

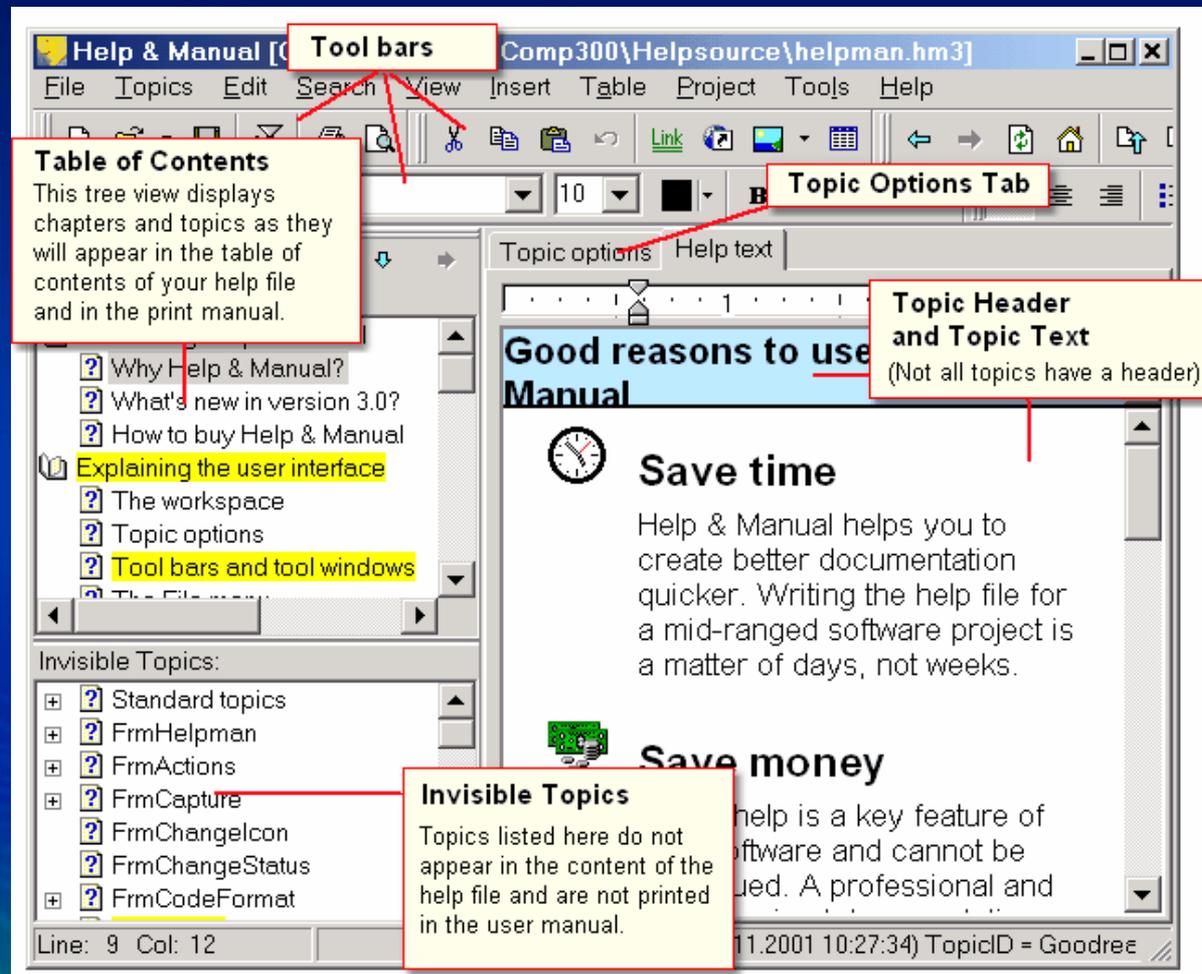
Using Help & Manual 4.5 to create Intel ® MTA Help File

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Help and Manual 4.5

- Help & Manual is a help authoring tool that lets you create and edit your online help project and export it to a variety of file formats. It can output your initial help file into **Adobe PDF**, **HTML Help**, **plain HTML**, **Winhelp** and other file formats.



