Arbortext 5.3
Curriculum Guide

NOTE: For a graphical depiction of the curriculum based on job role, please visit this page: http://www.ptc.com/services/edserv/learning/paths/ptc/at_53.htm
Web Based Curriculum Guide

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- Arbortext Editor 5.3 - Arbortext Editor End User Orientation
- Arbortext Editor 5.3 - Working with Structured Markup
- Arbortext Editor 5.3 - Creating Tables
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- Configuring Arbortext 5.3 – Getting Started with Arbortext Architect
- Configuring Arbortext 5.3 – Adding Features for Ease-of-Use
- Configuring Arbortext 5.3 – Refining and Installing Templates
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- Configuring Arbortext 5.3 – Configuration for Publishing
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- DITA and Arbortext 5.3 - Arbortext Editor Orientation for DITA Authors
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- DITA and Arbortext 5.3 - Using DITA Attributes
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• DITA and Arbortext 5.3 - Creating DITA Maps and Relationship Tables

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• SGML, XML and Arbortext 5.3 - Understanding the Need for Structured Information

• SGML, XML and Arbortext 5.3 - Structured Application Concepts

• SGML, XML and Arbortext 5.3 - Structured Authoring Concepts and Product Overview

• Understanding DITA - Introduction to Structured Information
• Understanding DITA – Introduction to XML Data Models and the DITA Model

• Understanding DITA – Authoring and Publishing Topics

• Understanding DITA – DTD Architecture and Specialization
Arbortext Editor 5.3 - Structured Information and Document Structure

Course Code: SAB-CEK-WBT2404-S
Course Length: 1 Hour

Overview

After completing this course, you will be able to:

- Understand the benefits of structured information.
- Describe the two major structured information formats:
  - Standard Generalized Markup Language (SGML)
  - eXtensible Markup Language (XML)

Prerequisites

- Completion of TRN-WBT2016-S Arbortext-5.2 - Understanding SGML and XML

Audience

This course is intended for authors and editors of structured information.

Topics

- Structured Information and Document Structure
- Why Structured Information?
- What is a DTD or Schema?
- Structured Information Markup
- What is SGML?
- What is XML?
- The Family of XML Standards
- Analyzing a Source Document
- Diagramming Document Structure
- Identifying XML DTD Structures
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Arbortext Editor End User Orientation

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Overview

After completing this course, you will be able to:
- Open Arbortext Editor from your desktop.
- Identify and use the different components of the Arbortext Editor window.
- Create new and sample documents.
- Select text and elements on-screen.
- Insert and delete text.
- Cut, copy, and paste text and elements.
- Display generated text on-screen.
- Search for and replace text and elements.
- Use the undo and redo commands.
- Change the case of text.

Prerequisites

- Completion of TRN-WBT2028-S Structured Information and Document Structure

Audience

This course is intended for authors and editors of structured information.

Topics

- Arbortext Editor Window Components
- Opening Arbortext Editor and Identifying Window Components
- Selecting a Template
- Selecting a Sample Document
- Collapsing Element Content
- Setting Preferences
- Saving Your Window Configuration
- Editing Text
- Using Generated Text
- Elements and Generated Text
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Working with Structured Markup

Course Code | SAB-CEK-WBT2406-S
Course Length | 4 Hours

Overview

After completing this course, you will be able to:

• Insert, change, and delete elements.
• Use split and join.
• Use the Document Type Viewer.
• Correct context errors.
• Add, modify, and delete attribute values.
• Create internal cross-referencing for printing.
• Create internal and external links for electronic publishing.
• Use and view IDs and ID References for your document.
• Insert symbols (character entities).
• Create and insert text entities.
• Reference external files (file entities).
• Modify display of text and file entities.
• Insert graphics and modify graphic display.

Prerequisites

• Completion of TRN-WBT2028-S Arbortext Editor End User Orientation

Audience

This course is intended for authors and editors of structured information.

Topics

• Inserting and Editing Markup
• Following the Rules of the DTD or Schema
• Using the Menu to Insert Markup
• Using Quick Tag to Insert Markup
• Using the Application Toolbar to Insert Markup
• Watching for Error Information on the Status Bar
• Using the Markup Toolbar Icon to Insert Markup
• Arbortext Editor and Document Structure
• Assigning Attributes
• What Are Attributes?
• Using the Menu to Modify Attributes
• Using the Document Map to Modify Attributes
• What is a Cross-Reference?
• Creating a Cross-Reference for Print
• Inserting Special Markup
• Inserting Symbols In a Document
• Using Character Entities in Arbortext Editor
• What is a Text Entity?
• Inserting Text Entities Into a Document
• What is a Referenced File?
• Inserting File Entities Into a Document
• Inserting Graphics Into a Document
• Setting the Graphics Path Through Preferences
• Setting the Graphics Path With an Environment Variable
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Creating Tables

Course Code  SAB-CEK-WBT2407-S
Course Length  2 Hours

Overview

After completing this course, you will be able to:

- Insert tables.
- Add columns and rows.
- Select cells, rows, borders, and columns.
- Insert text and markup in your table.
- Modify cell font, justification, and shading.
- Modify row height and column width.
- Modify on-screen table display.
- Import Excel tables.

