Figure 11: Document content structure

2. Expand the tree and locate the guide title entry on the first page.
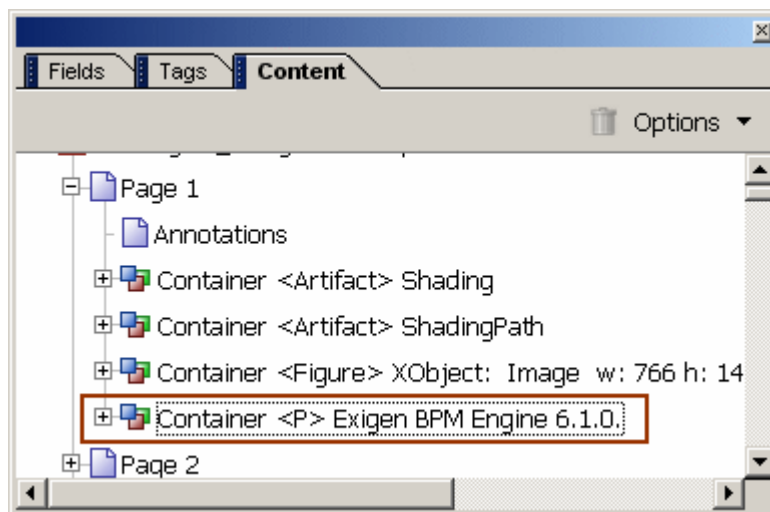

Figure 12: Guide title entry in the content structure

3. Using the mouse, drag the guide title entry down by one position.

    The guide title is now visible on the first page.

4. Close the content structure window.

11. Click **Save.**

Generating HTML Help

This section describes preparing the document created in Word format to generate HTML format documentation.

The following topics are described:

- [Preparing a Document for Conversion to Online Help](#)
- [Installing Help Converter](#)
- [Creating HTML Help](#)

 For more information on troubleshooting the HTML help converter, see [Troubleshooting the HTML Help Converter](#).

Preparing a Document for Conversion to Online Help

To prepare a document for conversion to online help, proceed as follows:

1. Delete the following pages and sections:
   - preface
   - index
2. Delete the links to the deleted pages and sections.
3. Replace the word 'guide' with the word 'help'.

   The exception is when the word 'guide' is used as a reference to other guides, such as 'for more information on <topic>, see <reference to a guide>.'
4. Delete the word 'chapter', the chapter number, and the colon from headings.
5. Check links to chapters.
6. In the text, ensure that the word 'chapter' is changed to 'section'.
7. Delete all screenshots except the following:
   - icons
   - toolbars
   - diagrams
   - screenshots or fragments of the screenshots that include important information that cannot be omitted
8. Delete figure captions.
9. Ensure that the word 'figure' does not appear in the 'The following <object> appears…' sentence.
10. If the word 'figure' appears in a sentence, delete it and substitute the name of the window.
11. In the reference text, links, and headings of the appendix, delete the word 'appendix', the appendix number, and the colon.
12. Leave the contents of the appendix as is.
13. Ensure that all index entries are at the beginning or end of sentences or headings.

Installing Help Converter

Help Converter is a Word macro to generate online help. It must be installed on the computer used for generating help. To install Help Converter, proceed as follows:

1. Close Word.
2. Locate and run the following file:

   `\\Fsrix01\Perl\HelpConverterMSWordMacro\Setup.exe`

   The **Welcome to the InstallShield Wizard for Help Converter** appears.
3. Click **Next.**

---

4. To specify the HelpConverter template location, in the **Select Microsoft Office Startup** window, select **Browse,** locate the `..Program Files\Microsoft Office\Office\Startup` folder, and click **OK.**

5. Click **Next.**

6. Wait until the installation is complete.

   The **InstallShield Wizard Complete** window appears.

7. Click **Finish.**

   After installation, the **Help Converter** icon appears when running Word [Help Converter icon].

