

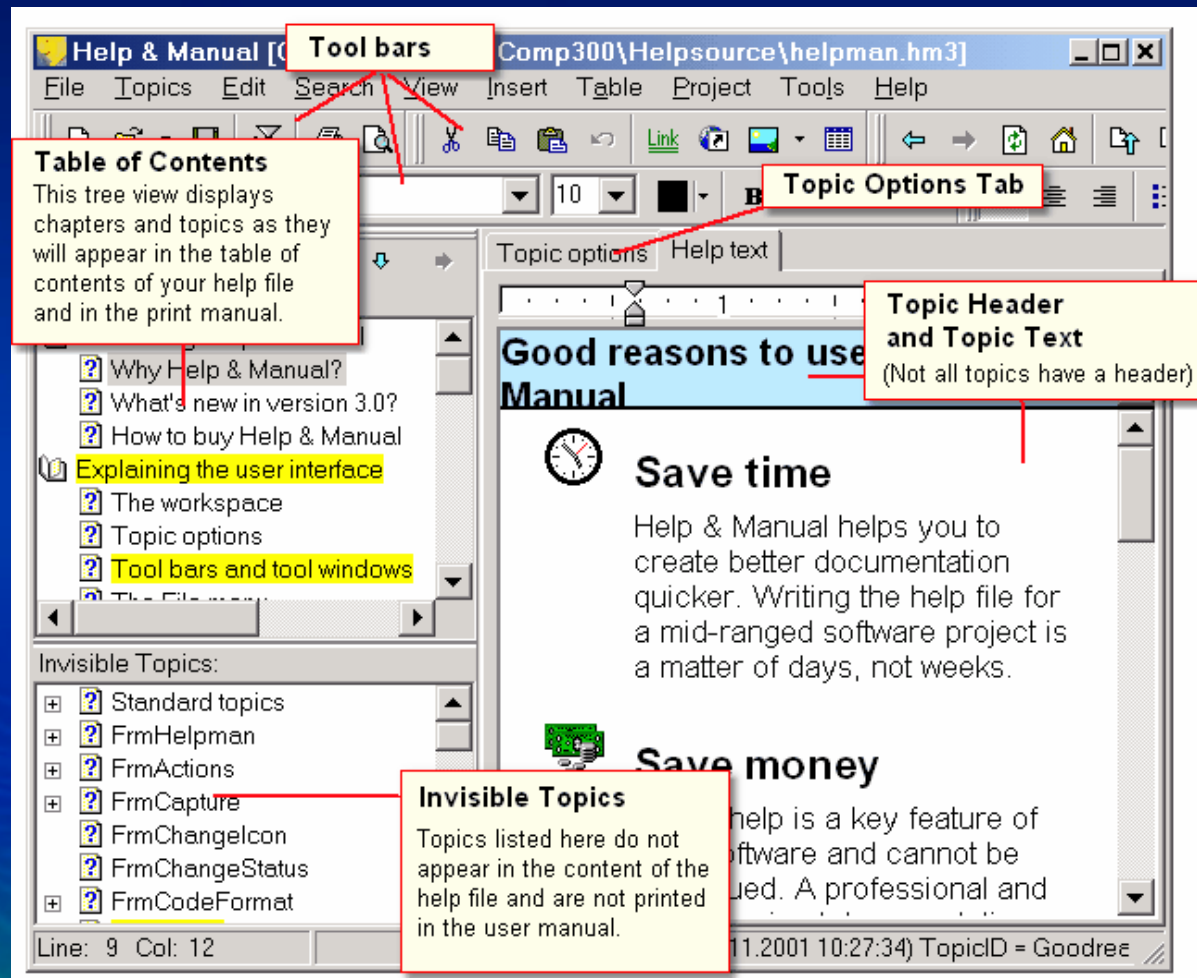
# Using Help & Manual 4.5 to create Intel ® MTA Help File

Copyright © 2004-2011 Intel Corporation. All rights reserved.



