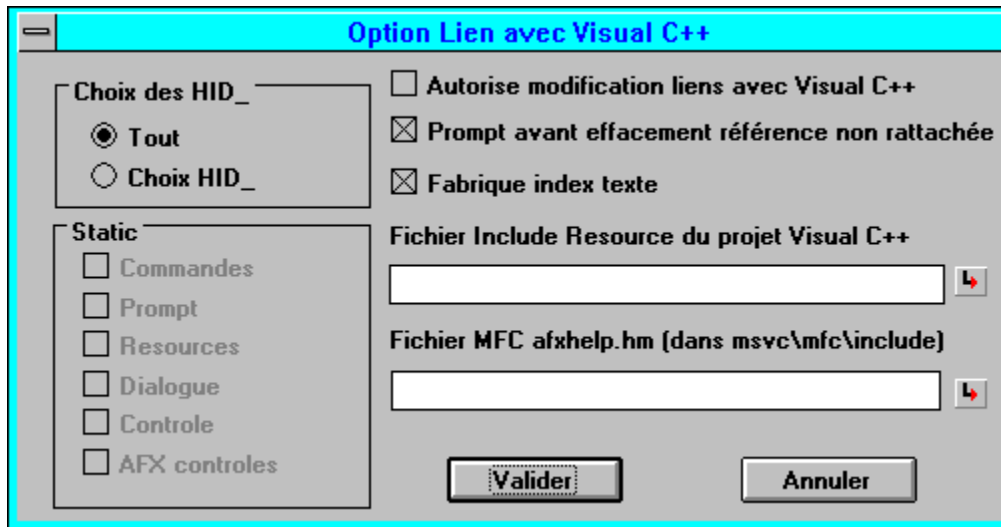
[Other generation](#)

HLP file generation

The .HLP file is created from .RTF and .HPJ files.
The help compiler HC31.EXE (deliver with SDK31 or available on compuserv and on some good BBS) compiles these files.

[Utility of MAKHLP](#)

Dialog: VisualC++ options



Different ID types are possible : (AFX, controle, dialogue..)

If you don't want the maximum of choices in the ID's selection, it's possible to filter some types.

If checking the box "All", all imported identifiers are in the combo box.

Autorise modification liens avec Visual C++

This box allows to disable the automatic generation of the include xxx.hm file from resource.h file (used by AppStudio).

A Help file with no Visual C++ link must disable the link modification.

Prompt avant effacement référence non rattachée

At each time you leave the dialog "options/project" and "options/Visual C++", the xxx.hm is analysed. If some HID_ used in the help are no more in the include files, a destruction of not used link is engaged. But just before this destruction process, a window prompt can cancel it. So if you destroy by mistake the xxx.hm file all links are immediatly going to be destroy.

Fabrique index texte

This box enables the automatic generation of 2 files:

- xxx.ind contains all Topic name:n ASCII+CR
- xxx.key contains all Keywords: ASCII+CR

This is usefull for a program which can search the existence of a keyword before call winhelp.exe.

These files are not sorted and xxx.key may have double. The use of those files allows th avoid the classical Winhelp message:"Topic does'nt exist"

Fichier Include Resource du projet Visual C++

The selection of the resource file is obligatory to establish links with a Visual C++ project.
Indeed, MakHlp extracts the xxx.hm file from the resource.h file used by AppStudio.

Fichier MFC afxhelp.hm (dans msvc\mfc\include)

The directory of the afxhelp.hm file is obligatory to see links of MFC

[Menu dialog box](#)

Open recent file

open 4 last files used

Menu About

[About Dialog](#)

General options dialog

Titre		Sous Titre	
gauche	0.5	gauche	0.5
droite	0.5	droite	0.5
haut	0.5	haut	0.5
bas	0.	bas	0.
Retrait 1ère	0.	Retrait 1ère	0.

Texte		Indent	
gauche	0.5	gauche	0.5
droite	0.5	droite	0.
haut	0.5	haut	0.
bas	0.	bas	0.
Retrait 1ère	0.	Retrait 1ère	0.

Buttons: Valider, Annuler

This dialog box allows to define the default margins of the main paragraphs. These values are saved in the .ini of the program. Any modification in this file can be fatal. In this extreme case, it's necessary to clear the suspect lines or all the file.

