
What's New in DocMounter

v2.0.0 | 2010-Oct-28

1. [Added] This major update of the tool uses the Sandcastle help compiler instead of the outdated and unsupported NDoc used before. This allows us to build our HxS documentation in the latest available Visual Studio style for this format (2005/2008) and use many new benefits provided by this compiler including the .NET generics support.
2. [Added] This release of DocMounter solves many issues which are not possible in the standard MS XML documentation. First, you can make links from member topics to conceptual topics and vice versa. Second, you can use images both in conceptual topics and member topics.
3. [Added] The interface of the main window was rewritten. The main toolbar was simplified and new and some old commands were sorted in the updated menu system. The menu and toolbar were reimplemented using the more powerful .NET MenuStrip and ToolStrip controls.
4. [Added] The "Insert Tag" dialog was rewritten. The most significant changes are:
 - Now all tags are separated by categories for more convenience.
 - Tag names were changed for better understanding.
 - Editors for new tags (such as "Section" and "Bold Text") were added.
 - The editor of the "Image" tag was rewritten. Now it allows to select images from the sorted list which is populated using the files from the Media folder of the project.
 - Many tag editors were redesigned for better visual perception (controls were rearranged, explanatory labels were added, etc).
5. [Added] DocMounter has a new "Options" dialog available through the Tools\Options menu item. This dialog allows you to specify general parameters of the tool (such as path to the hxreg.exe tool) used for every projects.
6. [Added] A new DocMounter option "Auto Save Project Before Build" was implemented. It is set by default which guarantees that your changes won't be lost even if something goes wrong or even DocMounter crashes during the build process.
7. [Added] A new DocMounter option called "Delete Intermediate Files After Build" was implemented. If it is set, DocMounter deletes all interim temporary files used to build the final result file (help solution, manual, etc). Sometimes it is useful to analyze the contents of the files used to compile an HxS help solution or another result, and if you clear this option which is set by default, you can do that.
8. [Added] All tree view controls used to select a member from the documented assemblies display only the types from the project assemblies by default and have an option to display all other types from referenced assemblies. This option is enabled through the check box named "Show Types From Referenced Assemblies" next to the tree view controls. This default mode is very useful because in the vast majority of cases we need to select members only from the documented assemblies, and all types from other referenced assemblies (such as mscorlib.dll) just prevent us from finding the documented members quickly.

This enhancement concerns the "Select Member" tag editor and two "Select Member" dialogs opened when you add new "See Also" or "Exceptions" items.

9. [Added] When you create a new project, the "Open Assemblies" dialog is opened in which you can select several assemblies to document. In the previous versions you could select just one assembly at this step, and you needed to open the project properties, add the rest required assemblies there and reload the project after that.
10. [Added] DocMounter has a new dialog "Conceptual Topic Properties" opened by the corresponding command from the Node menu or the context menu of the project tree. This dialog allows you to view and change the Id and Title of the selected conceptual topic.
11. [Improved] The project properties dialog was redesigned. Now the similar project properties are grouped into the tabs, and explanatory comments were placed next to some fields.
12. [Improved] The "Extra Members" pane was renamed to "Find Results", and now it uses the same look-and-feel like the Output pane (the same panel caption control, the same approach you can use to open/hide it through the View menu).
13. [Fixed] The language filter at the top of the built topics isn't set to "All languages" each time when you jump from one topic to another (due to the use of the latest available build of Sandcastle).

v2.0.14 | 2010-Nov-19

1. [Improved] Before you build or view an HxS file, DocMounter checks whether the required external tools (such as HxReg.exe and MS Help compiler) can be found and displays the corresponding error message if it cannot find them.
2. [Improved] If DocMounter cannot load a project because one of the documented DLLs cannot be found, it displays a message box with the corresponding information and asks you to continue to load the project without this DLL.

Thus now you can load a project even if some documented DLLs cannot be found. The types contained in the absent DLLs will be displayed as obsolete in the project tree (sure they can become normal items automatically when you load the project next time when the absent DLLs are found again).

In the previous builds of DocMounter the loading of the whole project in this situation was simply cancelled.

