User Guide for Version 1.6

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Table of Contents

Introduction	4
Getting Started	
Creating a New Project	5
Opening Existing Projects	6
Importing Set of Pages	7
How to Use HelpLogic	8
Working with Source Files	
Adding Files and Folders	10
Modifying Source Files	11
Link Manager	13
Relocate the Source Folder	14
HTML Code Editor	
Editing Content	15
Code Plugins	17
Editor Tools	18
Visual TOC Builder	
How It Works	19
Adding New Topics	20
Modifying Topics	22
Export Your TOC	24
Replace Your TOC	25
Project Workshop	
Your Project Manager	26
Workshop Categories	27
Documents and URLs	28
Tools and Preview	
The Tools Menu	29
Previewing Help Pages	31

Publishing Help Systems
- Web-based Help 32
- Apple Help 34
- MS HTML Help 37
- PDF 40
- UniHelp 42
- Saving Your Settings 44

About the Trial Version 45
How to Purchase 46
Customer Support 47
Acknowledgements 48

Introduction to HelpLogic 1.6

What is HelpLogic?
In a nutshell, it is the essential help authoring solution for Mac developers. Easily create help systems for your software applications and web sites from a single source!

This User Guide was built with HelpLogic!

HelpLogic's award-winning design removes the development headaches usually associated with help authoring. With time-saving features like the built-in Visual TOC Builder, Project Workshop, HTML Editor, Link Manager and more, HelpLogic is the ideal solution for software developers, help authors, web site designers, and documentation writers.

For details on what's new in this version, please read the **Release Notes**. For more information on the **Trial Edition** or **How to Purchase** a license, please see those respective pages. HelpLogic 1.6 is a free upgrade for existing HelpLogic customers. Still using the limited Trial Edition? **Purchase HelpLogic for only US $99** -- Order online today at **http://www.ebutterfly.com/helplogic/**

HelpLogic, created by Electric Butterfly, Inc. For the latest news and product updates, check out the official HelpLogic web site at:
http://www.ebutterfly.com/helplogic/

Creating a New Project

Step 1: Launch HelpLogic

When launched for the first time, you will be prompted to either accept or decline the HelpLogic end user license agreement. The next screen that automatically displays (until the application is registered) is the Register window. If you wish to evaluate HelpLogic, click the "Later" button to continue.

Step 2: New Project

From the Welcome screen, click the "New Project" button and the application will walk you through the process of creating a new HelpLogic Project. You can also select "New Project" from the File Menu to create a HelpLogic project.

Give your project a name (you can give your finished help system a different name when publishing) and then tell HelpLogic where you want to save your new project. Upon clicking the "Create" button, HelpLogic generates a new project folder in that location that contains your HelpLogic project file, along with a "Source" folder that will hold the HTML help pages you create in your project.

Step 3: Main Project Window

The main project window that appears is the heart of the HelpLogic application. The interface design provides a very intuitive, time-saving workflow for easily creating, editing, and managing your project's table of contents, related HTML source files, and project development notes, saved code snippets, etc. For a quick overview on HelpLogic basics, please read the **How to Use HelpLogic** page, or browse the rest of this User Guide for details on specific features.

Opening Existing Projects

Step 1: Launch HelpLogic

If you have not yet registered HelpLogic, the first window that appears is the Register window. If you are still evaluating HelpLogic (and not yet ready to purchase), click the "Later" button to continue.

Step 2: Welcome Screen

Once the Welcome screen is displayed, click the "Open Project" button, or select "Open Project" from the File Menu to open an existing HelpLogic project file.

From the Open dialog window that appears, simply select a HelpLogic project file (with an .ehp file extension) to open it.

You can also choose a recently opened HelpLogic project by selecting it from the "Open Recent" menu.

You can also open a HelpLogic project by double-clicking on the .ehp project file or by dragging and dropping the project file onto the HelpLogic application icon.

Step 3: Main Project Window

The main project window that appears is the heart of the HelpLogic application. The interface design provides a very intuitive, time-saving workflow for easily creating, editing, and managing your project's table of contents, related HTML source files, and project development notes, saved code snippets, etc. For a quick overview on HelpLogic basics, please read the **How to Use HelpLogic** page, or browse the rest of this User Guide for details on specific features.

Importing Set of Pages

If you have an existing set of HTML pages that you would like to use for your help system, you can import the entire set of pages into a new HelpLogic project with the "Import Set" feature.

Step 1: Launch HelpLogic

If you have not yet registered HelpLogic, the first window that appears is the Register window. If you are still evaluating HelpLogic (and not yet ready to purchase), click the "Later" button to continue.

Step 2: Import Set

From the Welcome screen, click the "Import Set" button and then select from the Import Options that are presented. You can also select "Import Set" from the File Menu.

Give your project a name (you can give your finished help system a different name when publishing) and then tell HelpLogic where you want to save your new project. You also need to specify where your existing folder of HTML pages are located, so that HelpLogic can import a copy of them into your new project. Upon clicking the "Create" button, HelpLogic generates a new project folder that contains your HelpLogic project file, along with a "Source" folder that holds a copy of the entire set of HTML pages you chose to import (this also includes all related images and media files from your imported folder).

Importing Old UniHelp 1.x Pages: When importing your old UniHelp 1.x Pages into a new project (using the "Import Set" feature), the project's Table of Contents is automatically generated based on your UniHelp 1.x file naming and numbering scheme. You will still need to add your own custom keywords to the TOC topics, but the generated TOC will have saved you a lot of time when publishing your help pages in other help formats that use the TOC (such as UniHelp 3, Web-based Help, etc.)

Step 3: Main Project Window

The main project window that appears is the heart of the HelpLogic application. The interface design provides a very intuitive, time-saving workflow for easily creating, editing, and managing your project's table of contents, related HTML source files, and project development notes, saved code snippets, etc. For a quick overview on HelpLogic basics, please read the **How to Use HelpLogic** page, or browse the rest of this User Guide for details on specific features.

How to Use HelpLogic

After you have created a new project (or opened an existing HelpLogic project), the main project window that appears is the heart of the HelpLogic application. The interface design provides a very intuitive, time-saving workflow for easily creating, editing, and managing your project's table of contents, related HTML source files, and project development notes, saved code snippets, etc. For options specific to each of the three sections (Source Files, Table of Contents, Workshop), click on the arrow button located at the top right of each section or select from the related menus in the Menu Bar.

Step 1: Create Your Help Pages

The first thing you'll want to do is create your HTML help pages. Click on the "Add File" toolbar button to add a new file or folder to the **Source Files** column in your project. Click the "Edit Page" toolbar button to edit a selected file. Please see the "Working with Source Files" section of this User Guide for details on **Adding New Files and Folders** and **Modifying Source Files**.

Step 2: Build Your Table of Contents

Once you've created all of your help pages, you'll then want to build your Table of Contents (TOC) as you would like it displayed in your published help system. The TOC is the backbone of your help system, providing an organized listing of pages and chapters, so that users can quickly browse the topics and find the information they are looking for.

With HelpLogic's easy to use **Visual TOC Builder**, you can create an effective Table of Contents that assigns an HTML help page and search/index keywords to each topic. To create a new page in your TOC, select "New Page" from the "Add Topic" toolbar menu. To create a new chapter in your TOC, select "New Chapter" from the "Add Topic" toolbar menu. If you need to edit a selected TOC topic, either double-click the selected item or click the "Edit Topic" toolbar button. Please see the "Visual TOC Builder" section of this User Guide for details on **Adding New Topics** and **Modifying Topics**.

Step 3: Preview and Publish!