## 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

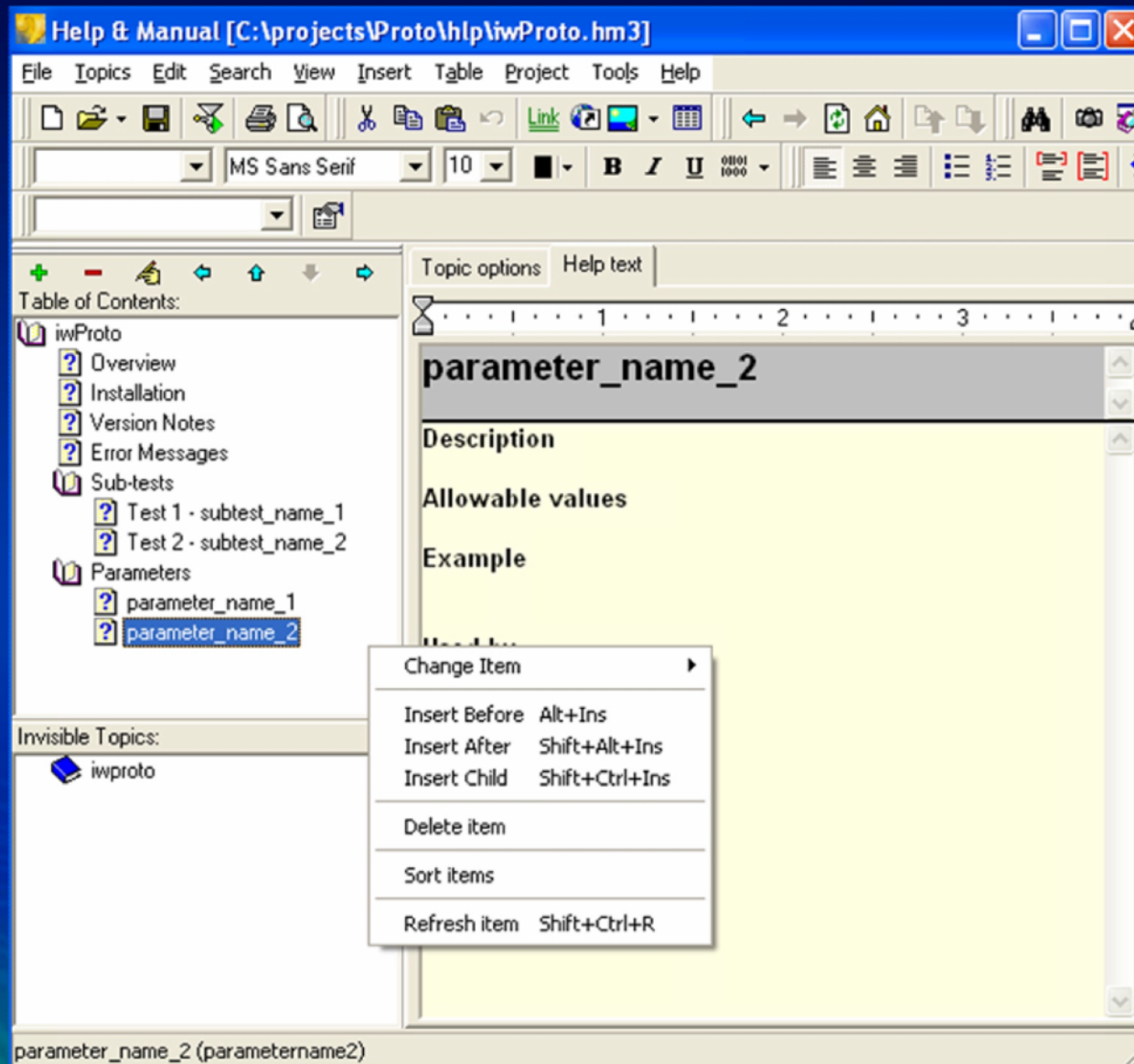
### ❑ Parameter Topic Requirements

- 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.