[Menu dialog box](#)

Exchange of Subjects

[Dialog box menu](#)

Selection of subect type





Text of type TITLE, font: MS SERIF , Size: 24 , bold



Text of type Sub TITLE, font MS SERIF , Size 18 , bold



Indented text , font MS SERIF , size 10



Normal text , font MS SERIF , size 10



Select a bitmap. A click on the picture can produce:

- jump to another topic
- play a sound (select a .WAV)
- open a window Popup



Select a text, a click on this can produce:

- jump to another topic
- play a sound (select a .WAV)
- open a window Popup

[Menu dialog box](#)

Topic edition

The screenshot shows a dialog box titled "rattachement topic". It has a light blue header bar with the title. Below the header, there are four input fields: "Nom" (a single-line text box), "Titre" (a single-line text box), "Référence" (a single-line text box with a dropdown arrow on the right), and "Mots Clefs" (a multi-line text area). At the bottom of the dialog, there are two buttons: "Valider" and "Annuler".

The field "Name" allows to specify the topic name, it's a internal name that will only appear in the combo box of link. Only the caracters between a et z are authorized.

The field "title" indicate the name that will be show in the research box of winhelp.exe.

The choice of the reference allows to link a topic with a context sensitive identifiicator (menu, dialog, window ...)

The keywords are used in the search dialog of winhelp.exe.They allows to look for a very special subject in the help file. It's possible to enter several keywords for one topic.

Open file



Open a existing file

Menu New file



Empty the document

Save file



Save the document

Menu Save file as



Save the document with a new name

Print setup

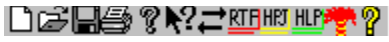
Configure the printer

Quit program

Program's end

Tools Bar

Hide or show the tools bar



Status bar

Hide or show the status bar

Help Test



Allows to test the help in developpement

Exchange subject between topics



Display a dialog transferring subject between topics

Menu general options dialog

Display the dialog for the options [See general options dialog](#)

Menu dialog of Projects options

Display a dialog editing project options [See Project Option dialog](#)

Menu Dialogue of Visual C++ options

Display the dialog editing the Visual C++ options [See Visual C++ option dialog](#)

Contextual Help



Pushing this key displays the contextual help on that you show.

Menu Help Index

With this menu you directly enter on the help index

Menu Use Help

Help on the help

Future Improvements

If this program is successful, I can see more extensions:

- context sensitive generation pour Visual Basic
- context sensitive generation pour BC4++
- JUMP inter file HLP
- MACRO definition
- Prévisualisation
- Import RTF files
- better editor
- Definition of global link

et vos idées.....

Utilisation de la source de l'aide

Pourquoi les sources ?

J'ai fourni les sources de l'aide de MAKHLP uniquement dans le but de laisser l'utilisateur examiner les différents aspects de la création d'une aide avec ce programme. Si vous voulez le recompiler vous rencontrerez quelques problèmes. Déjà le nom de répertoire des fichiers bitmap correspond à ma machine de développement et dans la boîte de dialogue "OPTIONS/PROJET", il faut redéfinir des chemins valides. Si le fichier "makhlp.hm" n'est pas au bon endroit vous aurez aussi droit à l'apparition d'une "Message Box" demandant de confirmer l'effacement des références. C'est normal la vérification des liens est effectuée à chaque fois que vous validez les dialogues "OPTIONS/PROJETS" et "OPTIONS/Visual C++", si le fichier MAKHLP.HM est absent les liens peuvent être ainsi détruits.

Compiler les sources

Le plus simple est de copier l'ensemble des fichiers et sous répertoire dans F:\DEV\MAKHLP. Puis de sélectionner dans "OPTIONS/Visual C++" le fichier afxhelp.hm si vous êtes possesseurs d'une édition Visual C++.

Sinon il faut:

- éditer le nom de bitmap un par un et mettre le nouveau répertoire
- spécifier l'emplacement du fichier makhlp.hm
- spécifier l'emplacement du projet

How to update references

The references are read in .HM file, this file must exist.

HM File creation

- this file can be manually created with a text editor
- this file can be automatically created from Visual C++ projects or Visual Basic projects.

