

29: XML Authoring using Word

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Overview

The overview for this chapter consists of the following topics:

- Introduction
- Chapter Outline

Introduction

This chapter describes writing new chapters and editing the existing chapters for C++Toolkit book using the Bookshelf Authoring Template. This template allows creating documents that can automatically be converted to XML for use on the NCBI Bookshelf. Although the NCBI Bookshelf uses XML internally, the authoring template is based on Microsoft Word and does not require any prior knowledge of XML. This approach has the advantage of being able to use Word's spelling and grammar checking and avoid editing the actual XML document.

Chapter Outline

- [Writing a new chapter](#)
- [Editing Existing Chapters](#)
- [Editing Part Overviews](#)
- [Documentation Styles](#)

Writing a new chapter

Before writing a new chapter, please email us at cpp-core@ncbi.nlm.nih.gov with a description of the new chapter and to coordinate the addition of the new chapter with other work we are performing on the book. You also will need a version of Microsoft Word that can open, edit, and save files in Word 2003 format. Closely following the Bookshelf Authoring Template guideline is essential to ensure the proper Word-to-XML conversion.

Editing Existing Chapters

To edit an existing chapter, please email us at cpp-core@ncbi.nlm.nih.gov to obtain the correct Word file for the chapter. You also will need version of Microsoft Word that can open, edit, and save files in Word 2003 format. Closely following the Bookshelf Authoring Template guideline is essential to ensure the proper Word-to-XML conversion.

Editing Part Overviews

Each major book part has a short overview / contents page just for that part (for example, see the Part 1 page). All overviews are collectively maintained in the `booktoolkit.xml` file.

Documentation styles

The basic documentation styles are described in the table.

Name	Description	Example
nc-ncbi-app	Program name	datatool
nc-ncbi-class	Class	CTime
nc-ncbi-cmd	Command, script source code	configure --help
nc-ncbi-code	Source code	count = 0
nc-ncbi-func	Function	SetAttribute()
nc-ncbi-highlight	Highlights	NOTE:
nc-intro-subsect-head	Introduction and outline headings	Introduction
nc-ncbi-lib	Library name	connect
nc-ncbi-macro	Macro	_TRACE, ERR_POST, BEGIN_NCBI_SCOPE
nc-ncbi-monospace	Monospace font	C++ type: int, short, unsigned, long, etc.
nc-ncbi-path	Directories, file names, paths	/internal/c++
nc-ncbi-type	Type	int, FILE*, TMode, EType
nc-ncbi-var	Variables	i, count, m_Name, eDiag_Warning
nc-ncbi-pageobject	Tab, button, other page objects	Preview/Index