Creating HTML Help

This section describes creating the following kinds of HTML help:

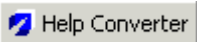| HTML help types	
Reference	**Description**
Creating Standard Help and Adding the Search Function	Standard help. This is the most commonly generated HTML help type.
Creating Help without the Search Function	Help without the search function. This type of help is specifically identified as such in the documentation plan.
Creating Help Using a Document with Linked Images	Help generated from a document containing linked images. An example of the project with this type of help is Exigen Workflow. For more information on linked images, see Inserting a Screenshot.
Creating Help for the Eclipse Platform	Help created for use on the Eclipse platform. This type of help is specifically identified as such in the documentation plan.

Creating Standard Help and Adding the Search Function

Creating standard help includes the following topics:

- Creating Standard Help
- Adding the Search Function

Creating Standard Help

To create standard help, proceed as follows:

1. On your workstation, create the `Help` folder for help.

2. In Word, open the guide to be converted into help.

3. In the toolbar, click [Help Converter icon].

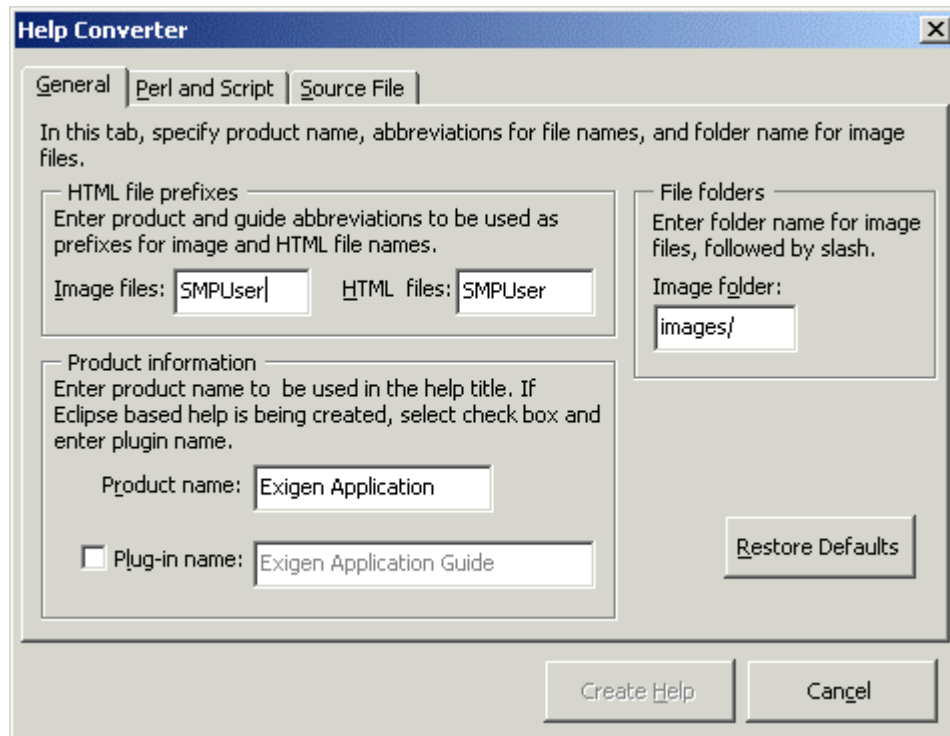   The **Help Converter** window appears.

Figure 13: Help Converter General tab

4. In the **Image files** field, enter the image files prefix as described in the help standards file naming conventions.

5. In the **HTML files** field, enter the content files prefix as described in Document Filename Naming Conventions.

6. In the **Image folder** field, enter the name of the folder where all image files must be saved.

Note: If a folder with the same name already exists in the Help folder, the Help Converter cannot create the image folder. As a result, the images do not appear in help.

7. In the **Product name** field, enter the product name.

8. If creating Eclipse based help, select the **Plug-in name** check box, and in the field next to it, enter the plug-in name.

    The Eclipse specific files are generated in the `eclipse` folder when running a program to create help.