If you want to preview how a page will display in a specific help viewer or web browser, simply select an HTML file from the Source Files list or the Visual TOC Builder and then choose a viewer from the "Preview" toolbar menu. The "Preview" option is also available in the toolbar of HelpLogic's Code Editor. Please see the **Previewing Help Pages** topic in this User Guide for details.

When you are ready to publish your help pages (via the "Publish" toolbar button), HelpLogic converts your project into the selected help format by using your TOC data as a blueprint to build not only the Table of Contents, but also related link references for the help system's search engine and index (if applicable). Please see the "Publishing Help Systems" section of this User Guide for details on publishing your help project for **Apple Help**, **Microsoft® HTML Help**, **Web-based Help**, **UniHelp** or **PDF**.

Using the Window Menu

An open window in the background (such as an HTML file that's open in the HelpLogic Code Editor) can easily be brought to the front by selecting it in the Window Menu, which lists all currently open windows within HelpLogic.

Adding New Files and Folders

Click on the "Add Files" toolbar item to add a new HTML file, CSS file, or folder to your project. HelpLogic will ask you where in your source files folder you want to save the new file or folder. If adding a new HTML file, you will then need to choose if you want the new file to be created as a generic HTML file, a blank document, or an HTML file with a selected page template. Read the **Page Templates** section of this user guide for details on using page templates.

When adding a new HTML page to your Source Files, you are given the option to also automatically create a new TOC Page Topic that's linked to that HTML page. This saves you a couple extra steps.

Do not use any of the following names for files or folders in the root directory of your source files folder: "index", "toc", "hltoolbar", "hltabs", "hlproject", "hlindex", "hlwebdex", "hltoc", "hlsearch", "hlsearchform", "hlblank" and "hlimages". These filenames are reserved by HelpLogic during the publishing process.

Since your source files get copied to your published Help, be careful not to use accentuated characters or special entities in the file names of your source files and folders, so that you don't run into any hyperlink problems in your published Help.

Importing Files and Folders

If you wish to import an HTML file from another project or location, click on the "Add Files" toolbar item and select "Import File". HelpLogic will ask you to select the file you wish to import and then ask where you wish to save it in your source files folder. You may also import an entire folder of HTML pages into your project by selecting "Import Folder" (also located in the "Add Files" menu underneath the "Import File" option).

Refreshing the List

All changes should be reflected in the Source Files column, but if, for some reason, the Source Files column does not reflect your most recent changes, simply click on the arrow button at the top right of the column to display an options menu. From that menu, select "Refresh List" to update the Source Files column.

File Properties

Select a file from the Source Files column and its file properties are automatically displayed in the status bar at the bottom of the main project window.

Modifying Source Files

Need to view, edit, rename, move, or delete one of your source files? Click on the arrow button at the top right of the Source Files column to access an options menu. From this menu, you can view/edit, move or delete the selected file. This contextual menu can also be accessed by using your right mouse button or control-click a single button mouse. You can also move a selected file via drag and drop to another location within your Source Files list, such as an expanded sub-folder.

View/Edit Item

If the selected file is an image or multimedia file, then double-clicking the selected item will open it in HelpLogic's built-in media viewer where you can view or play the item.

If the selected item is an HTML file, then double-clicking the selected item will open it in the default editor that you've specified in HelpLogic's Preferences. By default, HelpLogic's built-in Code Editor is assigned, but you can assign any of the editors listed in your Editors list to be your default editor in Preferences. See the the section below "Using External Editors" for quick instructions on how to add new external editors to your Editors list.

Using External Editors

If you don't want to use the built-in Code Editor, HelpLogic also lets you select your favorite editor for viewing and editing your source files. Select "Modify Editor List" from the "Edit Page" toolbar menu to add additional external editors to the "Edit Page" toolbar menu list. Please note that only normal applications are supported. Trying to add an editor that is a command line console application will produce a shell error.

Move and Delete

Moving or deleting a selected file can be done by clicking the arrow button at the top right of the Source Files column and choosing from the options menu. This contextual menu can also be accessed by using your right mouse button or control-click a single button mouse. When moving a file, HelpLogic will ask you where you wish to move the file within your source files folder. You can also move a selected file via drag and drop to another location within your Source Files list, such as an expanded sub-folder. Please note that deleting a source file moves it to the Trash.

Renaming Files

To rename a selected source file, click on the arrow button at the top right of the Source Files column to access an options menu. This contextual menu can also be accessed by using your right mouse button or control-click a single button mouse. If you plan on publishing your help system in Web-based Help format for use on your web site, do not use spaces or symbols that are not supported by HTTP, since your TOC will be linking to these pages within your web browser. Your TOC will have nice topic titles (with spaces), so your source file names do not.

Refreshing the List

All changes should be reflected in the Source Files column, but if, for some reason, the Source Files column does not reflect your most recent changes, simply click on the arrow button at the top right of the column to display an options menu. From that menu, select "Refresh List" to update the Source Files column.

File Properties

Select a file from the Source Files column and its file properties are automatically displayed in the status bar at the bottom of the main project window.

The Link Manager

If you rename, move or delete a source file, HelpLogic will ask you if you want the built-in Link Manager to check your HTML pages and Table of Contents for affected link references.

The Link Manager first checks all hyperlink and image references in your HTML pages as well as all link references in your Table of Contents to see if any links will be affected by your action (to rename, move or delete a file). The Link Manager window displays its findings and then asks you if you want those affected links to be updated.

It is recommended to always allow Link Manager to update any affected link references in order to prevent broken links from occurring in your help project. Please note that when deleting a source file, all affected HTML links that point to that deleted file are replaced with an "#" anchor link, so as not to break your HTML.

Relocating the Source Files Folder

If you had to move or transfer your HelpLogic project folder to a new directory or another computer, HelpLogic should be able to successfully locate your Source Files Folder when re-opening your project. If HelpLogic cannot find your Source Files Folder based on its saved location, it automatically looks for a "Source" folder in your project's main folder.

For some reason, if HelpLogic's "smart locator" cannot find your project's Source Files Folder, you can relocate the Source Files Folder by clicking on the arrow button at the top right of the Source Files column and choosing "Change Source Folder" from the options menu. This contextual menu can also be accessed by using your right mouse button or control-click a single button mouse within the Source Files column.

IMPORTANT: Changing your Source Files Folder to a different set of source files than originally used may invalidate your TOC topic links, so this feature is ONLY recommended for those users who need to relocate their project's original Source Files Folder.

Editing HTML Content

To open a file in HelpLogic's built-in Code Editor, select a file in the Source Files column and then choose "HelpLogic Code Editor" from the "Edit Page" toolbar menu.

HelpLogic's Code Editor displays HTML with syntax coloring, line numbering, and many other convenient features. Useful information (such as the current line of the cursor position) is displayed in the status bar at the top right of the Editor window (just below the toolbar). Select **Preferences** from the HelpLogic application menu to modify the editor's font size, display font and colors.

You can either manually type HTML code or you can use HelpLogic's handy Code Plugins architecture to automate your HTML writing. HelpLogic includes more than 90 Code Plugins to help save you programming time. To access these Code Plugins, use the toolbar at the top of the Editor window or use the contextual menu (accessible by using your right mouse button or control-click a single button mouse). Code Plugins are divided into convenient category toolbar menus. Need support for additional HTML tags? Download the Code Plugins SDK and write your own Code Plugins -- it's easy! See the **Code Plugins** section of this User Guide for details.

The Code Editor identifies the document's charset text encoding upon opening the file, which is displayed in the status bar just below the toolbar. You can convert the document to a different charset text encoding by selecting a different charset from that pulldown menu. If you find the syntax coloring or text to be displaying incorrectly when viewing double-byte Japanese and Chinese charsets, you might find that changing the charset menu to UTF-16 may solve the issue.