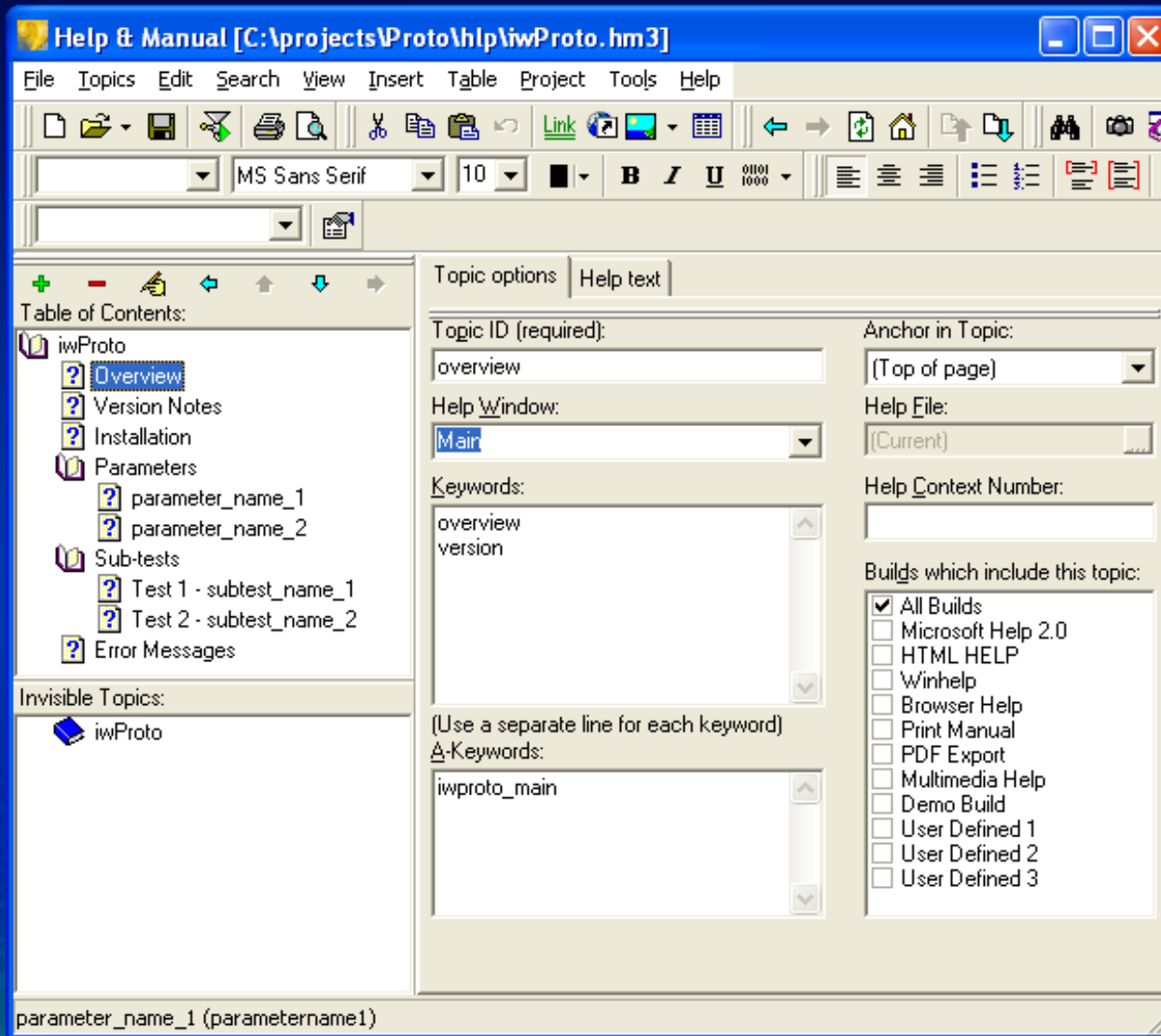
### ❑ Project->Properties: “Title and Copyright” must be filled out using defined copyright standards