Prerequisites

- Completion of TRN-WBT2028-S Working with Structured Markup

Audience

This course is intended for authors and editors of structured information.

Topics

- Creating Tables
- Reviewing Table Editor Features
- Table Editing
- Arbortext Support for Table Markup Models
- What is a Table Model?
- Inserting Tables in a Document
- Publishing Documents with Tables
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Authoring and Editing Management Tools and Final Workshop

Course Code | SAB-CEK--WBT2408-S
Course Length | 2 Hours

Overview

After completing this course, you will be able to:

- Use dictionaries.
- Use the Completeness Checker.
- Use the Spelling Checker and Thesaurus.
- Review, accept, and reject tracked changes.
- Compare two documents.
- Assign profiles.
- View a profiled document.
- Preview in Arbortext Editor.
- Print a composed and uncomposed document.
- Describe the output options that the Arbortext Publishing Engine can produce.

Prerequisites

- Completion of TRN-WBT2028-S Creating Tables

Audience

This course is intended for authors and editors of structured information.

Topics

- Authoring and Editing Management Tools
- Installing Language Dictionaries
- Specifying Common Arbortext Editor Spelling Preferences
- Tracking Changes
- Accepting and Rejecting Changes
- Viewing Changes
- Viewing Changes with Highlighting
- Splitting the Screen
- Understanding Change Tracking Alerts
- Understanding No Tracking and No Alert
- Comparing Two Documents
- Viewing the Compare Screen
• Understanding More About Compare
• Profiling
• Applying Profiles
• Setting the Profiles for Processing
• Viewing the Profiled Document
• Previewing and Printing
• How Does Publishing Work?
• What is Composed Output?
• What is Uncomposed Output?
• Preview Window Components
• What is Touchup?
• Additional Publication Options
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**Overview**

After completing this course, you will be able to:
- Know how DTDs and XML schemas define structure.
- Understand how stylesheets are used to format content.
- Understand public identifiers and catalog files.
- Import an application in Arbortext Architect.
- Open a test document and assign preferences.

**Prerequisites**

- Completion of TRN-WBT2028-S Authoring Using Arbortext Editor 5.3

**Audience**

This course is intended for application developers, technical support staff and production staff.

**Topics**

- What is the DTD and XML Schema?
- Applying Style
- External Identifiers and the Catalog File
- Startup Files in a Custom Application
- Overview of Arbortext Architect
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Configuring Arbortext 5.3 – Adding Features for Ease-of-Use

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**Overview**

After completing this course, you will be able to:

- Assign content protection and elements and attributes as "hidden."
- Enable the Application toolbar.
- Enable divisions and division heads.
- Integrate the table editor.
- Control character substitution.
- Control tag display and modify tag colors.
- Control the spelling checker and create a user dictionary.
- Assign context-related element actions.
- Control user format access.
- Enable Column View.
- Enable graphics support.
- Enable automated support for link elements.

**Prerequisites**

- Completion of TRN-WBT2409-S Configuring Arbortext 5.3 – Getting Started with Arbortext Architect

**Audience**

This course is intended for application developers, technical support staff and production staff.

**Topics**

- DCF Editor Overview
- Categories in the DCF Editor
- Configuring the DCF Editor
- Column View Feature
- Graphic Attributes in the DCF Editor
- Enabling Graphics Support
- Enabling Automated Support for Link Elements
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Configuring Arbortext 5.3 – Refining and Installing Templates

Course Code | TRN-WBT2412-S
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Course Length | 3 Hours

**Overview**

After completing this course, you will be able to:

- Create a template for your application.
- Add template and instruction fields.
- Create a demo or sample document.
- Create a doctype preferences file.
- Create a doctype ACL file.
- Create tag templates.
- Install your Arbortext Architect application for general use.
- Set up a custom installation directory.
- Install a customized, global user dictionary.
- Test the application in Arbortext Editor.
- Create an alias map from an empty template.
- Apply an alias map to a document type.
- Create an alias map from a populated template.
- Identify what characters are not allowed in aliases.

**Prerequisites**

- Completion of TRN-WBT2411-S Configuring Arbortext 5.3 – Adding Features for Ease-of-Use

**Audience**

This course is intended for application developers, technical support staff and production staff.