If you need to search for a word or phrase in an open document or replace existing text, select one of the "Find" options from the Tools menu.

Undo/Redo

Don't worry if you accidentally delete the wrong text or make a coding mistake. Just use the handy Undo feature (in the Edit menu) to retract that last move.

Previewing Your Work

If you want to test your HTML code, you can preview your help page by choosing a viewer/browser from the Editor's "Preview" menu.

Saving Your Work

To save your open file, you can either use the standard keyboard shortcut

Command-S (Mac) or Control-S (Windows) or select "Save" from the "Editor" menu.

Using External Editors

If you don't want to use the built-in Code Editor, HelpLogic also lets you select your favorite editor for viewing and editing your source files. Select "Add New Editor" from the "Edit Page" toolbar menu to add additional external editors to the "Edit Page" toolbar menu list. Please note that only normal applications are supported. Trying to add an editor that is a command line console application will produce a shell error.

Code Plugins

HelpLogic's built-in Code Editor utilizes an extensible plugin architecture, providing a scalable solution to support additional HTML tags, custom scripts, etc. HelpLogic includes more than 90 Code Plugins to help automate your HTML programming efforts. To access these Code Plugins, use the toolbar at the top of the Editor window. Code Plugins are divided into convenient category toolbar menus.

Need support for additional HTML tags? Download more Code Plugins from our online Plugins Library or create your own HelpLogic Code Plugins!

If you already have experience writing HTML and web scripts (such as PHP or JavaScript), then learning the Code Plugins API will be easy! Code Plugins are plain text files with an .ehc file extension, so you can create them using any standard text editor such as BBEdit or TextEdit (in Plain Text mode) on Mac OS X or NotePad on Windows XP. Create plugins for your own use or drive valuable traffic to your web site by sharing your plugin creations with the rest of the HelpLogic community. Developers are invited to join our free Plugin Partners Program to list their plugin offerings in our online Plugins Library. Download the Code Plugins SDK for details.

HelpLogic Code Plugins Library and SDK Download:
http://www.ebutterfly.com/helplogic/plugins.php

HelpLogic Plugin Partners Program:
http://www.ebutterfly.com/helplogic/ppp.php

Editor Tools

Beyond Code Plugins, HelpLogic's Code Editor also includes a growing list of built-in tools.

Special Characters

Can't remember the special HTML codes for all of those symbols and accentuated characters? Not to worry. With HelpLogic, just select "Special Characters" from the Editor's "Tools" menu and you can choose from a comprehensive list of HTML codes for insertion into your current HTML document.

Find and Replace

If you need to search for a word or phrase in an open document or replace existing text, select one of the "Find" options from the Tools menu.

If you need to do a project-wide Find and Replace, then close the open document and choose "Find and Replace" from the Tools menu in the Main Project window. See the **Tools Menu** page for details.

How the Visual TOC Builder Works

Why build a Table of Contents? Because the Table of Contents (TOC) is the backbone of your help system. Like a well-organized book, a good help system provides a TOC listing of pages and chapters, so that users can quickly browse the topics and find the information they are looking for. People do not read help pages from beginning to end. They utilize help systems as reference guides to find specific answers to specific questions, hoping to do so in as little time as possible.

The most important components of your help system are the TOC, index, and search engine. Through HelpLogic's easy to use Visual TOC Builder, you can create a well-organized Table of Contents that assigns an HTML help page and search/index keywords to each topic. When you are ready to publish your help pages (via the "Publish" toolbar button), HelpLogic converts your project into the selected help format by using your TOC and its keyword and link references as a blueprint.

For example, our Web-based Help format is not only cross-platform and cross-browser compatible, but it also includes three selectable tabs (Contents, Index, and Search) and a navigation toolbar to provide a comprehensive, intuitive, user-friendly help experience. Your TOC chapters and pages are displayed in the Contents tab. Your TOC keywords are displayed as an alphabetical index in the Index tab. And the Search tab hosts a client-side JavaScript search engine that's powered by your TOC titles, keywords, and descriptions.

So take special care to design a well-thought, organized Table of Contents, since the way it looks in the Visual TOC Builder is exactly the way it will look in your published help system.

The Visual TOC Builder includes icon buttons for "Source File", "Keyword Tags", and "Description Tag". Single click on a Topic's "Keyword Tags" icon or "Description Tag" icon to view that Topic's keywords or description respectively in the bottom status bar. Single click on a Topic's "Source File" icon to view that Topic's source file path in the bottom status bar. Control-click (Mac) on a Topic's "Source File" icon to Edit or Preview that HTML file. Double-click a Topic's "Source File" icon to open it in your default editor.

Adding New TOC Topics

New Pages

To create a new page in your TOC, select "New Page" from the "Add Topic" toolbar menu. HelpLogic will ask you to name your page and select the location in the TOC where you want it saved. You will also be asked to assign an HTML page to this new topic, so that when users click on the topic, the TOC knows what help page to display. There are also fields for assigning keywords and descriptions to the selected topic, which are very important so that users can search your help pages and find the right results. Keywords are also used by help formats that support indexes by listing linked keywords alphabetically.

Keywords should be separated with commas. For example: "first word, second word, third word". This comma-delimited format allows HelpLogic to support multiple word keyword phrases and Apple Help keyword conventions. Take special care to craft meaningful keywords and keyword phrases since they are not only used in searches but they will also be listed alphabetically in a help index. For example, in Web-based Help, your TOC keywords are displayed as an alphabetical index in the Index tab, and the Search tab's search engine scans your TOC keywords to find related page matches.

New Chapters

To create a new chapter in your TOC, select "New Chapter" from the "Add Topic" toolbar menu. HelpLogic will ask you to name your chapter and select the location in the TOC where you want it saved.

Organizing Your Topics

Your TOC should start with a Page as your first topic (such as your introductory page), and NOT a Chapter.

To rearrange your topics into the sequence you want, move each selected TOC Page or Chapter via drag and drop to another position or into another TOC Chapter.

Your goal is to make your help system intuitive and easy to use. HelpLogic provides a lot of assistance by publishing your help system with a professional interface and innovative help technology, but your job is to find the best way to organize your content for a truly effective TOC that's easy for users to navigate.

Refreshing the List

All changes should be reflected in the TOC column, but if, for some reason, the TOC column does not reflect your most recent changes, simply click on the arrow button at the top right of the column to display an options menu. From that menu, select "Refresh List" to update the TOC column.

File Properties

Select a page topic from the TOC column and its HTML source file path is automatically displayed in the status bar at the bottom of the main project window. The Visual TOC Builder also includes icon buttons for "Source File", "Keyword Tags", and "Description Tag". Single click on a Topic's "Keyword Tags" icon or "Description Tag" icon to view that Topic's keywords or description respectively in the bottom status bar. Single click on a Topic's "Source File" icon to view that Topic's source file path in the bottom status bar.

Modifying TOC Topics

Editing Pages

If you need to edit a selected page topic, either double-click the selected item or click the "Edit Topic" toolbar button and a Topic window will appear with the selected item's properties. The Visual TOC Builder also includes icon buttons for "Source File", "Keyword Tags", and "Description Tag". Double-click on a Topic's "Keyword Tags" icon or "Description Tag" icon to edit that Topic's keywords or description. Control-click (Mac) on a Topic's "Source File" icon to Edit or Preview that HTML file. Double-click a Topic's "Source File" icon to open it in your default editor.