### ❑ Table of Contents: Sequence is Overview, Version Notes, Installation, Parameters, Sub-tests, Errors

# iwProto Example: Help Text



# iwProto Example: topic options





# 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

- paramgroupdparameter\_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

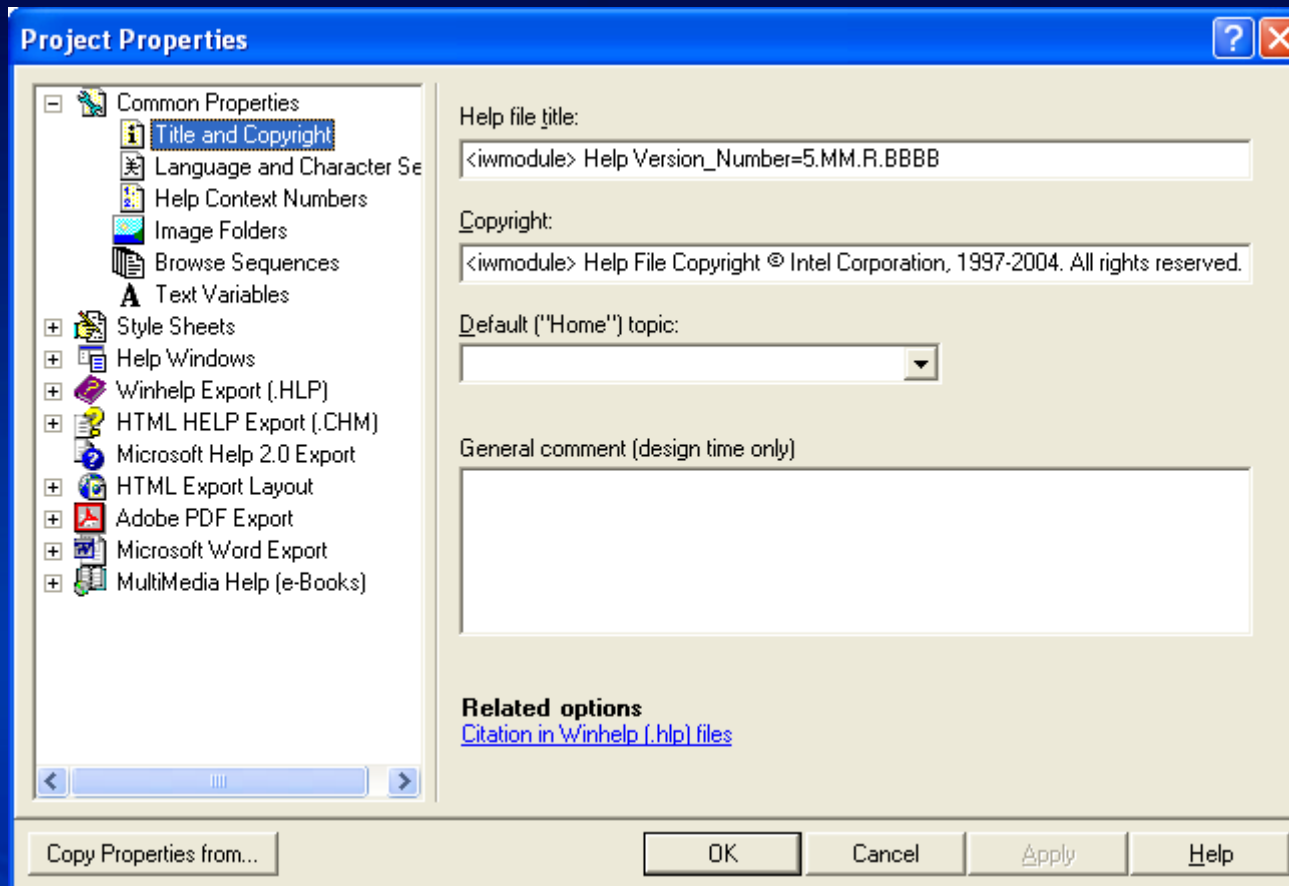
Topic ID

- 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.