**Topics**

- Understanding Templates
- Understanding Samples
- Startup Command Files Hierarchy
- Arbortext Command Language
- Custom Directory
- Installing Custom Applications
- Custom Subdirectories
- Alias Map Editor Overview
- Alias map Editor Menu Options
- Creating Aliases
- Applying an Alias Map to a Document Type
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Configuring Arbortext 5.3 – Automating Content Creation

Course Code: TRN-WBT2413-S
Course Length: 3 Hours

Overview

After completing this course, you will be able to:
• Create a macro by capturing a series of keystrokes.
• Run and test a macro.
• Understand the three types of XUI dialog boxes.
• Create and display basic XUI dialog boxes.
• Embed a XUI dialog box with ActiveX controls.
• Access a Microsoft ActiveX control.
• Embed a Microsoft ActiveX control.

Prerequisites

• Completion of TRN-WBT2412-S Configuring Arbortext 5.3 – Refining and Installing Templates

Audience

This course is intended for application developers, technical support staff and production staff.

Topics

• The Macro Recorder
• XUI Overview
• Specifying Dialog Box Layout
• Creating XUI Dialog Boxes
• ActiveX Benefits
• Data Merge
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# Configuring Arbortext 5.3 – Configuration for Publishing

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## Overview

After completing this course, you will be able to:
- Customize the PCF file for a document type.
- Reference the PCF file in the DCF.
- Apply a profile to a document.
- Test a profiled document.
- Configure Web publishing.
- Specify document elements that will be divided into separate HTML files during Web publishing, also known as "chunking".
- Enable compose options.
- Test Web publishing.
- Configure options for PDF files.
- Test the PDF options.

## Prerequisites

- Completion of TRN-WBT2413-S Configuring Arbortext 5.3 – Automating Content Creation

## Audience

This course is intended for application developers, technical support staff and production staff.

## Topics

- Profiling Overview
- Persistent File Names and Chunking
- Creating PDF Files
- Choosing PDF Configuration Options
- PDF Configuration Options
- Configuring Fonts for Direct PDF
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DITA and Arbortext 5.3 - The Darwin Information Typing Architecture Overview

Course Code | TRN-WBT2442-S
Course Length | 1 Hour

Overview

After completing this course, you will be able to:

- Describe a DITA Topic.
- Describe a DITA Concept.
- Describe a DITA Task.
- Describe a DITA Reference.
- Describe a DITA Map.
- Describe a DITA BookMap.
- Describe a DITA Database.
- Describe a DITA Glossary.
- Describe the two DITA authoring methods.

Prerequisites

- Completion of TRN-WBT2016-S Arbortext-5.2 - Understanding SGML and XML

Audience

This course is intended for authors and editors of DITA technical information.

Topics

- The Topic Information Type
- The Concept Information Type
- The Task Information Type
- The Reference Information Type
- DITA Maps
- DITA BookMap
- DITA Database
- DITA Glossary
- Arbortext Doctype Identifiers and Storage Locations
- DITA Authoring Methods
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Module 1  The Darwin Information Typing Architecture Overview
DITA and Arbortext 5.3 - Arbortext Editor Orientation for DITA Authors

Course Code: TRN-WBT2443-S
Course Length: 3 Hours

Overview

After completing this course, you will be able to:

- Open Arbortext Editor from your desktop.
- Identify and use the different components of the Arbortext Editor window.
- Create new and sample documents.
- Select text and elements on-screen.
- Insert and delete text.
- Cut, copy, and paste text and elements.
- Display generated text on-screen.
- Search for and replace text and elements.
- Search for elements.

Prerequisites

- Completion of TRN-WBT2031-S – DITA and Arbortext 5.3 - Darwin Information Typing Architecture Overview

Audience

This course is intended for authors and editors of DITA technical information.

Topics

- Getting Started
- Controlling Arbortext Editor Window Display
- Controlling Edit View Display
- Navigating in Arbortext Editor
- Collapsing and Expanding Elements
- Inserting Text
- Displaying Generated Text
- Selecting Elements and Text
- Finding and Replacing Text
- Basic Text Editing
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DITA and Arbortext 5.3 - Creating DITA Topics, Concepts, and Tasks

Course Code  | TRN-WBT2444-S
-------------|---------------
Course Length | 4 Hours

Overview

After completing this course, you will be able to:

• Describe a block element.
• Describe an inline (phrase) element.
• Describe the five DITA Domains.
• Insert, change, and delete markup in a DITA Topic.
• Create and edit a DITA Concept.
• Create and edit a DITA Task.

Prerequisites

• Completion of TRN-WBT2031-S – DITA and Arbortext 5.3 - Arbortext Editor Orientation for DITA Authors

Audience

This course is intended for authors and editors of DITA structured information.