    For more information on creating Eclipse based help, see *Plug In Programmer Guide* located at http://www.eclipse.org/.

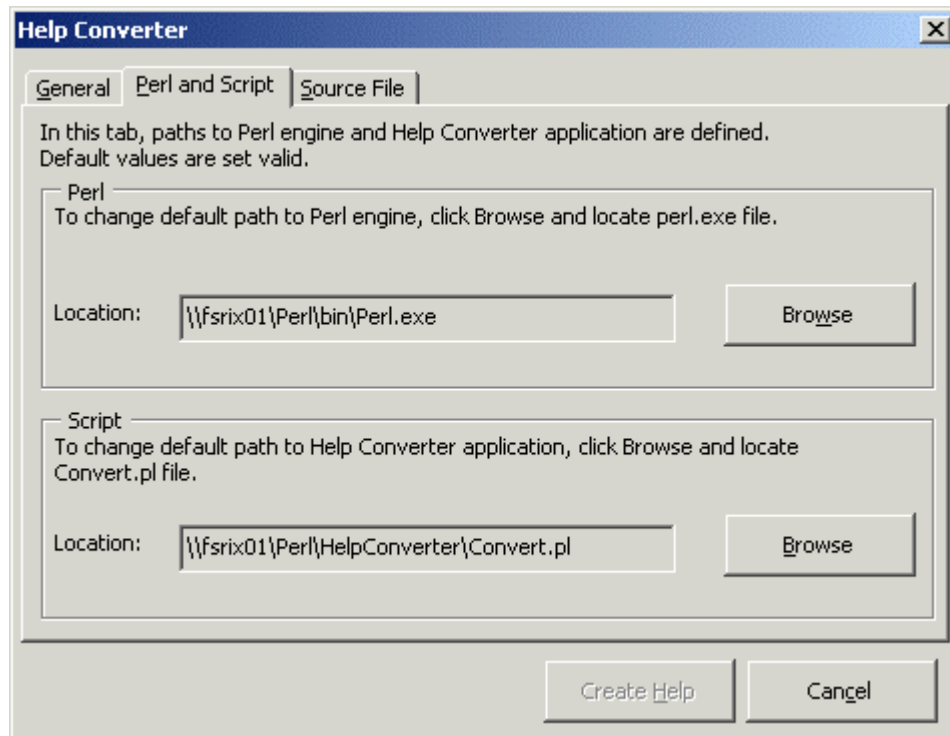9. Select the **Perl and Script** tab.

Figure 14: Help Converter: Perl and Script

10. If the paths to the Perl engine and the Help Converter script must be configured, to locate the correct paths, use browse buttons.

11. Select the **Source File** tab.

12. In the **Saving temporary source file** section, click **Save Temporary.**

13. Locate the `Help` folder and save the guide in HTML format.

    The path and filename of the saved HTML file appears in the **Target file** section, in the **Location** field.

14. In the **Specifying temporary source file** section, to locate source HTML file for the help, click **Browse.**

    You can select the newly created file or any other HTML file version for the guide.

15. Click **Create Help.**

    A console window opens and the conversion process begins.

16. Review the status messages that appear during the conversion process.

    Conversion can take several minutes for a large document.

17. When the console window closes, open the `Help` folder and view a list of generated files and folders.

Adding the Search Function

The following steps describe adding the search function to help using the third party tool SearchMakerPro. If you do not have access to SearchMakerPro, or do not want to add the search function, follow the steps described in .

To add the search function, proceed as follows:

1. Copy the `TemplateResultsPage.html` and `TemplateSearchPage.html` files from `\\fsrix01\perl\HelpConverter\HelpSearchMaker` to your local hard drive.

2. On the test computer of the Technical Publications department, on the desktop, locate the **SearchMakerPro** icon and double click it.

   The test computer has a licensed version installed.

3. In the **Search Maker Pro – Step 1 – Index Method** window, select **Select individual pages to index.**

4. Click **Next.**

5. In the **Search Maker Pro – Step 2,3 – Add Individual Pages** window, proceed as follows:

   1. Click **Add Many Files.**

      The **Add All Files in Folder** window appears.