Required Help Files

- Help file development tool
 - Help & Manual 4.5 is used to create and edit help files
 - <http://www.helpandmanual.com>
- Help&Manual project files are required for Intel® MTA:
 - *iwmodule.HMX*
 - ◆ The Help&Manual 4.5 project file, used to maintain the content of the module's help file
 - ◆ Located in project hlp VSS folder
- Help files that must be compiled & released for IMTA
 - *Windows Help Support*
 - ◆ *module.CHM* – HLP to support CTC
 - Linux Help Support
 - ◆ *Module.CHM* – HLP to support CTC
 - ◆ *Module.txt* – Text help to support Linux command line
 - CTC .SNX files need to be released with HELP file specified
 - ◆ '\$HELPPFILE' parameter specifies the help file name for each device
 - ◆ This can be specified by using the Device Properties sheet to input the filename

The iwProto.HMX file

- ❑ iwProto.hmx files contains all relevant content, format and style of the project help file.
- ❑ iwProto.hmx is a template project file to be used to create Intel ® MTA help files
- ❑ To use this file open it with Help & Manual, edit content, and “save as” the Intel ® MTA project name.
- ❑ iwProto.hmx is located on VSS \$/WinMTA Tests/proto/hlp includes basic outline of an Intel ® MTA help file, and used in this presentation
- ❑ NOTE: iwTemplate.hmx is an alternative template with only a style setting for background colors. It is also located on VSS \$/WinMTA Tests/proto/hlp

Writing a Help File - Rules

- ❑ At a minimum, write the topics for overview, installation, version notes, error messages, **a topic for each device**, a topic for each test, and a topic for each parameter.
- ❑ Be consistent. Use existing help files as a guide, or iwProto Example in VSS \$/WinMTA Tests/Proto/hlp
 - iwProto.hmx “Includes examples of all the required topics”
 - iwTemplate.hmx “Only include help file page styles”
- ❑ Overview Topic Requirements
 - Topic ID of “**overview**” is required (see “Topic Options” tab).
- ❑ Version Notes Topic Requirements
 - Topic ID of “history” is required
- ❑ Installation Topic Requirements
 - Topic ID of “installation” is required
- ❑ Subtest List Topic Requirements
 - Topic ID of “tests” is required
- ❑ Error Messages Topic Requirements
 - Topic ID of “errormessages” is required

Writing a Help File - Rules

- ❑ Sub-Test Topic Requirements
 - Topic ID of “**test#**” where # is the test number. No leading zeros in the test number
- ❑ Parameter Topic Requirements
 - Topic ID that matches the parameter name
 - For grouped parameters, use the group and dot notation as the prefix in the Topic ID. Dots must be replaced with ‘_’, either by the author or the tool. H&M will automatically replace ‘.’ with ‘_’
 - For array parameters use the core parameter name. Remove the brackets and everything between them.
- ❑ Project->Properties: “Title and Copyright” must be filled out using defined copyright standards
- ❑ Table of Contents: Sequence is Overview, Version Notes, Installation, Parameters, Sub-tests, Errors

iwProto Example: Help Text

The screenshot shows a help application window titled "Help & Manual [C:\projects\Proto\hlp\iwProto.hm3]". The window has a menu bar with "File", "Topics", "Edit", "Search", "View", "Insert", "Table", "Project", "Tools", and "Help". Below the menu bar is a toolbar with various icons for file operations and editing. The main content area is divided into two panes. The left pane, titled "Table of Contents:", shows a tree view of the help topics. The right pane, titled "Help text", shows the content for the selected topic, "parameter_name_2". A context menu is open over the "parameter_name_2" topic in the right pane, listing several actions: "Change Item", "Insert Before Alt+Ins", "Insert After Shift+Alt+Ins", "Insert Child Shift+Ctrl+Ins", "Delete item", "Sort items", and "Refresh item Shift+Ctrl+R".