Topics

• Inserting Markup in a Topic
• Using Join and Split in a Topic
• Deleting Markup in a Topic
• Changing Markup in a Topic
• Using the Context Checker
• Using the Document Type Viewer
• Creating a Concept
• Using Join and Split in a Concept
• Creating a Task
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DITA and Arbortext 5.3 - Using DITA Attributes

Course Code | TRN-WBT2445-S
Course Length | 2 Hours

Overview

After completing this course, you will be able to:

• Add, modify and delete attribute values in a topic.
• Use the Generate an ID button to generate id attribute values.
• Use the Generate an ID button to replace existing id attribute values.

Prerequisites

• Completion of TRN-WBT2031-S – DITA and Arbortext 5.3 - Creating DITA Topics, Concepts, and Tasks

Audience

This course is intended for authors and editors of DITA structured information.

Topics

• Adding and Modifying Attribute Values in a Topic
• Deleting Attribute Values in a Topic
• Using the Generate an ID Button to Assign ID Attribute Values
• Using the Generate an ID Button to Override an Existing ID Attribute Value
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# DITA and Arbortext 5.3 - DITA Cross-References, Links, and Content References

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## Overview

After completing this course, you will be able to:

- Describe the Resource Manager.
- Describe how to use cross-references.
- Describe how to use related-links.
- Create a cross-reference to another DITA document.
- Create a link to a Web site.
- Describe content reuse.
- Describe content reference (conref).
- Create a content reference.
- Modify a content reference.
- Insert images/graphics.

## Prerequisites

- Completion of TRN-WBT2031-S – DITA and Arbortext 5.3 - Using DITA Attributes

## Audience

This course is intended for authors and editors of DITA structured information.

## Topics

- Creating a Cross-Reference Using the Cross-Reference (xref) Element
- Creating Related-Links to Local and External Documents
- Inserting a Content Reference (conref)
- Modifying a Content Reference (conref)
- Inserting an Image Reference
- Setting Image Display
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DITA and Arbortext 5.3 - Creating Tables and Using Arbortext Editor Tools

Course Code: TRN-WBT2447-S
Course Length: 4 Hours

Overview

After completing this course, you will be able to:
- Insert tables.
- Add columns and rows.
- Select cells, rows, borders, and columns.
- Insert text and markup in your table.
- Modify cell font, justification, and shading.
- Modify row height and column width.
- Modify on-screen table display.
- Import Microsoft Excel tables.
- Create custom tables, including a DITA Simple Table and a DITA Properties Table.
- Use dictionaries.
- Use the Completeness Checker
- Use the Spelling Checker and Thesaurus.
- Review, accept, and reject tracked changes.
- Compare two documents.
- Assign profiles.
- View a profiled document.

Prerequisites
- Completion of TRN-WBT2031-S – DITA and Arbortext 5.3 - DITA Cross-References, Links, and Content References

Audience

This course is intended for authors and editors of DITA structured information.

Topics
- Inserting a New Table
- Navigating and Selecting in a Table
- Editing Within a Table
- Inserting Markup
- Modifying Cell Format
Modifying Cell Borders
Setting Table, Column, and Row Size
Setting Table Display Mode
Pasting Excel Tables
Creating a DITA Simple Table
Creating a Properties Table
Checking Completeness
Using the Spelling Checker and Thesaurus
Change Tracking
Comparing Documents
Applying Profiles
Viewing a Profiled Document
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DITA and Arbortext 5.3 - Creating DITA Maps and Relationship Tables

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Overview

After completing this course, you will be able to:
- Describe the DITA map structure.
- Create a DITA map.
- Use the Column view to assist with DITA map creation.
- Use the Resolved Document for Editing feature.
- Describe a relationship table.
- Use the Insert Relationship Table dialog box.
- Create a simple relationship table.
- Create a complex relationship table.
- Use the linking and collection-type attribute in a relationship table.

Prerequisites

- Completion of TRN-WBT2031-S – DITA and Arbortext 5.3 - Creating Tables and Using Arbortext Editor Tools

Audience

This course is intended for authors and editors of DITA structured information.