Visual C++

You must:

- 1- Indicate in menu "OPTION/PROJECT" the project type:Visual C++
- 2- Check in menu "OPTION/VISUAL C++" the case wich allows the links modification
- 3- Choice the menu "Build\Build Visual Include HM"
- 4- Now the .HM file exist, but the new references are not automatically updated in the references list (to avoid destructions errors because of ID lost), So you must go in the menu "OPTION/VISUAL C++" and do "OK".

Visual Basic

You must:

- 1- Indicate in menu "OPTION/PROJECT" the project type:Visual Basic
- 2- Check in menu "OPTION/VISUAL BASIC" the case wich allows the links modification
- 3- Choice the menu "Build\Build Visual Include HM"
- 4- Now the .HM file exist, but the new references are not automatically updated in the references list (to avoid destructions errors because of ID lost), So you must go in the menu "OPTION/VISUAL BASIC+" and do "OK".

Build a Aide Visual Basic help

Visual Basic Help

This new version can build automatically a Visual Basic Help..

Use of the generator

A help skeleton can be generated from a Visual Basic Project.

[See: automatic generator](#)

Normal Visual Basic project

A Visual Basic project is now treated as a Visual C++ project. The .frm files are analysed and the field HelpContextID is extracted from the controls if his value is not null(the .HM file contains the list of the values).

[See: Visual Basic example](#)

[How to update the references](#)

Build a Visual C++ Help

Visual C++ Help

First Step

- create a new empty document
- In menu Options/Project:
 - Absolutely necessary:
 - enter the project name t (name f the .HLP file)
 - choose the work directoryl (for files .RTF, .HPJ and .HM)

Step 2 (Optional)

You can forget this step if the help is not linked to a Visual C++ project.

You must specify links options in the menu Options/Visual C++, select the resource.h file used by AppStudio, select the afxhelp.hm (probably located in MSVC\MFC\INCLUDE) witch contains all MFC idenficators.

To allow the creation of the .HM file, it's necessary to check the first check box:"Allow links modifications". You can avoid manipulations errors by uncheck this choice.

[Seel: Dialog Box C++ options](#)

Step 3

You must now use the editor. The left list contains the topics and the right list contains paragraphes for each topic.

.

[See typical example](#)

[How to update references](#)

Dialog:search double in ID

With this dialog, you can see witch ID is used twice in the .FRM files. Two controls can access the same help.

Dialog: Windows attributes

With this dialog box you can modify the placements and colors attributes of the main and Second windows. The main windows must be named "main".

Maximize

:do a full screen window

TopMost

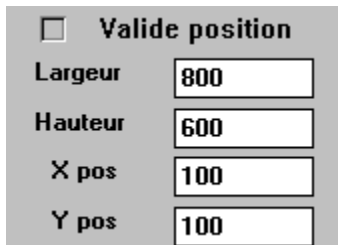
:do a topmost window.



:definition of the background color(in the main window you use the default color)



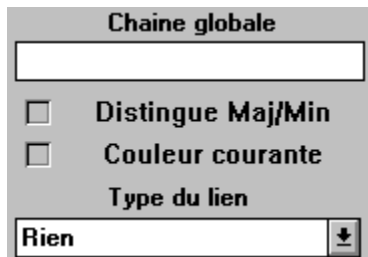
:definition of the no-scroll region color(in the main window you use the default color)



:size and position definition.(no more than 1023)

Dialog: Global text definition

This dialog box is used for the definition of the global string accelerator.



The dialog box is titled "Chaine globale". It contains an empty text input field. Below it are two checkboxes: "Distingue Maj/Min" and "Couleur courante", both of which are unchecked. Underneath these is the label "Type du lien" followed by a dropdown menu that currently displays "Rien" and has a small downward-pointing arrow icon to its right.

"Global string": input string to process

"case sensitive": if checked distinguish capital letter/small letter.

"default color": if checked the string color will be the color of the paragraph.

The buttons Add/Change/Delete are used for string management. When a list item is modified you must push the Modify buttons to update the changes.

Dialog: Visual Basic Options

With this dialog you can specify 3 options for the management of the Visual Basic project.

Allows links modifications: if checked it's possible to create (or update) the .HM file.

Prompt before delete no attached reference: if checked a dialog box with the list of no attached references is shown. You can decide to delete this references.

Build text index: if checked a .IND file is created wich contains the key words used.

