



# *Booktitle: DITaxPresso*

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# Introduction

Topics:

- [About DITAxPresso](#)
- [Target Users](#)

This section introduces you to DITAxPresso.

## About DITAxPresso

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What is DITAxPresso?

DITAxPresso is a desktop-based software application developed by Metapercept technology services (LLP). It allows you to edit, style, and publish the DITA content without any knowledge of DITA or XML coding.

The simple and easy-to-use interface of DITAxPresso makes it intuitive to use without specialized training. DITAxPresso is independent of external support tools.

You can publish in PDF, WebHelp, Word, and Markdown formats. DITAxPresso allows you to style PDF and Webhelp formats as required. The default DITAxPresso plugins can be styled as per requirements. And for personalized design requirements, you can use Metapercept custom plugins.

Editor and Builder enable you to make minor modifications to the DITA map content and restructure your DITA map, respectively, without making any changes to the existing DITA map files.

## Target Users

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This section gives a brief introduction of the intended users of DITAxPresso.

Enterprises and professionals from diverse backgrounds can use DITAxPresso. Marketing and Sales Professionals, Business Analysts, Management Executives, training staff, and support teams can use DITAxPresso.

Using DITAxPresso, professionals can instantly choose the content, edit, style, and publish, without being dependent on experts. Technical Writers can use DITAxPresso for editing and styling the content.

Small and medium enterprises can use DITAxPresso extensively as a multi-functional tool. With Styler, Builder, and Publisher features, DITAxPresso accomplishes more tasks within limited resources and without any hassle.

# Managing a Project

Topics:

- [Creating a New Project](#)
- [Opening an Existing Project](#)
- [Selecting from Multiple Maps](#)

To Begin with DITAxEpresso start creating a project. Projects are basically a copy of the DITA Map folder. This project gets created separately without disturbing the existing DITA Map folder. Based on your requirement you can edit or customize the content.

Related tasks

[Creating a New Project](#) on page 2

[Opening an Existing Project](#) on page 3

[Selecting from Multiple Maps](#) on page 3

## Creating a New Project

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Pre-requisite:

- JAVA runtime installed on the system in use.
- An existing DITA Map.

This task guides you to create a new project in DITAxEpresso.

1. Open the DITAxEpresso Software on the system.
2. In the workspace, click New Project.  
A project window opens.
3. Enter the following details :
  - Name of the project.
  - Description of the project. (optional)
  - Project-related keywords. (optional)
4. Selecting DITA map folder
  - a. Click folder icon against DITA map field.
  - b. Browse to the existing DITA map folder and click.
  - c. Click Select Folder.
5. Selecting destination folder
  - a. Click folder icon against Path field.
  - b. Browse to the required output destination folder and click on the folder.
  - c. Click Select Folder.
6. Select the Initialize this project with READ.ME checkbox. (Optional)
7. Click Create Project.

New Project is created.

## Opening an Existing Project

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To open a project in DITaXPRESSO, follow the steps below.

1. Click Open Project in the workspace.  
Open Project dialog box is displayed.
2. In the dialog box:
  - a. Click Choose and browse for DITaXPRESSO project with .dvp extension.
  - b. Select the required file with .dvp extension and click Open.
  - c. Click Open Project.

The project files are listed under the Project Manager on the left-hand pane of the window.

## Selecting from Multiple Maps

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Multiple DITA maps can be present in a folder.

To select one DITA map from multiple DITA maps in the project:

1. Open a project. [Opening an Existing Project](#) on page 3

Note: In the workspace, a message will appear *Multiple DITA maps detected in the project directory. Select the required DITA map.*

2. Click the drop-down list arrow following the message .
3. From the list box, select the required DITA map.

The DITA map structure is displayed under the DITA Map Viewer on the left-hand pane of the window.

# Default Publishing

Topics:

- [DITA Map to WebHelp](#)
- [DITA Map to PDF](#)
- [DITA map to Word](#)
- [DITA map to Markdown](#)
- [Selecting Plugin](#)

You can publish multiple formats using Publisher option. The current version supports PDF, WebHelp, Word, and Markdown. DITAxEPresso enables you to publish various output formats using existing DITA maps.