Beyond editing the topic's name and TOC location, you need to assign a valid HTML page to the topic, so that when users click on the topic, the TOC knows what help page to display. There are also fields for assigning keywords and descriptions to the selected topic, which are very important so that users can search your help pages and find the right results. Keywords are also used by help formats that support indexes by listing linked keywords alphabetically.

Keywords should be separated with commas. For example: "first word, second word, third word". This comma-delimited format allows HelpLogic to support multiple word keyword phrases and Apple Help keyword conventions. Take special care to craft meaningful keywords and keyword phrases since they are not only used in searches but they will also be listed alphabetically in a help index. For example, in Web-based Help, your TOC keywords are displayed as an alphabetical index in the Index tab, and the Search tab's search engine scans your TOC keywords to find related page matches.

Editing Chapters

If you need to edit a selected chapter topic, either double-click the selected item or click the "Edit Topic" toolbar button and a Topic window will appear, allowing you to edit the chapter name and TOC location.

Renaming Topics

To rename a topic, click the arrow button at the top right of the TOC column and choose "Rename Item" from the options menu. This contextual menu can also be accessed by using your right mouse button or control-click a single button mouse.

Moving Topics

To rearrange your topics into the sequence you want, move each selected TOC Page or Chapter via drag and drop to another position or into another TOC Chapter. Moving a selected topic into a different parent chapter can also be done by clicking the "Edit Topic" toolbar button and in the Topic window, change the "Located in" pulldown menu to the new chapter location.

If your TOC is ever displayed incorrectly after a drag and drop move, you can fix this by choosing "Refresh List" from either the Topics menu or the TOC contextual menu (top right column arrow).

Deleting Topics

Deleting a selected topic can be done by clicking the arrow button at the top right of the TOC column and choosing "Delete Item" from the options menu. This contextual menu can also be accessed by using your right mouse button or control-click a single button mouse. Deleting a chapter deletes all of the pages nested within it. Please note that deleting a topic permanently erases it from the TOC.

Saving Your Work

To save your current TOC, you can either use the standard keyboard shortcut Command-S (Mac), or select "Save" from the "File" menu.

Refreshing the List

All changes should be reflected in the TOC column, but if, for some reason, the TOC column does not reflect your most recent changes, simply click on the arrow button at the top right of the column to display an options menu. From that menu, select "Refresh List" to update the TOC column.

File Properties

Select a page topic from the TOC column and its HTML source file path is automatically displayed in the status bar at the bottom of the main project window. The Visual TOC Builder also includes icon buttons for "Source File", "Keyword Tags", and "Description Tag". Single click on a Topic's "Keyword Tags" icon or "Description Tag" icon to view that Topic's keywords or description respectively in the bottom status bar. Single click on a Topic's "Source File" icon to view that Topic's source file path in the bottom status bar.

Exporting Your TOC

If you're making major changes to your TOC that you may not want to be permanent, you can periodically save backup versions of your TOC, just in case you decide to go back to a previous version later in the authoring process.

It is very easy to export a backup version of your TOC by using the "Export TOC" feature, accessible by clicking the arrow button at the top right of the TOC column and selecting "Export TOC" from the options menu. From the Save As dialog window that appears, choose a location where you wish to save your backup TOC file. By default, HelpLogic provides a date-based filename for your convenience, such as "HLTOC_2009-10-15.xml", but you may name the file whatever you want. Since the backup file is in XML format, do NOT change or remove the .xml file extension.

To replace your project's TOC with a HelpLogic XML backup TOC file you saved, click the arrow button at the top right of the TOC column and choose "Replace TOC" from the options menu. From the Open dialog window that appears, simply select the XML backup file that you wish to use. After the project's TOC is successfully replaced with your backup TOC, save your project to lock in your new TOC data. For more information on restoring your TOC with a backup file, please see the **Replacing Your TOC** page.

Replacing Your TOC

Why would you want to replace your project's current TOC (Table of Contents)? You may wish to restore your project's TOC with a HelpLogic XML backup TOC file, saved using the "Export TOC" feature.

IMPORTANT: Replacing your current TOC with a completely different TOC than originally used may invalidate your TOC topic links, so this feature is ONLY recommended for those users who need to restore the TOC with a backup file.

Using an XML Backup File

To replace your project's TOC with a HelpLogic XML backup TOC file, click the arrow button at the top right of the TOC column and choose "Replace TOC" from the options menu. From the Open dialog window that appears, simply select the XML backup file that you wish to use. After the project's TOC is successfully replaced with your backup TOC, save your project to lock in your new TOC data. For more information on how to save a backup archive of your project's TOC, please see the **Exporting Your TOC** page.

The Workshop: Your Project Manager

Organize your development notes, code snippets, bug reports, "to do" lists, feature requests, URL bookmarks and more with HelpLogic's built-in Project Workshop.

Tired of searching your hard drive for project-related files, e-mails, and code snippets? Save time and effort by storing all of your project information in the Workshop. Not only does the Workshop allow you to customize your work categories and documents with an assortment of identifier icons and priority status colors, but it also offers a comprehensive mix of data fields, powered by an ultra fast XML engine.

Refreshing the List

All changes should be reflected in the Workshop list, but if, for some reason, the Workshop list does not reflect your most recent changes, simply click on the arrow button at the top right of the Workshop to display an options menu. From that menu, select "Refresh List" to update the Workshop column.

Workshop Categories

By default, the Project Workshop is populated with common development categories such as "Notes", "Bug Reports", "Testing", "Feature Requests", "Code Snippets", etc. You can choose to either use these existing categories or rename them or create your own categories.

Adding New Categories

To add a new category to the Project Workshop, click on the arrow button at the top right of the Workshop column and select "New Category" from the options menu. The New Category window requires you to name your new category and assign it an icon. Use the pulldown menu to choose from an assortment of available icons. All categories are added to the root directory of the Workshop. You cannot nest categories within existing categories.

Editing Categories

To edit a selected category, either double-click the selected item or click on the arrow button at the top right of the Workshop column and select "Edit Item" from the options menu.

Sorting Categories

To change the listed order of categories in the Workshop, drag and drop the categories into the desired sequence. For example, this is helpful if you use the "Code Snippets" category a lot and feel it would be more convenient to have it located at the top of the Workshop list.

Workshop Documents and URLs

Adding New Items

To add a new document or URL bookmark to the Project Workshop, click on the arrow button at the top right of the Workshop and select "New Document" or "New URL" from the options menu.

Within the Document window, you can assign the item to a specific category, give it a priority status, document title, details/notes, and more. For storing bug reports and feature requests, there are even data fields for saving customer information and platform notes. If the Contact E-mail field contains an e-mail address, then clicking the mail icon will open a new message to that address in your default e-mail application. Clicking on the URL icon will load the URL field's web address in your default web browser.

Within the URL bookmark window, you can assign the URL to a specific category, give it a priority status, document title, and notes. If you want to test the URL before saving it, simply click on the URL icon to load the URL field's web address in your default web browser.

Editing Items

To edit a selected document or URL bookmark, click on the arrow button at the top right of the Workshop and select "Edit Item" from the options menu. You can also double-click a document to view or edit it. Double-clicking on a URL bookmark will load that URL in your default web browser. It's easy to identify documents from URL bookmarks by looking at the icon -- documents use a document icon and URL bookmarks use a globe icon.

Saving Internet Searches

If you wish to save your current Internet search query from the **Internet Search** tool (see the **Tools Menu** page), click the "Save Search URL" button in the Internet Search window and the URL query string will be loaded into a new Project Workshop URL bookmark window. Add a name to your new URL bookmark and click "Save" to save your new URL bookmark in the Project Workshop.