Help & Manual [C:\projects\Proto\hlp\iwProto.hm3]

File Topics Edit Search View Insert Table Project Tools Help

MS Sans Serif 10

Topic options Help text

Table of Contents:

- iwProto
 - Overview
 - Installation
 - Version Notes
 - Error Messages
 - Sub-tests
 - Test 1 - subtest_name_1
 - Test 2 - subtest_name_2
 - Parameters
 - parameter_name_1
 - parameter_name_2

Invisible Topics:

- iwproto

parameter_name_2

Description

Allowable values

Example

Change Item

- Insert Before Alt+Ins
- Insert After Shift+Alt+Ins
- Insert Child Shift+Ctrl+Ins
- Delete item
- Sort items
- Refresh item Shift+Ctrl+R

parameter_name_2 (parametername2)

iwProto Example: topic options

The screenshot shows the 'Help & Manual' application window with the following components:

- Table of Contents:** A tree view showing the project structure. 'iwProto' is expanded, and 'Overview' is selected.
- Invisible Topics:** A list of hidden topics, currently containing 'iwProto'.
- Topic options:** A configuration panel for the selected topic with the following fields:
 - Topic ID (required):** A text box containing 'overview'.
 - Anchor in Topic:** A dropdown menu set to '(Top of page)'.
 - Help Window:** A dropdown menu set to 'Main'.
 - Help File:** A text box containing '(Current)'.
 - Help Context Number:** An empty text box.
 - Keywords:** A list box containing 'overview' and 'version'.
 - Δ-Keywords:** A list box containing 'iwproto_main'.
- Builds which include this topic:** A list of build configurations with checkboxes:
 - All Builds
 - Microsoft Help 2.0
 - HTML HELP
 - Winhelp
 - Browser Help
 - Print Manual
 - PDF Export
 - Multimedia Help
 - Demo Build
 - User Defined 1
 - User Defined 2
 - User Defined 3

parameter_name_1 (parametername1)

Required content for Topic options for iwProto

- ❑ **H&M Does not support TOPIC ID characters \/:*?#=#+%!@[<>"]|,& or SPACES**
 - TOPIC ID and GUI HLP support must have all these characters removed.
 - H&M also replaces all '.' with '_' – so author needs to insure '.' are replace with '_' in the Topic IDs if they are not using H&M.
- ❑ **Overview**
 - Topic ID**
 - overview
 - Keywords**
 - overview
 - version
- ❑ **Version Notes**
 - Topic ID**
 - history
 - Keywords**
 - history
 - notes
 - Version
- ❑ **Installation**
 - Topic ID**
 - installation
 - Keywords**
 - installation
 - files

Required content for Topic options (2)

□ Parameters

Topic ID

- parameters

Keywords

- parameters

□ parameter_name_1

Topic ID

- parameter_name_1

Keywords

- parameter_name_1

□ Paramgroup.parameter_name_2

Topic ID

- paramgroup.parameters_name_1 or paramgroup_parameters_name_1

Keywords

- paramgroupparameter_name_2

□ parameter_array[2,2]

Topic ID

- parameter_array

Keywords

- parameter_arraybb

Required content for Topic options (3)