## DITA Map to WebHelp

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This task explains how to generate HTML files using DITA Map files.

1. Open the required DITA map in the DITAxEPresso project.
2. From the left-hand pane of the window, click Publisher > WebHelp.
3. In the workspace, [Selecting Plugin](#) on page 5.

Note: To style WebHelp before publishing, [Customize XSLT for WebHelp](#) on page 9

4. Click Transform.

In the project folder, WebHelp file is generated in Output > webhelp.

## DITA Map to PDF

---

This task explains how to generate PDF files using DITA Map files.

1. Open the required DITA map in the DITAxEPresso project.
2. From the left-hand pane of the window, click Publisher > PDF.
3. In the workspace, [Selecting Plugin](#) on page 5.

Note: To style the PDF before publishing, [Customize XSLT for PDF](#) on page 7.

4. Click Transform.

In the project folder, PDF file is generated in Output > pdf.

## DITA map to Word

---

This task explains how to generate Word files using DITA Map files.



1. Open the required DITA map in the DITAxEpresso project.
2. From the left-hand pane of the window, click Publisher > Word.
3. In the workspace, [Selecting Plugin](#) on page 5.
4. Click Transform.

In the project folder, Word file is generated in Output > word.

## DITA map to Markdown

---

This task explains how to generate Markdown files using DITA Map files.

1. Open the required DITA map in the DITAxEpresso project.
2. From the left-hand pane of the window, click Publisher > Markdown.
3. In the workspace, [Selecting Plugin](#) on page 5.
4. Click Transform.

In the project folder, Markdown file is generated in Output > markdown.

## Selecting Plugin

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Choose the appropriate publisher plugin before publishing in DITAxEpresso.

1. To select publisher plugin,
  - [Default Plugin List](#) on page 5
  - [Add Customized Plugins](#) on page 5

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### Default Plugin List

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To select plugin from the available list during publishing in DITAxEpresso, follow the steps below.

1. In the workspace, click Select > Plugins.  
On the right-hand side of the workspace, a menu will appear. The menu will list available plugins.
2. Select the desired plugin.

Note: Click on Preview to view the outline of output for the plugins.

Required plugin is selected.

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### Add Customized Plugins

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Before you begin:

- Ensure you have a valid customized plugin key available.

To publish using the customized plugins, follow the steps as below:

1. In the workspace, under Plugins option, click Select.  
The right pane lists the Available plugins.

2. Enter Metapercept customized plugin key:

- a. Click the lock icon against the required plugin name.
- b. Enter the plugin key provided for the customized plugin in the space provided.
- c. Click the unlock icon.

The customized additional plugin is added.

3. Select the added customized plugin.

Required plugin is selected.

# Using DITaxPresso Styler

Topics:

- [Customize XSLT for PDF](#)
- [Customize XSLT for WebHelp](#)
- [Setting Plugin to Default Attributes](#)

Styler allows you in customizing the output documents. You can change the attributes of the document with the Styler menu.

Current Version supports two types of Styler:

- PDF Styler [Customize XSLT for PDF](#) on page 7
- WebHelp Styler [Customize XSLT for WebHelp](#) on page 9

## Customize XSLT for PDF

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The PDF Styler allows to customize the output based on the user requirements. The user has the privileges to modify or design the document based on the branding strategy.

Below are the various properties to customize the PDF output:

- [Style Frontpage](#) on page 7
- [Style Page Header and Footer](#) on page 7
- [Style TOC](#) on page 8
- [Style Tables](#) on page 8
- [Style Lists](#) on page 8
- [Style Commons](#) on page 8

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### Style Frontpage

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This task explains how to format the front page for a customized output.

1. Open a DITaxPresso project.
2. Click Styler > PDF Styler > Front Page.
3. If you want to add logo to the front page, follow the steps below.
  - a. Click LOGO.
  - b. Click Browse. Navigate to the logo.
  - c. Select logo and then click Open.
  - d. Select alignment.
  - e. Select the size.
4. Click TITLE. Choose suitable options for the fields you want to customize.
5. Click SUBTITLE. Choose suitable options for the fields you want to customize.
6. Click Save.