About Priority Rankings

With both Documents and URL bookmarks, you can assign a priority status of either "High", "Medium", or "Low". High Priority items are labeled in the Workshop with red icons. Medium Priority items are labeled with orange icons and Low Priority items use white icons. Items are listed in each category by priority with High Priority items being listed first, followed by Medium and then Low.

The Tools Menu

HelpLogic includes a growing number of tools and utilities in the "Tools" toolbar menu. We'll be adding more features to this section in future releases.

Find and Replace

If you need to search and replace a word or phrase throughout your entire project, select "Find and Replace" from the Tools menu in the Main Project window. You can limit Find and Replace to only search your HTML Source Files, or you can enable Find and Replace to also include your Table of Contents (TOC) in your searches. You have options to perform case-sensitive searches and utilize Regular Expressions as well.

After performing a search, a results list will appear at the bottom of the "Find and Replace" window. Double-clicking on any of the listed HTML files or TOC topics will open them.

If you only need to search within a single HTML document, then open that document in the HelpLogic Code Editor and choose one of the "Find" options from the Code Editor's Tools menu. See the **Editor Tools** page for details.

Find and Replace's **Regular Expressions** engine supports a modified version of the PCRE library. For more information on PCRE-compatible expressions, please visit: **http://www.pcre.org/**. Not all possible Regular Expressions have been tested in HelpLogic's Find and Replace, so it is recommended to backup your HTML pages and TOC before performing Regular Expressions in Find and Replace. If you find any Regular Expressions bugs, please report them using our online support form: **http://www.ebutterfly.com/helplogic/support.php**.

Internet Search

Need to research a topic or find a code snippet online? Use the built-in Internet Search to search more than a dozen popular web sites. Just type in your keyword(s), select the site you want to search from the pulldown menu, and then click "Search". Your search results will be displayed in your default web browser. If you wish to save your current Internet search query, click the "Save Search URL" button in the Internet Search window and the URL query string will be loaded into a new **Project Workshop URL bookmark** window. Add a name to your new URL bookmark and click "Save" to save your new URL bookmark in the Project Workshop.

Page Templates

Selecting "Page Templates" from the "Tools" menu displays the Page Templates library where you can add, edit or delete templates. If you find yourself using the same page layout for many of your HTML help pages, then save yourself some time by storing the HTML layout as a Page Template. The next time you add a new HTML file to your source files folder, you can elect to save it with your custom Page Template embedded in it.

Choosing "Edit" will allow you to open the selected page template file in either the HelpLogic Editor or any other external code editor you have listed in HelpLogic.

HelpLogic's Page Templates currently work differently than what Dreamweaver users may expect. Once you add them to a new HTML source file, that's where the connection ends. If you later edit that page template, any HTML source files that use that page template will NOT be updated. We plan to evolve the Page Templates feature in a future HelpLogic release to offer additional functionality.

Previewing Help Pages

If you want to preview an HTML page in a help viewer or web browser, simply select an HTML file from the Source Files list or the Visual TOC Builder and then choose a viewer from the "Preview" toolbar menu. By default, the "Preview" menu includes UniHelp and Apple Help Viewer (Mac), but you can easily add additional viewers and web browsers (such as Safari, Internet Explorer, Firefox and others) to that list by selecting "Modify Viewer List" from the "Preview" menu. Please note that only normal applications are supported. Trying to add a viewer that is a command line console application will produce a shell error.

Preview from the Code Editor

If you want to test the HTML code of the current page you have open in HelpLogic's Code Editor, you can preview it by choosing a viewer/browser from the Editor's "Preview" menu.

Web-based Help Publisher

Our cross-platform help system for web browsers. Built with 100% pure client-side JavaScript, CSS, and HTML, providing an ideal browser-based help solution for web sites, complete with TOC, alphabetical keyword index, and JavaScript-powered search engine.

The Web-based Help Publisher window allows you to customize the appearance of your help system interface by choosing background colors, icon colors, font face, font size, and more! HelpLogic includes a variety of icon colors to match whatever background colors you decide to use for your toolbar, tabs, and left frame. The handy diagram in the top right corner of the window gives you a display preview of your chosen colors and options.

If you choose to assign either an **Image Logo** or **Text Title Logo**, then that logo will appear in the top toolbar on the far right. The Margin setting affects the amount of spacing around the Logo or Text Title. If you need additional space for tall logos, you can also adjust the height of the top toolbar (the default is 30 pixels tall).

What gets published along with your help pages and Table of Contents is a professionally designed help system interface, providing a comprehensive, intuitive, user-friendly help experience. The toolbar includes optional navigational buttons (Back, Forward, Home, Print) and three selectable tabs: Contents, Index, and Search.

Those three tabs can be localized to the language of your choice. For your convenience, HelpLogic provides presets for several languages.

Your TOC chapters and pages are displayed in the **Contents Tab**. When Web-based Help is first displayed, the Contents tab is always the default selected tab, providing the Table of Contents to users as the initial entry point into your help system.

Your TOC keywords are displayed as an alphabetical index in the **Index Tab**. With each index listing linked to its assigned TOC topic, the Index allows users to quickly find and access information by browsing keywords and phrases.

The **Search Tab** hosts a built-in search engine that's powered by client-side JavaScript, so NO additional scripting or CGI is required. The search engine scans your TOC keywords to find related page matches.

If desired, you can opt to remove the navigation toolbar by selecting the "Remove Toolbar" checkbox, but please note that without the toolbar, users will NOT have access to the Index or Search features. Without the toolbar, only the Table of

Contents will be available in the left frame for navigating through your help pages. If the entire toolbar is removed, but you've opted to use an Image or Text Logo, then that logo will appear in the Contents frame on the left. If you only want to remove the navigation buttons and keep the three tabs, then only select the "Remove Toolbar Buttons" checkbox.

By default, the main start page for your published help system is named "index.html". If your web site already has an "index.html" file in the same directory where you want to place your help files, you can now select the new **Use Alt. Main Filename** checkbox to publish "indexhelp.html" as the main page filename of your help system.

If you need to design your help system to be compatible with older web browser versions that may not support CSS (Cascading Style Sheets), you have the option to set the **TOC Compatibility** to the older HTML 3.2 format. For the best visual results, the CSS/HTML option is highly recommended (especially since all modern web browsers support CSS). Please note that when publishing, the TOC Compatibility setting only affects the formatting of the TOC (Table of Contents) and not your own help pages from the Source Files folder.

If your HTML source files use the ISO-8859-1 charset text encoding, then use that same one for your **TOC Char Set**. If your HTML help pages use UTF-8, then assign the TOC Char Set to UTF-8 for consistency. The TOC charset is used in the Contents, Index, Search, and toolbar frames that HelpLogic dynamically generates during the publishing process. For example, if the Contents, Index, and Search tabs are localized to Japanese, then you would probably want to set the TOC Char Set to UTF-8 to ensure that those Japanese characters display properly in a web browser.

Web-based Help even supports **context-sensitive help**! After you have published your help system, you will find a "Context-Sensitive Help.txt" document in your help folder that lists all of the special index files for linking directly to specific help pages.

Important Note: When selecting a publish location, do NOT choose a directory within your source files folder. Publishing from your source files folder into your source files folder will cause an endless loop, filling your hard drive with endless folders. As of HelpLogic 1.0a2, the Publish feature does not allow you to select the source files folder as your publish location.

When HelpLogic is run in Trial demo mode, Web-based Help Table of Contents are limited to 3 topics per chapter. This publishing limitation is removed when you purchase a license and register the application with your serial number.

Apple Help Publisher

The standard Mac OS help format for Apple Help Viewer.