Topics

- Creating a Basic DITA Map Using Existing Topics
- Nesting Topics in a DITA Map
- Promoting and Demoting in the DITA Map
- Creating a New Topic in the DITA Map
- Adding Map Attributes
- Editing a Resolved Document
- Inserting a Relationship Table
- Creating a Simple Relationship Table
- Creating a Complex Relationship Table
- Working with the Collection-Type and Linking Attributes in a Complex Relationship Table
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DITA and Arbortext 5.3 - Previewing and Printing Documents and DITA Specialization

Overview

After completing this course, you will be able to:

- Preview in Arbortext Editor.
- Print a composed and uncomposed document.
- Describe the Arbortext Publishing Engine output options.
- Profile and Publish a DITA Map.
- Understand DITA specialization concepts.
- Describe the benefits of specialization.
- Describe how specialization works.
- Create DITA Topics, concepts, tasks, and references.
- Insert images into a DITA topic.
- Create a simple table.
- Create a DITA map.
- Create a relationship table.
- Modify Attributes in the relationship table.
- Create bi-directional and one-way links in the relationship table.
- Check spelling in a resolved document.
- Publish a DITA map to an HTML file.
- Publish a DITA map to a PDF.
- Profile a DITA map and publish to an HTML file.

Prerequisites

- Completion of TRN-WBT2031-S – DITA and Arbortext 5.3 - Creating DITA Maps and Relationship Tables

Audience

This course is intended for authors and editors of DITA structured information.

Topics

- Publishing a DITA Map
- Profiling and Publishing a DITA Map
- Final Workshop
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Arbortext Styler 5.3 - Understanding the Basics

Course Code | SAB-CEK2461
Course Length | 2 Hours

Overview

- Explain stylesheet concepts.
- Define a StylerSheet.
- Name several factors to consider when planning for your stylesheet needs.
- List several guidelines for identifying general formatting requirements.
- Describe Arbortext Styler concepts.
- Convert a FOSI to a .style file.
- Save your stylesheet for multiple outputs.
- Navigate within the Arbortext Styler interface.
- View property sets and their values.
- Apply predefined styles to individual and multiple elements.
- Use the Style Helper.

Prerequisites

- Completion of Authoring Using Arbortext Editor 5.3 or equivalent work experience with Arbortext Editor.
- A good understanding of general XML concepts, as well as DTDs.

Audience

This course is intended for:

- Developers of stylesheets for Arbortext Editor window display.
- Developers of stylesheets for paged output.
- Maintainers of stylesheets.
- Programming developers whose scripts affect formatting.
- System integrators who want to understand Arbortext Editor formatting.

Topics

- Introduction to Arbortext and Style Sheets
- Guidelines For Getting Started
- Getting Started with Arbortext Styler
- Styles
# Table of Contents

| Module 1 | Introduction to Arbortext and Style Sheets |
| Module 2 | Guidelines For Getting Started               |
| Module 3 | Getting Started with Arbortext Styler        |
| Module 4 | Styles                                      |
Arbortext Styler 5.3 - Graphics, Generated Text, Context and Conditions

Course Code: SAB-CEK2462
Course Length: 2 Hours

Overview

After completing this course, you will be able to:

- Access graphic details and assign attributes and attribute roles.
- Enable graphics to display on-screen.
- Assign generated text in a stylesheet.
- Apply generated text to lists.
- Create a basic table of contents.
- Use context to correct formatting for nested list elements.
- Use position information to correct formatting for repeating para elements within item elements.
- Format the title element for different contexts.
- Access the Condition and Test dialog boxes.
- Assign conditions to establish different formatting based on attribute values in a document.

Prerequisites

- SAB-CEK2461 - Arbortext Styler 5.3 - Understanding the Basics

Audience

This course is intended for:

- Developers of stylesheets for Arbortext Editor window display.
- Developers of stylesheets for paged output.
- Maintainers of stylesheets.
- Programming developers whose scripts affect formatting.
- System integrators who want to understand Arbortext Editor formatting.

Topics

- Formatting Graphics
- Adding Generated Text
- Context- and Position-Based Formatting
- Conditional-Based Formatting
# Table of Contents

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</tbody>
</table>
Arbortext Styler 5.3 - Advanced Properties and Context

Course Code: SAB-CEK2463
Course Length: 2 Hours

Overview

After completing this course, you will be able to:

- Derive property values.
- Resolve property values.
- Edit property values.
- Apply spacing relative to the location of an element.
- Assign a priority setting to control adjacent prespace and postspace.
- Assign a default style for the entire document.
- Assign the Text Break, Indent, Justification, and Highlighting properties.
- Determine which settings, in the Arbortext Editor preferences, interact with StylerSheet formatting and affect the display in the Arbortext Editor window.
- Create and assign a property set to multiple elements.
- Reference a property set within a property set.
- Understand that the order of property sets is important when they are referenced by an element.
- Determine which property set takes precedence when an element references multiple property sets that contain conflicting values.
- Assign formatting based on an element's context.
- Determine location-specific formatting using an element's context and position.
- Keep element content together when it is composed to different outputs.

Prerequisites

- SAB-CEK2462 - Arbortext Styler 5.3 - Generated Text, Graphics...