---

### Style Page Header and Footer

---

This task explains how to format the headers and footers for customized output.

1. Open a DITAxpesso project.
2. Click Styler > PDF > Header/Footer.
3. Click HEADER.
  - a. Click ODD. Choose suitable options for the fields you want to customize.
  - b. Click EVEN. Choose suitable options for the fields you want to customize.
4. Click FOOTER.
  - a. Click ODD. Choose suitable options for the fields you want to customize.
  - b. Click EVEN. Choose suitable options for the fields you want to customize.
5. Click PAGE NUMBER. Choose suitable options for the fields you want to customize.
6. Click Save.

---

### Style TOC

---

This task helps in formatting the Table of Content for the customized output.

1. Open a DITAxpesso project.
2. Click Styler > PDF > TOC.
3. Click HEADER. Choose suitable options for the fields you want to customize.
4. Click CHAPTER CONTENT. Choose suitable options for the fields you want to customize.
5. Click LEADER. Choose Leader Pattern.
6. Click Save.

---

### Style Tables

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This section explains how to format the tables in DITA Map content for a customized look in the PDF output format.

1. Open a DITAxpesso project.
2. Click Styler > PDF > Tables.
3. Click TITLE. Choose suitable options for the fields you want to customize.
4. Click HEADERS. Choose suitable options for the fields you want to customize.
5. Click FRAMES. Choose suitable options for the fields you want to customize.
6. Click Save.

---

### Style Lists

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The task explains how to format the lists in DITA maps for a customized output format.

1. Open a DITAxpesso project.
2. Click Styler > PDF > Lists.
3. Click UNORDERED. Choose suitable options for the fields you want to customize.
4. Click ORDERED. Choose suitable options for the fields you want to customize.
5. Click Save.

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### Style Commons

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The task explains how to format Commons attributes of a PDF format.

1. Open a DITAxpesso project.
2. Click Styler > PDF > Commons.

3. Click CHAPTER. Choose suitable options for the fields you want to customize.
4. Click TITLES. Choose suitable options for the fields you want to customize.
5. Click Save.

## Customize XSLT for WebHelp

---

The WebHelp Styler allows to customize the output based on user requirements. The user has the privileges to modify or design the document based on the branding strategy.

Below are the various properties to customize the WebHelp output:

- [Choose Themes](#) on page 9.
- [Style Header](#) on page 9.
- [Style Concept Topics](#) on page 9.
- [Style Task Topics](#) on page 10.
- [Style Topics](#) on page 10.

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### Choose Themes

---

This task explains how to choose theme for WebHelp output.

1. Open a DITaxPresso project.
2. Click Styler > WebHelp > Themes.
3. Select the required theme.
4. Click Apply.

---

### Style Header

---

This task explains how to format the header for a customized WebHelp output.

1. Open a DITaxPresso project.
2. Click Styler > WebHelp > Header.
3. If you want to add logo to the front page, follow the steps below.
  - a. Click LOGO.
  - b. Click Browse. Navigate to the logo.
  - c. Select logo and then click Open.
  - d. Select alignment.
  - e. Select the size.
4. Click TITLE. Choose suitable options for the fields you want to customize.
5. Click Save.

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### Style Concept Topics

---

This task explains how to format the concept topics for a customized WebHelp output.

1. Open a DITaxPresso project.
2. Click Styler > WebHelp > Header.
3. Click HEADER. Choose suitable options for the fields you want to customize.
4. Click CHAPTER CONTENT. Choose suitable options for the fields you want to customize.
5. Click LEADER. Choose suitable options for the fields you want to customize.

6. Click Save.

---

### Style Task Topics

---

This task explains how to format the task topics for a customized WebHelp output.

1. Open a DITAxiPresso project.
2. Click Styler > WebHelp > Task.
3. Click TITLE. Choose suitable options for the fields you want to customize.
4. Click HEADERS. Choose suitable options for the fields you want to customize.
5. Click Save.

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### Style Topics

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This task explains how to format the Topic style for a customized WebHelp output.