The Apple Help Publisher window allows you to customize the appearance of your help book interface by choosing background colors, icon colors, font face and font size, frame borders, and more! HelpLogic includes a variety of icon colors to match whatever background colors you decide to use for your TOC frames. The handy diagram in the top right corner of the window gives you a display preview of your chosen colors and options.

If you choose to assign either an **Image Logo** or **Text Title Logo**, then that logo will appear at the top of your Table of Contents frame.

You can also choose your own custom **Apple Help Icon** to be assigned as your help book icon. When listed in Apple Help Viewer's Mac Help Center, this icon will be displayed next to your help book name (if you properly registered your help book). Choosing a custom help icon is strictly optional. For help books that do not include a custom icon, the Mac Help Center simply displays a default Apple Help Icon next to their names. If you do use a custom icon, make sure it is exactly 16 pixels wide and 16 pixels tall (72 dpi) and saved in GIF format.

What gets published along with your help pages and Table of Contents is full support for Apple Help META tags, Apple Help Icon, etc. Based on the keywords and descriptions that you added to your TOC page topics, the published Apple Help page framesets will include the appropriate keyword and description META tags for compatibility with the Apple Help Indexing Tool and Apple Help Viewer's search engine.

IMPORTANT: The first topic in your TOC needs to be a Page so that the proper Apple Meta Tags get included (such as AppleTitle and AppleIcon). If your first TOC topic is a Chapter, then your published help will not get properly indexed or searched by Mac OS X.

Starting with Mac OS X 10.3 Panther, Apple Help Viewer now supports CSS, but the Apple Help Viewer in older versions of OS X and OS 9 only supports HTML 3.2. If you need to design your help system to be compatible with the Apple Help Viewer in Mac OS X 10.2 Jaguar and earlier, you have the option to set the **TOC Compatibility** to the older HTML 3.2 format. If you are only designing for Mac OS X 10.3 Panther and higher, then the CSS/HTML option is highly recommended for best visual results. Please note that when publishing, the TOC Compatibility setting only affects the formatting of the TOC (Table of Contents) and not your own help pages from the Source Files folder.

If your HTML source files use the MacRoman text encoding, then use that same one for your **TOC Char Set** for consistency. The TOC charset is used in the Contents frame that HelpLogic dynamically generates during the publishing process. Be very careful when setting a TOC Char Set, as well as when setting a charset tag in your HTML source files. Apple's official Apple Help documentation warns that in versions of Mac OS prior to 10.1, Help Viewer does not respect the charset tag when rendering HTML. Furthermore, prior to Mac OS X 10.1, Apple Help Viewer supports only a limited number of character encodings, such as the MacRoman, MacJapanese, MacKorean, MacChineseTrad, and MacChineseSimp. Although Apple Help Viewer in Mac OS X 10.1 and later renders Unicode content properly, it currently does not index or search Unicode content. It has been recommended on the Apple Help mailing list that for Chinese, use UTF-8 for best results. Otherwise, for Latin-based languages like English, use a non-Unicode charset like ISO-8859-1.

HelpLogic even supports **context-sensitive help** for Apple Help! After you have published your help system, you will find a "Context-Sensitive Help.txt" document in your help folder that lists all of the special index files for linking directly to specific help pages. See the Apple Help Documentation for details on how to call these help links from within your software application. **IMPORTANT NOTE:** The "Context-Sensitive Help.txt" document is for your reference only. This text file should be removed from your help book folder BEFORE indexing your help book with the Apple Help Indexing Tool (or Tiger's Help Indexer) or else the indexing utility will mistakenly include that text file in your help book index.

Making Your Help Book Searchable

In order to make your Apple Help Book searchable from within Apple Help Viewer, you must drop your help book folder on the old **Apple Help Indexing Tool** utility or the new **Help Indexer** to generate the appropriate .idx or .helpindex files. If you do not have the Apple Help Indexing Tool or the latest Help Indexer, it is included with Apple's free Developer Tools (available with the Mac OS X installation disks or as a download from Apple's Developer Connection web site).

Help Indexer can create either .idx or .helpindex files. It is important to note that the new .helpindex format was introduced in Mac OS X 10.4 Tiger and only works in Tiger and Leopard. So for optimal compatibility ranging from Mac OS X 10.2 Jaguar to 0.5 Leopard, you should generate both .idx and .helpindex files (which the Help Indexer allows you to do).

NOTE FOR FRONTPAGE USERS: Microsoft FrontPage adds a lot of extra meta tags and data to the HTML code that it generates for HTML pages. The Help Indexer and Apple Help Indexing Tool utilities are known to have problems with these FrontPage meta tags. So if you use FrontPage as an external editor with HelpLogic, be sure to remove those problematic FrontPage meta tags from your help pages before using either the Help Indexer or the Apple Help Indexing Tool.

After creating the appropriate .idx or .helpindex files with the Apple Help Indexing Tool or Help Indexer, in order for your Apple Help Book to be searchable from within Apple Help Viewer and to be listed in the **Mac Help Center Library** menu, you must also properly register your Apple Help Book with the OS within your application code and related .plist files. Please see the Apple Help Documentation for details.

Apple Help Resources

For information on how to register your help book with the Mac Help Center from within your software application, plus additional details on how to use special Apple Help hyperlinks (which are supported by Code Plugins in HelpLogic's Code Editor), please read the Apple Help Documentation. Below are some URLs for accessing the Apple Help Documentation online.

Apple Help Reference (HTML Online)
http://developer.apple.com/documentation/Carbon/Reference/Apple_Help/index.html

Apple Help Reference (PDF Download)
http://developer.apple.com/documentation/Carbon/Reference/Apple_Help/apple_help.pdf

Apple Help Refererence for Leopard (Requires an ADC Account)
https://developer.apple.com/leopard/devcenter/docs/documentation/UserExperience/HelpTechnologies-date.html

Important Note: When selecting a publish location, do NOT choose a directory within your source files folder. Publishing from your source files folder into your source files folder will cause an endless loop, filling your hard drive with endless folders. As of HelpLogic 1.0a2, the Publish feature does not allow you to select the source files folder as your publish location.

When HelpLogic is run in Trial demo mode, Apple Help Table of Contents are limited to 3 topics per chapter. This publishing limitation is removed when you purchase a license and register the application with your serial number.

Microsoft HTML Help Publisher

The standard HTML help format for Microsoft Windows®, utilizing the MS HTML Help Viewer.

The Microsoft® HTML Help Publisher window allows you to customize the appearance of your help interface elements by choosing a CHM topic icon, font face, font size, default topic, and more! Please note that the Language setting refers to Microsoft elements and does NOT translate your HTML help pages.

What gets published along with your help pages and Table of Contents are all of the required configuration files for compiling your help pages into a single CHM file. You can use either the uncompiled help pages or a compiled CHM file with the MS HTML Help Viewer.

Using the Uncompiled HTML Help

Like the Web-based Help format, the uncompiled HTML Help features three tabs: Contents, Index, and Search. Your Table of Contents (TOC) is displayed in the Contents tab. Your TOC keywords are displayed as an alphabetical index in the Index tab. And the Search tab hosts a client-side JavaScript search engine that's powered by your TOC keywords. The major difference is that the interface is designed to emulate the look and feel of a compiled CHM file with gray tabs, purple book icon, and yellowish document icon. If you do not have access to Microsoft's free HTML Help Workshop (to compile the CHM file), then you can easily use the uncompiled version of your HTML Help in the MS HTML Help Viewer.

Those three tabs (Contents, Index, Search) can be localized to the language of your choice. For your convenience, HelpLogic provides presets for several languages.