Audience

This course is intended for:

- Developers of stylesheets for Arbortext Editor window display.
- Developers of stylesheets for paged output.
- Maintainers of stylesheets.
- Programming developers whose scripts affect formatting.
- System integrators who want to understand Arbortext Editor formatting.

Topics

- Working with Properties
- Assigning Space Values and Priorities
- Using Default Formatting
• Working with Property Sets
• Using Context-Based Formatting
# Table of Contents

| Module 1 | Working with Properties |
| Module 2 | Assigning Space Values and Priorities |
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| Module 5 | Using Context-Based Formatting |
Arbortext Styler 5.3 - Advanced Generated Text

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</table>

**Overview**

After completing this course, you will be able to:

- Generate text before or after an element's content.
- Assign Gentext properties to display in Arbortext Editor.
- Understand how StylerSheet settings interact with Arbortext Preferences for edit window display.
- Work with property sets, derivation, defaulting, and local coding to format text and generated text.
- Create user-formatting elements to assign formatting for a portion of generated text.
- Generate numbering and labeling for section titles and nested section titles.
- Understand the numbering reset options.
- Generate graphics using the Gentext property tab.
- Create a basic table of contents.
- Customize the formatting of the table of contents.
- Add a table of contents header.
- Create multiple tables of contents.

**Prerequisites**

- SAB-CEK2463 - Arbortext Styler 5.3 - Advanced Properties...

**Audience**

This course is intended for:

- Developers of stylesheets for Arbortext Editor window display.
- Developers of stylesheets for paged output.
- Maintainers of stylesheets.
- Programming developers whose scripts affect formatting.
- System integrators who want to understand Arbortext Editor formatting.

**Topics**

- Generating Text
- Formatting Text and Generated Text
- Numbering and Labeling
- Generating Graphics
- Creating a Table of Contents
## Table of Contents

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Arbortext Styler 5.3 - Advanced Conditions and Page Based Formatting

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</table>

**Overview**

After completing this course, you will be able to:

- Access and use the New Condition, Edit Condition, and New Attribute Test dialog boxes.
- Create conditions to establish unique formatting based on an element’s attribute value.
- Copy and edit an existing condition to create a new condition.
- Use the Check Completeness tool to identify any incomplete tagging and/or resolve any duplicate or missing id attribute values.
- Enable cross-references to chapter titles.
- Edit an Arbortext Styler Formatting Element that will be assigned to all cross-reference generated text.
- Create and assign page sets.
- Create and assign headers and footers.
- Assign ruling to display with a header.
- Create a module from an existing StylerSheet.
- Reuse a module in a new, empty StylerSheet.
- Understand and identify the four footnote-related elements.
- Combine footnote-related elements to create three different footnote models (inline, reference, and hybrid).
- Use the reference model to create footnotes.
- Describe the limitations that prevent certain formatting from being displayed in all outputs.
- View your document during development for Print, PDF, HTML Help, and the Web.

**Prerequisites**

- SAB-CEK2464 - Arbortext Styler 5.3 - Advanced Generated Text

**Audience**

This course is intended for:

- Developers of stylesheets for Arbortext Editor window display.
- Developers of stylesheets for paged output.
- Maintainers of stylesheets.
- Programming developers whose scripts affect formatting.
- System integrators who want to understand Arbortext Editor formatting.

**Topics**

- Enabling Conditional-Based Formatting
- Using Cross-Referencing
• Working with Page Sets
• Creating and Using Modular StylerSheets
• Creating Footnotes
• Using the Preview Options in Arbortext Styler
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Arbortext Styler 5.3 - Export Formats, Testing, Multiple Stylesheet, and Project

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Overview

After completing this course, you will be able to:

- Export an Arbortext StylerSheet to the following formats: XSL-HTML, XSL-FO, XSL-HTML Help, XSL-Web, XSL-Contributor, FOSI, and XSL-FO RTF.
- Describe the importance of a document test suite.
- Use general guidelines for testing.
- Manage multiple stylesheets in the Arbortext style panels.
- Toggle between stylesheets in the Arbortext Editor window.
- Determine the order that Arbortext Editor uses to locate a stylesheet if an association has not been defined.
- Access and navigate the Arbortext Styler interface.
- Use the four major ways to specify formatting: elements-in-context, property sets, default formatting, and derivation.
- Develop a StylerSheet that is easy to maintain.
- Automatically generate text, graphics, counters, and ruling.
- Create a table of contents.
- Suppress text and graphics from output.
- Specify formatting based on element context and position.
- Use and test attribute values in a document that affect formatting.
- Thoroughly test your StylerSheet to ensure its success.
- Manage multiple Stylersheets.