1. Open a DITAxiPresso project.
2. Click Styler > WebHelp > Topic.
3. Click TITLE. Choose suitable options for the fields you want to customize.
4. Click HEADER. Choose suitable options for the fields you want to customize.
5. Click Save.

## Setting Plugin to Default Attributes

---

The user can change the Styler settings of the plugin to the default attributes with the steps below.

1. Click Styler in the left-hand side navigation pane.
2. Click PDF or WebHelp as required.  
Styler menu will be displayed in the workspace.
3. On the top right-hand corner of the workspace, click Default.
4. A pop-up message will ask, Restore Default Attributes. Click Confirm.

The settings are restored to default values.

# Building in DITAxPresso

Topics:

- [Opening Builder](#)
- [Modifying DITA map](#)

The Builder allows the user to hide or unhide the content of the DITA Map. In large DITA Map, you can easily hide or unhide the content based on your requirement before publishing the document.

## Opening Builder

---

To open the DITA map Builder:

- In the menu bar, click View > DITA Map Builder.

In the workspace, the DITA map structure will be displayed.

## Modifying DITA map

---

For a huge DITA map, the Builder helps in selecting the components which the user needs for the publication. The Builder lets the user hide or unhide every component of the DITA map.

This task will show you how to select the required DITA map components.

1. In builder, on the upper side of the workspace, choose the required option from:

- [Parts](#) on page 14
- [Chapters](#) on page 14
- [Topics](#) on page 14
- [Maps](#) on page 14
- [Topichead](#) on page 14

The respective working DITA map components will expand for editing.

2. Edit the map structure using the following buttons:

- Move up: Change the component position to one up.
- Move down: Change the component position to one down.
- Hide or Unhide: Hide or unhide the component while publishing.

New DITA map structure is displayed.

3. To save the edited DITA map, the user can choose from the following two options:

- Save: The original .dxd file will be changed. The name of the file will remain the same.
- Save As: The file will be saved to a new destination. The user will have to enter a new name and select a new location to save the updated DITA map.

Note: The user can select or clear Info checkbox. Info gives the additional color-coded information of the various DITA map components. Color codes help in easy identification of the components while working on a large DITA map.

The edited DITA map is displayed in the Map area in the right-hand pane of the window.



# Editing content in DITAxPresso

Editor allows you to modify the contents of the DITA maps.

# Glossary

Topics:

- [Parts](#)
- [Chapters](#)
- [Topics](#)
- [Maps](#)
- [Topichead](#)
- [DITA maps](#)
- [Portable Document Format](#)
- [Markdown](#)
- [Hypertext Markup Language](#)
- [Word](#)
- [Plugins](#)
- [XSLT](#)
- 

## Parts

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The `<part>` element references a part topic or a map that references part topics for the book.

## Chapters

---

The `<chapter>` element references a topic or map as a chapter within a book.

## Topics

---

DITA topics are the basic units of DITA content and the basic units of reuse. Each topic contains a single subject.

## Maps

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DITA maps are documents that organize topics and other resources into structured collections of information. DITA maps specify hierarchy and the relationships among the topics; they also provide the context in which keys are defined and resolved.

## Topichead

---

The `<topichead>` element provides a title-only entry in a navigation map, as an alternative to the fully-linked title provided by the `<topicref>` element.

## DITA maps

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DITA maps are documents that collect and organize references to DITA topics to indicate the relationships among the topics. They can also serve as outlines or tables of contents for DITA deliverables and as build manifests for DITA projects.

## Portable Document Format

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PDF is a file format for capturing and sending electronic documents in exactly the intended format.

PDF

## Markdown

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Markdown is a lightweight markup language with plain text formatting syntax.

## Hypertext Markup Language

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Hypertext Markup Language is the standard markup language for documents designed to be displayed in a web browser.

HTML

## Word

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MS Word is a popular word-processing program used primarily for creating documents such as letters, brochures, learning activities, tests, quizzes, and students' homework assignments. There are many simple but useful features available in Microsoft Word to make it easier for study and work.

## Plugins

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A plugin is a software add-on that is installed on a program, enhancing its capabilities.

## XSLT

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XSLT stands for XSL Transformations. XSL (eXtensible Stylesheet Language) is a styling language for XML.

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