3. [Fixed] DocMounter might crash when it automatically loaded the last project at startup and something was wrong with the project.
4. [Fixed] The whole application might crash when unexpected exception occurred while initializing the app. An additional error handler was added to prevent this (also displays the exception info).

v2.1.30 | 2013-Jan-30

1. [Added] The ability to reorder See Also items was implemented.
2. [Improved] More hints on what can be done in the interface are added next to some controls (available keyboard combinations, etc). Some interface strings were changed for better understanding.
3. [Improved] A repeat click on an item in the Find Results list selects the corresponding node in the main tree. This is useful if you clicked a found item to select the corresponding documented node, then changed the current node to another one, and now want to re-select the previous node by clicking the same selected item in the Find Result list.

4. [Improved] In this version, if a tree button in the project tree is clicked, the node next to it isn't selected automatically. This is useful if you need to expand some nodes to see their subnodes without changing the current node.
5. [Improved] The style of section titles in manuals uses greater vertical margins for a better visual separation.
6. [Improved] New words were added to the built-in spell checker dictionary.
7. [Improved] The visual editor for the `<code>` tag has a new hint. It tells that all special character entities like "<" and ">" will be replaced with the corresponding equivalents automatically when inserting into topic contents in the main window.
8. [Removed] The rarely used `<relatedTopics>` tag is no longer used as the SandCastle compiler has some problems when building topics with it.
9. [Fixed] If a method had 10 or more parameters, the project nodes which represent its parameters were not sorted properly (general string sorting like "1, 11, 12, 2, 3" was used).
10. [Fixed] If we clicked the current node which represents a conceptual topic with the right mouse button, selected the Properties command from the context menu and edited the properties, the unsaved changed to the node details (summary, etc) got lost.
11. [Fixed] An 'Access is denied' error was raised when viewing documentation in MS Help Viewer 2.0 supplied with VS 2012.
12. [Fixed] The XML documentation files were created in the UTF-16 encoding which aren't supported in the recent versions of Visual Studio (tested in VS 2010 and 2012). Now the supported UTF-8 encoding is used.
13. [Fixed] The XML documentation files didn't contain the `<?xml version="1.0" encoding="utf-8"?>` prolog.
14. [Fixed] Code blocks were displayed with the first line shifted to the left.
15. [Fixed] The 'Copy Code' hyperlink in a result HxS copied the code without line breaks.
16. [Fixed] The produced HTML pages might miss needed paragraph tags.
17. [Fixed] Extra unneeded empty paragraphs were added to the result topic contents.
18. [Fixed] Section titles were placed as normal paragraphs without applying a special style in manuals.
19. [Fixed] CTRL+ENTER is used to add new lines in a project's spell checker list, but the corresponding label hint displayed ALT+ENTER.
20. [Fixed] The HxComp.exe (HxS file compiler) no longer generates the error 7096 (Name/Value of `<MSHelp:Attr>` tag contains double quote) while producing the HxS help solution.

v2.2.0 | 2013-Jan-31

1. [Changed] This version of DocMounter no longer uses the algorithm that automatically inserts the `<para>` tags into source topic texts as it may cause unpredictable formatting problems in the produced help solutions viewed in different versions of MS Help Viewer. The `<para>` tags should be inserted manually in the corresponding places while working on the project.
2. [Added] To help to enter the `<para>` tags for new topics and existing ones, the new "Wrap with `<para>`" interface command was implemented (can be found on the main toolbar and in the Edit menu).

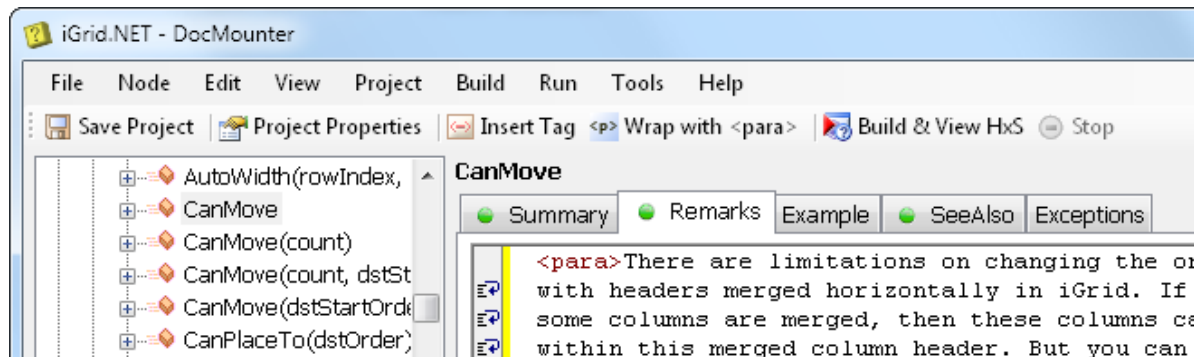
If this command is issued when no text is selected in the active text editor, the “<para></para>” string is inserted, and the caret is placed between the “>” and “<” characters inside so you can enter the paragraph text right away.