Dialog: Class selection for VBX

Utility:


With this dialog you can select a VBX file so that the program generates the help of the control.


How to generate a VBX help:


- 1) Choice a VBX file (button VBX Choice)
- 2) Select the chosen classes(from left to right)
- 3) Optional: prefix redefinition
- 4) start the generator "START CREATION"


Typical Example

Use the option "picture on line"
When this option is checked, the bitmap is considered as a character.

Fichier Include Resource du projet Visual C++
  Choice 1 Popup

Fichier Include Resource du projet Visual C++
  *Choice Window 2*

Fichier Include Resource du projet Visual C++
  test+2TAB


Fichier Include Resource du projet Visual C++
  BitMap aligned





Normal text, it's can be left,right,center aligned [Jump in center on **The example window 2**](#),it's really un good example with a box around the paragraph

Idented normal text with un vertical bar on the left, the indentation is 1 cm on the first line

This is a normal text but it has got the "fixed attribut", that means that it won't be cut at the time of the sizing main window.
Only a return can impose a new line

This the beginning of a text with a bitmap

Fichier Include Resource du projet Visual C++
  just a the middle of a line
of text

Voilà du texte qui vient d'une bitmap  qui contient des des Hotspots  graphiques édités  à partir de shed un pro  gramme de de Microsoft.

Window 1 Popup



small bitmap without action

Example window 2

Fichier Include Resource du projet Visual C++



Sound example

Visual Basic Exemple

It's possible to link a visual basic application with a help file. But You must type yourself the file ".hm" witch contains the HelpContextID. I made a small example named "VBASIC.EHE" with only one sensitive context window. The context ID associated to this window is 10, I've named it TEST_FEN1 in the file VBASIC.HM



Main Index of MakHlp

Fichier Include Resource du projet Visual C++

What is the program fonction ?

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Visual Basic Example

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News

Main Window

This program is a shareware. That mean's that it's not free. If you use it and if you enjoy it, you have to send me your modest contribution.

You'll then receive the last registred version and the future updates.

All your suggestions are wellcome

To register you, read the REGISTER.TXT given with the program

INDEX

BUILD a HELP File

First Part

- Begin with a new document
- Menu Options/Project:
 - project name (it's the name of the future help file)
 - select works directory (for files .RTF, .HPJ and .HM)

Part Two

If your project isn't a Visual C++ project you can jump this part

You must specify link options with the Visual C++ project. So you select the menu Options/VisualC++".

You must first select the resource file "resource.h" used by AppStudio. Then select the file afxhelp.hm in the MFC directories (dans MSVC\MFC\INCLUDE).

To create the file "fichier .hm", it's necessary to check the first check box : "Allow link modification".

[See dialog Visual C++ options](#)

Third Part

You must now work in the editor, good luck

[See Example](#)

Dialog: Open a file

This dialog allow the selection of a file

Dialog: Save file

This dialog allow to save a file

Dialog:Font choice

This dialog allow you to choice types ,sizes and colors

Help Compiler Choice

The default help compiler called is hc31.exe. You can use HCP.EXE but you have to modify the file HCP.MAK with the program PIFEDIT. (This program needs a Microsoft License, Microsoft is a trad Mark))

Edit Window

INDEX

News

- 1) Copy/Paste of topic between two projects
- 2) multiple selection in subjects exchanges
- 3) Topic or subject edition by pressing the ENTER key
- 4) Multiple context id to the same topic
- 5) Visualisation of non linked references
- 6) new macro (command execute)
- 7) Look 3D

Wizard Basic generator

Introduction

This new version contains new features: automatic creation of Visual Basic Help. A no null "HelpContextID" indicates un reference used in .HM file.

How to do ?

1) Write positive numbers different in the fields "HelpContextID".

2°) Save the form in text format

3) execute MAKHLP

4) Open a new project

5) optional: option choices for paragraphs

6) go in menu PROJET/BASIC WIZARD/GENERATION BASIC WIZARD

7) type the name of the BASIC project ".MAK"

8) Now all is automatic:

- document name
- project name
- works directory
- project type (Visual Basic)
- project .MAK name in the dialog Option/Visual Basic
- the .HM file is builded automatically

9) BUILD ALL

Wizard VBX generator

Introduction

This new version contains new features:automatic creation of VBX Help from a VBX wich supports VB 1.0