   2. Click the browse button and locate the HTML help folder.

   3. Click **OK.**

   4. Clear **Include subfolders.**

   5. Click **Add Files.**

      The list of files appears in the **Search Maker Pro – Step 2,3 – Add Individual Pages** window.

6. In the **Select the pages to index** list, remove the following pages:

   - `index.html`
   - `search.html`
   - `title.html`
   - `toc.html`
   - `top.html`
   - `source_toc.html`

7. Click **Next.**

8. In the **Search Maker Pro – Step 4 – Window/Frame Options** window, leave the default settings and click **Next.**

9. In the **Search Maker Pro – Step 5 – Search Engine Settings** window, leave the default settings and click **Next.**

   The **Search Maker Pro – Step 6 – Templates and Styles** window appears.

10. Proceed as follows:

    - To use a template for the results page from the location where you copied it, select `TemplateResultsPage.html`.
    - To use a template for the search page from the location where you copied it, select `TemplateSearchPage.html`.
    - Leave the style sheet fields empty.

11. Click **Next.**

12. In the **Search Maker Pro – Step 7 – Font Formatting** window, proceed as follows:

    1. Click **Change All.**

       The **Change Font and Formatting** window appears.

    2. Select **None.**

    3. Click **OK.**

The **Change Font and Formatting** window disappears.

13. In the **Search Maker Pro – Step 7 – Font Formatting** window, click **Next.**

    The **Search Maker Pro – Step 8 – Create Indexes** window appears, and the HTML files are indexed.

14. Click **Next.**

15. When asked whether to convert absolute links to relative links, click **Yes.**

    The **Convert Absolute URL to Relative URL** window appears.

16. Using the **<** and **>** buttons, move the relative path marker to the furthest right position and click **OK.**

    A window appears confirming that a definite number of links are converted.

17. To close the confirmation window, click **OK.**

18. In the **Search Maker Pro – Step 9 – View and Edit Indexes** window, click **Next.**

19. In the **Search Maker Pro – Step 10 – Finished** window, select **Search Engine > Advanced Export > Create Advanced Search Page.**

20. Ensure that only the **Boolean Search Mode** and **Case Sensitive** check boxes are selected.

21. Click **OK.**

    The window confirming the successful creation of the **Advanced Search Page** appears.

22. To close the confirmation window, click **OK.**

23. In the **Search Maker Pro – Step 10 – Finished** window, click **Save HTML** and save the `search.html` file to the `Help` folder.

24. Click **Save.**

25. Exit **SearchMakerPro.**

Creating Help without the Search Function

To create help without the search function, proceed as follows:

1. Perform the steps described in Creating Standard Help.

2. Open the `title.html` file for editing.

3. In the `title.html` file source code, locate the following line:
   ```
   <td width="85"><img src="icons/search2.gif" width="85" height="29" name="Search"
   usemap="#SearchMap" border="0"></td>
   ```

4. Replace it with the following line:
   ```
   <td width="85"><img src="icons/transparent.gif" width="85" height="29"
   border="0"></td>
   ```

5. Save the `title.html` file.

6. Open the `top.html` file for editing.

7. Find and delete the following lines in the `top.html` source code:
   ```
   <li>
   <p>To search within help topics, click <b>Search</b></p>
   ```

8. Save the `top.html` file.

Creating Help Using a Document with Linked Images

To create help using a document with linked images, proceed as follows:

1. In the folder with the Word document and linked images, create a folder for the HTML help.

   Creating a folder maintains the relative paths from the Word documents and HTML files to the linked images folder.

   Example: If the folder with the Word document is `C:\Docs\Word\`, and the linked images are located in `C:\Docs\Images\`, the relative path from the Word folder to the images folder is `..\Images\`. The HTML help folder must use the same path, such as `C:\Docs\Help\`, so that the relative path to images stays the same, that is, `..\Images\`.