If you need to design your help system to be compatible with older operating systems such as Windows 98 that may not support CSS (Cascading Style Sheets), you have the option to set the **TOC Compatibility** to the older HTML 3.2 format. If you are only designing for more recent versions of Windows (such as Windows 2000 and XP), then the CSS/HTML option is highly recommended for best visual results. Please note that when publishing, the TOC Compatibility setting only affects the formatting of the TOC (Table of Contents) and not your own help pages from the Source Files folder.

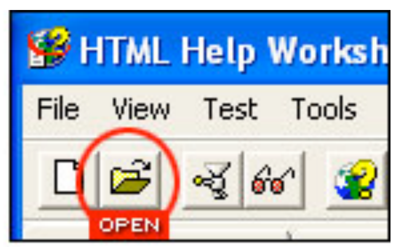
If your HTML source files use the ISO-8859-1 charset text encoding, then use that same one for your **TOC Char Set**. If your HTML help pages use UTF-8, then assign the TOC Char Set to UTF-8 for consistency. The TOC charset is used in the Contents, Index, Search, and tab frames that HelpLogic dynamically generates during the publishing process. For example, if the Contents, Index, and Search tabs are localized to Japanese, then you would probably want to set the TOC Char Set to UTF-8 to ensure that those Japanese characters display properly in a web browser.

The uncompiled version even supports **context-sensitive help**! After you have published your help system, you will find a "Context-Sensitive Help.txt" document in your help folder that lists all of the special index files for linking directly to specific help pages from within your software application. The link protocols for context-sensitive help within a compiled CHM file are different, so please see the Microsoft® HTML Help Documentation for details on how to call these help links from within your software application.

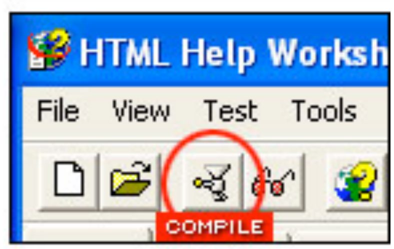
Compiling Your Help Pages into a CHM File

If you prefer not to use the uncompiled version of HTML Help and wish to distribute a single CHM help file with your software, your published help folder includes all of the required configuration files needed to compile a CHM file. To make a CHM file, you'll need Microsoft's **HTML Help Workshop** utility, which is available online as a FREE download (visit the SDK Downloads URL below).

If you look in your published help folder, you'll see three documents with unique file extensions: **hlproject.hhp**, **hltoc.hhc**, and **hlindex.hhk**. These are the configuration files that tell HTML Help Workshop where to find your help pages and how to build the custom TOC, Index and Search for your CHM file. Do NOT move these files -- leave them in the same root directory as your HTML pages (inside your published help folder).



Once you have the free HTML Help Workshop utility installed and running, you'll see an "open folder" icon button in it's toolbar. Click it and choose the **hlproject.hhp** file to open your help project in HTML Help Workshop.



Once the **hlproject.hhp** file is open in HTML Help Workshop, simply click the "grinder" icon button (to the right of the open button) to compile your HTML Help into a single CHM file. It's that easy! No manual editing is required since HelpLogic already configured all of the compile settings! Your compiled CHM file will be saved in your published help folder with the filename you specified in HelpLogic's "Name for CHM File" field.

Important Note: Within a CHM file, the search engine lists page matches using their HTML title tag, so be sure to use a descriptive phrase for the HTML title tag of each help page BEFORE publishing.

Microsoft® HTML Help Resources

For information on how to integrate MS HTML Help into your software application, plus additional details on how to use special CHM-to-CHM hyperlinks (which are supported by Code Plugins in HelpLogic's Code Editor), please read the MS HTML Help Documentation. Below are some URLs for accessing the MS HTML Help Documentation online, and downloading HTML Help Workshop and CHM versions of the documentation.

Microsoft® HTML Help Documentation
http://msdn.microsoft.com/library/en-us/htmlhelp/html/vsconhh1start.asp

Microsoft® HTML Help SDK Downloads
http://msdn.microsoft.com/library/en-us/htmlhelp/html/hwmicrosofthtmlhelpdownloads.asp

Important Note: When selecting a publish location, do NOT choose a directory within your source files folder. Publishing from your source files folder into your source files folder will cause an endless loop, filling your hard drive with endless folders. As of HelpLogic 1.0a2, the Publish feature does not allow you to select the source files folder as your publish location.

When HelpLogic is run in Trial demo mode, MS HTML Help Table of Contents are limited to 3 topics per chapter. This publishing limitation is removed when you purchase a license and register the application with your serial number.

PDF Publisher

Publish your help pages as a single PDF file, complete with a custom title page, table of contents, PDF bookmarks, page numbering and formatting. You have the option to use your own custom HTML title page or have HelpLogic generate a generic title page.

HelpLogic's PDF Publisher is perfect for producing electronic user guides and e-books. If you need to create **printed** paper-based documentation, then publish your help pages as a PDF file and then print the PDF to paper.

When HelpLogic is run in Trial demo mode, the published PDF's Table of Contents is limited to 3 topics per chapter. This publishing limitation is removed when you purchase a license and register the application with your serial number.

HTML Authoring Tips for PDF Publishing

- **Styles:** If you want to use different styles and colors for the way text and hyperlinks display in PDF, but still retain your original styles for publishing in other help formats such as Web-based Help, then the easy solution is to link to external CSS files. In the stylesheet link meta tags, assign the media attribute to "screen" for web styles and "print" for print styles. For example, within your head tag, include:
  <link media="screen" type="text/css" rel="stylesheet" href="style_web.css">
  <link media="print" type="text/css" rel="stylesheet" href="style_print.css">
  In your external CSS files, you can include your web-related styles in the "style_web.css" file (such as blue, underlined hyperlinks) and your PDF-related styles in your "style_print.css" file (such as black hyperlinks).

- **Forced Page Breaks:** If you want to force a page break in the middle of a topic, then add the following CSS style where you want the page break to occur. This print-related CSS code should not affect the HTML display in a web browser. This example shows the CSS style in a paragraph tag, but you could also create your own CSS class that calls this style:
  <p style="page-break-before: always"></p>

- **Image Placement:** If an image in one of your HTML help files gets cut-off at the bottom of a PDF page (with the remainder of the image displayed at the top of the next PDF page), the easy way to fix this is to move the placement of the aligned image in your HTML source code to avoid that page break. For example, if only a little bit of the image bottom gets cut-off by the page break, then simply move the image up a few lines in your HTML code, moving it away from where that page break will occur when published to PDF.

- **HTML Table & Image Widths:** If your text and images run off the right edge of the PDF page, then the cause is usually due to HTML tables and/or images with set widths that are greater than the printable width of the PDF page. HTML resolution is 72 pixels per inch, so if you are printing to a PDF page size of 8.5 inches wide, but have assigned a page margin of 0.5 inch on the left and right margin, then that means your printable width is 7.5 inches. 7.5 X 72 pixels = 540 pixels. So in order to ensure that your images and text do not run off the edge of your PDF page, you need to make sure that none of your HTML tables or images have widths set at anything wider than 540 pixels. If an HTML table width needs to span the entire width of the PDF page, then it's safer to use width="100%" instead of a set pixel number.

- **PDF Publisher (Mac OS X):** If you find that changes made to your external CSS stylesheets are not being published to PDF, that is not a bug in HelpLogic, but a bug in Apple's WebKit framework. HelpLogic's PDF Publisher utilizes Mac OS X's built-in WebKit framework to render/parse your HTML pages. For some reason, WebKit will sometimes use an older cached version of your external CSS file instead of using the most recently updated version. The same problem occurs in Safari browser sessions. Often the only way to get WebKit to recognize/load the latest version of your external CSS file is to quit HelpLogic in order to "reset" WebKit. Safari browser users often have to quit Safari to "reset" WebKit when encountering the same kind of caching issues. Apple is aware of the issue and when they fix it in WebKit, it will automatically be fixed in Safari, HelpLogic, and any other Mac application that utilizes the WebKit framework.