Prerequisites

- SAB-CEK2465 - Arbortext Styler 5.3 - Advanced Conditions and Page Based Formatting

Audience

This course is intended for:

- Developers of stylesheets for Arbortext Editor window display.
- Developers of stylesheets for paged output.
- Maintainers of stylesheets.
- Programming developers whose scripts affect formatting.
- System integrators who want to understand Arbortext Editor formatting.

Topics

- Exporting an Arbortext StylerSheet to Other Formats
- Testing Documents
- Managing and Associating Multiple Stylesheets
- Project
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</table>
SGML, XML and Arbortext 5.3 – Understanding the Need for Structured Information

Course Code  SAB-CEK2483
Course Length  2 Hours

Overview

After completing this course, you will be able to understand what structured information is, explain the basic differences between information that is created in a structured editor and information that is created in a desktop publishing tool. You will also be able to describe why structured information is beneficial to your business. In addition, you will be able to explain what SGML is, identify the standards organization who developed SGML and name the types of organizations who are using SGML. And finally, you will be able to understand the basic concepts of eXtensible Markup Language (XML) and identify several technologies that are related to XML and their roles in an XML publishing solution.

Prerequisites

- Basic computer skills in a windows computing environment

Audience

This course is intended for:
- Writers and editors who need a high-level understanding of SGML and/or XML.
- Production managers in a SGML and/or XML publication environment.
- Group managers who need to learn about SGML and/or XML.

Topics

- Understanding Structured Information
- Understanding SGML
- Understanding XML
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SGML, XML and Arbortext 5.3 – Structured Application Concepts

Course Code  SAB-CEK2484
Course Length  3 Hours

Overview
After completing this course, you will be able to remember that structure is defined in a Document Type Definition or DTD and you will understand DTD components and syntax. You will also recognize that validation is critical to exploiting the advantages of structured information. In addition, you will be able to describe schemas and their benefits. You will also understand how SGML and XML documents do not embed style instructions. And finally, you will be able to name the standard stylesheet languages that can be used to render SGML and XML files to finished publications and list the advantages of using standard stylesheet languages.

Prerequisites
- Completion of TRN-WBT2027-S SGML, XML and Arbortext 5.3 - Understanding the Need for Structured Information

Audience
This course is intended for:
- Writers and editors who need a high-level understanding of SGML and/or XML.
- Production managers in a SGML and/or XML publication environment.
- Group managers who need to learn about SGML and/or XML.

Topics
- Defining Document Structure
- Creating Style
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Overview

After completing this course, you will be able to list the components of SGML and XML documents, recognize different markup types, including elements and entities, and view markup in Arbortext Editor. In addition, you will be able to compare the features of SGML and XML, describe in general the differences between use and application of the two markup languages and identify the differences in markup and DTD syntax. And finally, you will be able to describe the purpose and function of all the tools in the Arbortext product suite.

Prerequisites

- Completion of TRN-WBT2027-S SGML, XML and Arbortext 5.3 – Structured Application Concepts

Audience

This course is intended for:
- Writers and editors who need a high-level understanding of SGML and/or XML.
- Production managers in a SGML and/or XML publication environment.
- Group managers who need to learn about SGML and/or XML.

Topics

- Understanding Document Markup Syntax
- Comparing SGML and XML
- Introducing Arbortext Products
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<td>Module 3</td>
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Understanding DITA - Introduction to Structured Information

Course Code  
SAB-CEK2836

Course Length  
1 Hour

Overview

In this course, you will learn how to describe structured information, explain the basic differences between information that is created in a structured editor and information that is created in a desktop publishing tool. You will also be able to describe why structured information is beneficial to your business. Additionally, you will be able to explain a brief history of HTML and XML, understand the roles of HTML and XML in structured publishing, and describe an information model. And, finally, you will be able to explain the role of a DTD or XML Schema in structured publishing, and describe the role of stylesheets in structured publishing.

Prerequisites

- Basic computer skills in a windows computing environment.

Audience

This course is intended for writers who need to understand DITA, production and technical managers working in a publication environment, and group managers who need to learn about structured publishing and DITA.

Topics

- Information Publishing Today
- Today’s Challenges vs. Opportunities
- Example of an Inefficient Publishing Process
- What is Needed?
- Free Your Information From the Page
- Structure Your Information
- Structured Information Markup Promotes Consistency
- Procedural vs. Descriptive Markup
- Comparison of Descriptive and Procedural Markup
- Centralize the Storage and Retrieval of Information
- Assemble Information for Multiple Uses
- Benefits of Structured Information
- A Brief History of HTML
- Understanding HTML
- Document Markup: Elements
- Document Markup: Attributes
- Sample HTML Markup and Output
- Limitations of using HTML for All Documents
- A Brief History of XML
- Sample XML Markup and Output
- HTML and XML in a Structured Publishing System
- Parts of a Structured Publishing System
- Introduction to DTDs and XML Schemas
- Customizing Existing DTDs and Creating New DTDs
- Understanding Document and Data Analysis and Modeling
- Identifying Structure from a Source Document
- Finished Analysis
- Diagramming Structure
- Understanding Stylesheets
- Formatting XML
- Advantages of Using XML
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Understanding DITA – Introduction to XML Data Models and the DITA Model