2. Create help as described in [Creating Standard Help and Adding the Search Function](#), observing the following guidelines:
   - Create the temporary HTML file in the same folder where the HTML source files are located, such as `C:\Docs\Help\`.
   - Do not specify the image file prefixes or the images folder.

Note: In the final product build, the relative path from the `HTML` folder to the `Images` folder must be the same as during the creation of the help files.

Creating Help for the Eclipse Platform

Before creating help for the Eclipse platform, ensure that the following symbols are not used in headings:

- apostrophe
- hyphen
- dash

To create help for the Eclipse platform, proceed as follows:

1. Perform steps 1 to 9 described in [Creating Standard Help](#).

2. If the `ref_link` style is used in the documentation, in the **Perl and Script** tab, in the **Script** field, use the **Browse** button to locate the following file:

   `\\fsrix01\Perl\HelpConverterForEclipseHelp\Convert_for_Eclipse_Studio.pl`

   The preceding file is used to create references to help topics in other guides in the Eclipse help system.

3. Perform steps 11 to 17 described in [Creating Standard Help](#).

4. In the directory where HTML help is created, delete the following files and directories:
   - `index.html`
   - `title.html`
   - `toc.html`
   - `top.html`
   - `icons` folder
   - `ftiens4.js`
   - `TreeStructure.js`
   - `ua.js`
   - `search.html`
   - `source_toc.html`

5. In the created `eclipse` folder, edit the `plugin.xml` file and add the plug-in ID and version number.
   Example:
   ```
   <plugin
      name = "%pluginName"
   ```

```
id = "com.exigen.dde.doc.user"
version = "5.2.2.03"
provider-name = "Exigen Properties, Inc.">
```

6. In the help directory, select all files and the `images` folder, and archive them in the `Doc.zip` file, preserving the structure as it is.

    Do not archive the `eclipse` folder.

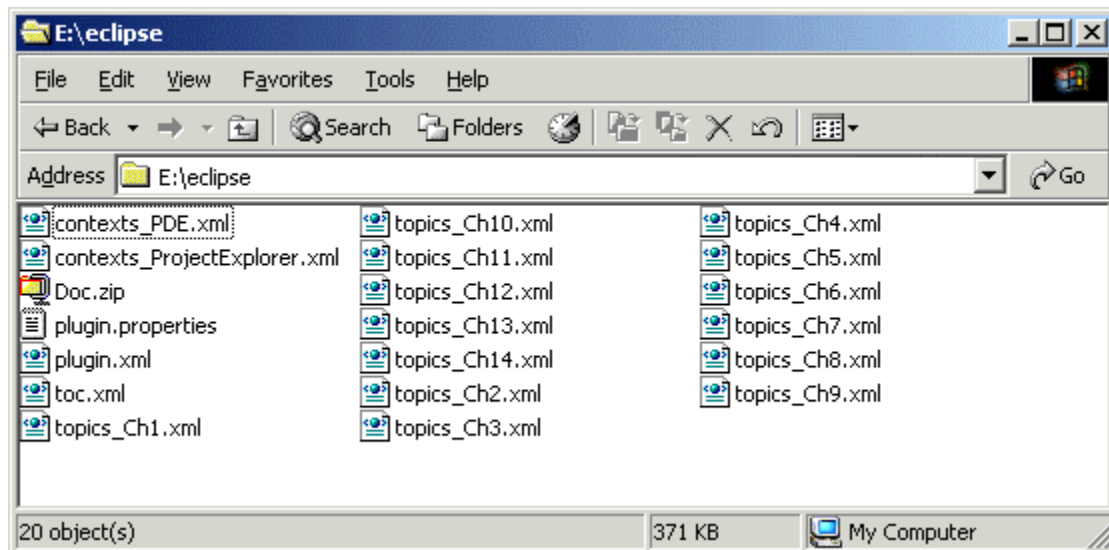7. Move the created `Doc.zip` file into the `eclipse` folder.

Figure 15: Eclipse directory contents example