❑ Subtests

Topic ID

- tests

Keywords

- tests
- Subtests

❑ Test 1 – subtest_name_1

Topic ID

- test1

Keywords

- subtest_name_1

❑ Test 2 – subtest_name_2

Topic ID

- test2

Keywords

- subtest_name_2

❑ Error Codes

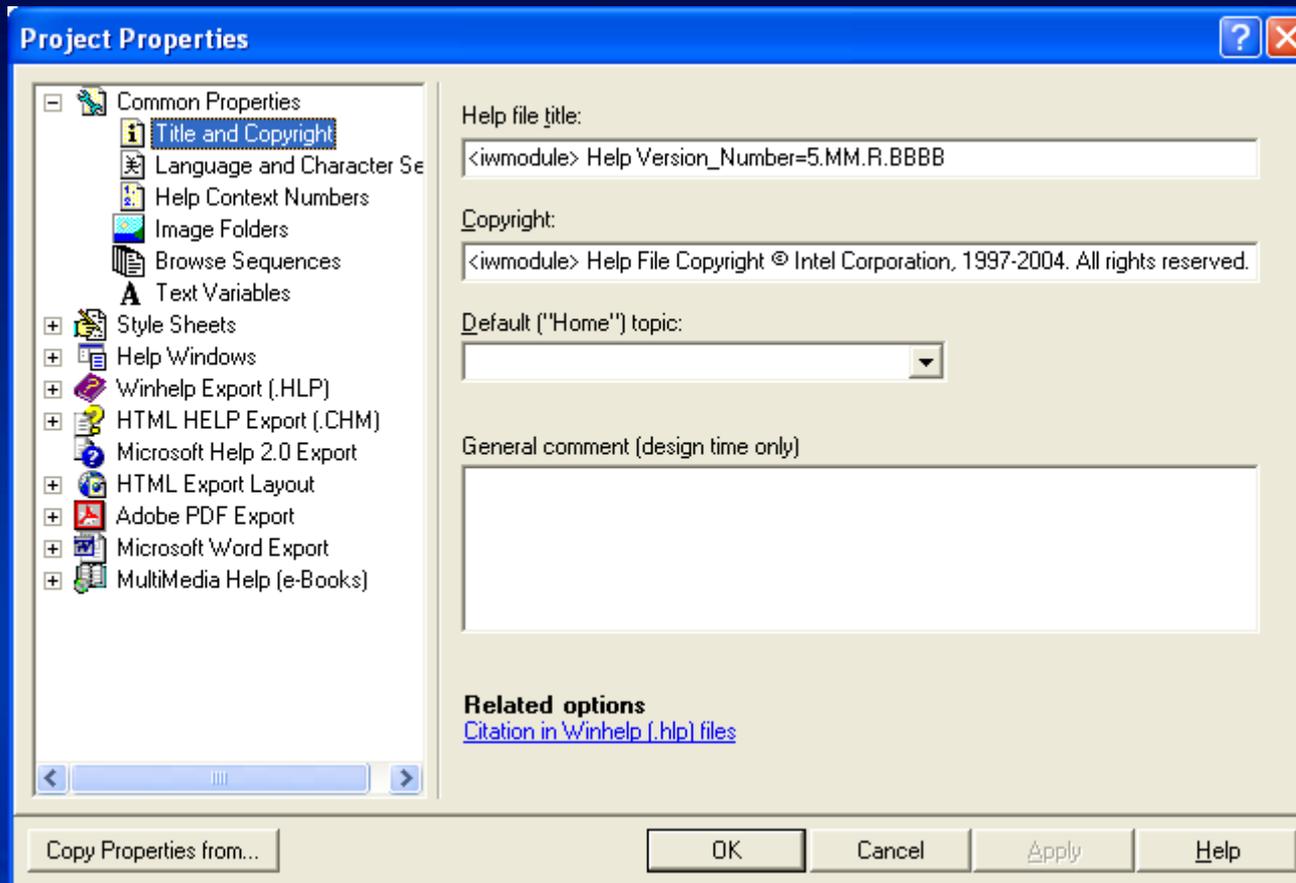
Topic ID

- Errormessages

Keywords

- error

Title and Copyright



Filling in the module name version number for title and copyright fields

Context Sensitive “F1” help requirements

CTC Requirements

- ❑ Topic IDs are filled out correctly
- ❑ Module.snx file has the “\$HELPPFILE” parameter specifying the correct <module>.chm file for each device.

Testing the Help File

- ❑ Select each test and press F1. The specific test help page should appear.
- ❑ Select each device node and press F1. The test overview help page should appear.
- ❑ Select each parameter and press F1. The parameter help page should appear.
- ❑ Use the <r-clk> dialog Node Help... command on each device, test, and parameter again.