UniHelp Publisher

Our award-winning, cross-platform help system for REALbasic developers.

The UniHelp Publisher window allows you to customize the appearance of the UniHelp module interface by choosing the icon colors, font face, window size/position, and more! When publishing your help pages, TOC, and Index for **UniHelp**, HelpLogic generates customized REALbasic code for the UniHelpEngine constructor and saves it in your new help folder in a document called "Code_for_UniHelp.txt".

Publishing a UniHelp Virtual Volume

To publish your UniHelp pages as a Virtual Volume, select the .vv checkbox next to the "Help Folder Name" field. Once checked, you will notice that the field's name changed to "Help Virtual Volume Name". The published help will be saved as a single Virtual Volume file with a .vv extension. Located in the same directory as your published Virtual Volume will be a "Code_for_UniHelp.txt" document that includes your customized code for your REALbasic project. Pay special attention to the fact that this generated REALbasic code is different for Virtual Volumes than standard help folders.

Virtual Volumes CANNOT be opened from read-only locations such as Mac OS X disk Images, CD-ROMs, DVDs, or locked drives/disks. If you need your application to access help pages from a read-only location, then you should publish your UniHelp pages in a standard help folder.

Developing for Older Versions of UniHelp

With UniHelp 4 now available, older UniHelp versions are no longer supported, so preview and publishing options for those obsolete versions have been removed from HelpLogic. Since UniHelp 3 and higher supports standard HTML/CSS, the special UniHelp Page Editor is no longer needed and has been removed from HelpLogic. The built-in HelpLogic Code Editor (or any external editor) can be used for creating HTML pages for UniHelp 3 and higher.

Publishing Your Old UniHelp 1.x Pages in Other Help Formats

When importing your UniHelp 1.x Pages into a new project (using the "Import Set" feature), the project's Table of Contents is automatically generated based on your UniHelp 1.x file naming and numbering scheme. You will still need to add your own custom keywords to the TOC topics, but the generated TOC will have saved you a lot of time when publishing your help pages in other help formats that use the TOC

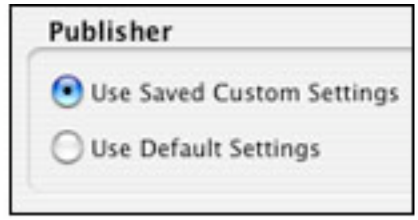
(such as UniHelp 3, Web-based Help, etc.)

Important Note: When selecting a publish location, do NOT choose a directory within your source files folder. Publishing from your source files folder into your source files folder will cause an endless loop, filling your hard drive with endless folders. As of HelpLogic 1.0a2, the Publish feature does not allow you to select the source files folder as your publish location.

For detailed instructions on how to use UniHelp, please see the UniHelp documentation (included in the UniHelp download).

If you're a REALbasic developer who is unfamiliar with our popular UniHelp component, you can find more information and download the trial version at:
http://www.ebutterfly.com/rb/unihelp.php

Saving Your Publisher Settings



If you are constantly publishing new versions of your help systems, then you'll want to take advantage of HelpLogic's ability to save your custom publisher settings. This enables the Publisher window to be pre-configured with your settings the next time you need to publish the same project. Your publisher settings are saved into your project database so EACH project can store its own unique publisher settings for EACH format (Web-based Help, Apple Help, MS HTML Help, etc.). To activate this time-saving feature is a simple 2-step process.

First, select **Preferences** from the HelpLogic application menu (Mac). In the Preferences window, there is a box called "Publisher" where you can select **"Use Saved Custom Settings"**. Once that option is selected, click the Apply button to save your new Preferences. This tells HelpLogic to populate the Publisher window with the custom settings saved in your project database the next time you use the Publisher. Default settings are used until custom settings have been saved.

That first step tells HelpLogic to use the saved publisher settings from your project database, but now the second step is to tell HelpLogic which settings to save. The next time you use the Publisher, you'll notice a checkbox in the top right corner called **"Save Current Settings"**. If you wish to save the settings for that Publisher session, make sure that checkbox is selected BEFORE clicking the Publish button. That tells HelpLogic to overwrite the existing saved settings with these new settings after publishing your help pages. If you do NOT wish to save the settings from the current Publisher session, leave that box unchecked, which in turn preserves your existing saved settings.

The advantage of using this 2-step process is the configuration flexibility it provides. If you need to revert back to using the default publisher settings WITHOUT erasing your saved settings, simply change the Preferences option back to "Use Default Settings" and leave the Publisher window's "Save Current Settings" unchecked. If you want to experiment publishing with modified versions of your saved settings WITHOUT overwriting your saved settings, simply select "Use Saved Custom Settings" in the Preferences window and leave the Publisher window's "Save Current Settings" unchecked.

About the Trial Version

This trial download is fully-functional and never expires. Until registered with a purchased serial number, sessions are limited to 15-minutes, and Apple Help, Web-based Help, Microsoft HTML Help, and PDF Table of Contents are limited to 3 topics per chapter when published. These limitations are removed when you **purchase a license** and register the application with your serial number.

System Requirements:

- Mac OS X 10.4 or higher (Leopard-compatible).
- 40 MB available RAM.
- 55 MB free hard drive space.

To be notified about updates, subscribe to our free **RSS News Feed** or our free **Email News Alerts** at our web site: **http://www.ebutterfly.com**

How to Purchase

If after trying HelpLogic, you realize that it's a software application that you wish to keep, then please purchase a license online. A single user license includes unlimited e-mail customer support.

Purchase HelpLogic for only US $99
Order online today at **http://www.ebutterfly.com/helplogic/**

To register/unlock the full version of HelpLogic:

1. Choose "Register HelpLogic" from the HelpLogic Help Menu. When the Register window appears, click the "Purchase" button, which will open your default web browser to the SECURE order form on our web site (Internet connection required).
2. Submit the online order form. Once your purchase is completed, an order confirmation will be e-mailed to you. The order confirmation e-mail includes your unique serial number which you can then copy and paste into the Serial Number field in HelpLogic's Register window. In the Name field, be sure to use the exact customer name that is listed in your order confirmation.
3. Once your name and serial number are added to HelpLogic's Register window, click the "Register" button to finish the registration, unlocking the full version of HelpLogic for you to enjoy!

IMPORTANT: Please save your order confirmation information in a safe place, since you will be required to provide your serial number when requesting e-mail customer support and/or installing software upgrades.

Customer Support

If you run into any problems while using HelpLogic, please refer to this User Guide first to see if it lists quick answers to your questions. If the User Guide does not solve your problem, or you wish to submit comments or feature requests, you are encouraged to contact Customer Support at:

http://www.ebutterfly.com/helplogic/support.php

Troubleshooting

- **Invisible Project Window:** After choosing a project to open in HelpLogic, if the project loads, but the main project window never appears onscreen, then try the following: quit the application, delete HelpLogic's Preferences files, and then re-launch HelpLogic to see if that resolves the issue. On Mac OS X, delete the HelpLogic folder and com.electricbutterfly.helplogic.plist in the "User/Library/Preferences/" directory.

Known Issues

- **Mac OS X 10.5 Leopard:** Small memory leak on Mac OS X 10.5 Leopard when opening and closing some windows (such as the Publisher windows).

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