If you select some text before issuing this command, all paragraphs in the selected text (strings separated by the CR/LF characters) will be wrapped with the <para> and </para> tags.

3. [Changed] The ampersand character in the source texts should be coded with the corresponding XML entity code “&”. The code tag editor does this replacement automatically.

v2.2.6 | 2013-Feb-14

1. [Added] The visual tag editor for inserting member reference tag was enhanced. Now it allows you to specify a custom label for the inserted member and to generate a link to the special page of overloaded versions of the member (if any) created automatically by the SandCastle compiler.
2. [Added] The tabs which display topic parts (Summary, Remarks, Example, ...) has a new green bullet indicator to indicate that the corresponding part isn't empty:



3. [Added] A DocMounter project has a new Boolean option to turn on/off writing summaries for topics with subnodes into manual. It is set on the new Manual tab in the project properties dialog.
4. [Improved] The produced HxS file no longer contains almost unused JavaScript member declarations.
5. [Improved] The processing of the <code> tag was enhanced to remove possible appearance of unneeded empty lines at the beginning and the end of the tag contents in the result files (HxS and manual).
6. [Fixed] The parameters of a method that returns a value were sorted improperly in the project tree.

v2.2.7 | 2015-Apr-01

1. [Added] The DocMounter Options dialog has two new ellipsis buttons that allow you to enter the directory with the hxreg.exe and dexplore.exe tools easier using the Open File dialog.
2. [Improved] The style of all dialog windows was unified: they have the same icon and no longer visible in the Windows taskbar.

v2.2.8 | 2019-Nov-01

1. [Added] The editor for the Code tag in the Insert Tag dialog now contains a combo box to select the language of the inserted code snippet. The selected language is inserted in the language attribute of the code tag. The last selected language is remembered in the Insert Tag dialog.

2. [Changed] The Syntax section of member help topics does not contain the declaration for C++ in the default configuration of DocMounter.
3. [Fixed] Links to overloaded versions of methods were missing in the HTML manual built with DocMounter.
4. [Fixed] Minor problems with controls layout in the Insert Tag dialog were fixed.

v2.2.9 | 2019-Nov-06

1. [Added] Links to topics are inserted as hyperlinks in HTML manuals.

v2.3.0 | 2020-Nov-30

1. [Added] The DocMounter project format no longer supports option "Write Summaries for Topics with Subnodes" in the Manual section (the <ManualAllSummaries> node in the .dmproj file). There are two new text properties instead:
 - "Name of Document with Summaries for All Topics" (the <ManualDocNameSummariesAllTopics> node in the .dmproj file)
 - Name of Document with Summaries for Leaf Topics Only (the <ManualDocNameSummariesLeafTopicsOnly> node in the .dmproj file)

You can write file names to build with the corresponding setting in these properties. If an option is empty, the corresponding file is not built.

The specified name is also written into the <title> tag inside the HTML manual to help identify this document when it is opened in the browser.

2. [Added] The 'Shift Headings 1 Level Up' option in the 'Manual' section of the DocMounter project properties was implemented. When this option is ticked, <H{N}> headings in the HTML manual are replaced with <H{N-1}>, <H1> is replaced with <p class="root_node">. This option is useful if the conceptual part of the documentation has only one root node and you do not want to waste the only heading of the first level for it.
3. [Improved] HTML manuals are better formatted according to common HTML coding standards:
 - section titles are coded with the <p class="section_title"> tags;
 - code blocks are enclosed into pairs of the <pre> and <code> tags;
 - members are marked with the tags.

If you work with HTML manuals in Microsoft Word, this approach also allows you to use Word styles to format corresponding parts of the document (the styles 'section_title' and 'member' becomes available in Word).

4. [Improved] Manual.css was improved for better readability and more consistent look.
5. [Improved] The anchors in links in HTML manuals are equipped with additional 'name' attribute to make links work in Microsoft Word.
6. [Fixed] Unneeded 'xmlns:' attributes are no longer added to HTML tags in built HTML manuals.