Course Code  | SAB-CEK2837
Course Length | 2 Hours

Overview

In this course, you will learn how to explain why validation is critical to exploiting the advantages of structured information, interpret a sample DTD or XML Schema, describe an information model, and name three components of an authoring system that produces valid XML. You will also learn the basics of the DITA information architecture, and describe how DITA compares to other XML models for technical information.

Prerequisites

- Completion of TRN-WBT2836-S Understanding DITA – Introduction to Structured Authoring

Audience

This course is intended for writers who need to understand DITA, production and technical managers working in a publication environment, and group managers who need to learn about structured publishing and DITA.

Topics

- Well-Formed XML and Valid XML
- More Powerful Validation through XML Schema
- XML Standards for Style, Transformation, and Linking
- A Valid XML Letter
- Writing the Letter DTD: Elements
- Writing the Letter DTD: Attributes
- Writing the Letter DTD: Entities
- Reusing Information in XML
- Reusing DTD Code via System Identifier
- Reusing Code via Public Identifiers and the Catalog File
- Formal Public Identifiers
- Authoring Valid XML
- How Much DTD Knowledge is Enough?
- Challenges for XML
- Defining DITA
- DITA and XML
- DITA is a Methodology for Reuse
- DITA is an Information Architecture
- DITA: A Faster Way to Bigger Payoffs
# Table of Contents

| Module 1 | Introduction to Valid XML and the DITA Model |
Understanding DITA – Authoring and Publishing

Overview

In this course, you will learn how to describe a DITA topic, a DITA concept, a DITA task, and a DITA reference. You will understand the purpose of a DITA glossary and a DITA Map. Additionally, you will learn how to make content more reusable, how DITA enables reuse, the different uses for a DITA map, and how metadata assists with content processing and publishing. You will also be able to create a DITA map, describe and apply conditional processing, understand the purpose of relationship tables, and create a DITA database.

Prerequisites

- Completion of TRN-WBT2837-S Understanding DITA – Introduction to XML Data Models and the DITA Model

Audience

This course is intended for writers who need to understand DITA, production and technical managers working in a publication environment, and group managers who need to learn about structured publishing and DITA.

Topics

- Creating Reusable Content
- Reusing DITA Content
- Understanding the Conref Attribute
- More About DITA Maps
- Structuring DITA Maps
- Examples of DITA Map Elements
- Common Metadata Elements and Attributes
- Understanding Metadata Elements
- Publication Metadata Elements
- Management Metadata Elements
- Metadata Qualification Elements
- Metadata Element Examples
- Understanding Common Attributes
- Identifier Attributes
- Metadata Attributes for Conditional Processing
- Example of a Setup for Conditional Processing
- Example of a Result After Conditional Processing
- Miscellaneous Attributes
- Architectural Attributes
• Understanding DITA Map Attributes
• DITA Map Attributes for Linking Behavior
• Understanding Relationship Tables
• Using Relationship Tables
• Understanding the DITA Ditabase
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Understanding DITA – DTD Architecture and Specialization

Course Code | SAB-CEK2839
Course Length | 1 Hour

Overview

In this course, you will learn how to describe specialization and its benefits, compare structural and domain specializations, explain inheritance and generalization, and review a sample, structural specialization.

Prerequisites

- Completion of TRN-WBT2838-S Understanding DITA – Authoring and Publishing Topics

Audience

This course is intended for writers who need to understand DITA, production and technical managers working in a publication environment, and group managers who need to learn about structured publishing and DITA.

Topics

- Understanding Specialization
- Two Types of Specialization
- Creating Specializations
- An Example of a Specialization of a Task
- An Example of a Specialization of a DITA Map
- Understanding the Inheritance Principal of Specialization
- Mapping Specialized Elements to DITA Elements
- Understanding the Generalization Principal of Inheritance
- Creating a Task Specialization
- Specializing a DITA Topic to a Task
- The Benefits of Specialization
- DITA DTD Modules: Topics
- DITA DTD Modules: Maps
- DITA DTD Modules: Domains
- DITA DTD Modules: Common
- Module Integration: Topics
- Module Integration: Maps
- Module Integration: Domains
- Module Integration: Common
- Document Type Shell and Module Integration
- Integrating Structural and Domain Specializations
- Specialization versus Customization
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Module 1  DITA DTD Architecture and Specialization