



# Agenda

- Introduction: What is an Oxygen Publishing Template
- Built-in Templates
- Template Package
- Creating a Custom Template
- Customizing the Output

# What is an Oxygen Publishing Template?

An Oxygen Publishing Template is used to define the layout and style for DITA-based **WebHelp** or **PDF** output. It is defined using a self-contained customization package stored as a ZIP archive or folder that can easily be shared with others.

Each template package contains a descriptor file (.opt) and various resources that define various aspects of the output.

# Benefits

- You can use built-in templates as a starting point for your own customizations.
- The custom template packages are easy to share with others.
- Custom template packages remain intact even when you upgrade Oxygen to a new version.
- A template can be easily integrated with a continuous integration publishing system.
- The same template package can contain both a WebHelp and PDF customization and you can reuse some of the resources.

# Customization Methods

- Add additional template resources (such as logos, favicons, or CSS files).
- Extend the default processing by using XSLT extensions or HTML Fragment extensions.
- Specify one or more transformation parameters.
- For **WebHelp** output, customize which components will be displayed and where they will be positioned in the page.
- For **PDF** output, customize various aspects with CSS styling.

# Built-in Templates

## Current Transformation Scenarios (Version 20.1)

- DITA Map WebHelp Responsive
- DITA Map WebHelp Responsive with Feedback
- DITA Map PDF – based on HTML5 & CSS

## Version 21.0 Addition

- DITA Map PDF – based on DITA & CSS (WYSIWYG)

# Publishing Template Package

## WebHelp

Descriptor File (.opt)

CSS File(s)

Resources (Images, JS, Fonts)

Transformation Parameters

XSLT Extension Points

HTML Fragment Extension Points

**\*\*\*HTML Page Layout Files**

## PDF

Descriptor File (.opt)

CSS File(s)

Resources (Images, Fonts)

Transformation Parameters

XSLT Extension Points

# Template Descriptor File

## Required

Name

At least 1 CSS File

WebHelp and/or PDF Element

## Optional

Description

Author

Tags

Preview Image

Online Preview Image

Resources

Transformation Parameters

HTML Fragment Extensions

XSLT Extensions

\*\*\*HTML Page Layout Files

# Resources

**WebHelp Responsive Publishing Template Package Contents in Oxygen User Guide:**

[https://oxygenxml.com/doc/ug-editor/topics/whr\\_publishing\\_template\\_contents.html](https://oxygenxml.com/doc/ug-editor/topics/whr_publishing_template_contents.html)

**Oxygen Publishing Template Samples on GitHub:**

<https://github.com/oxygenxml/oxygen-publishing-template-samples>

**PDF Publishing Templates Package Contents in Oxygen User Guide:**

[https://oxygenxml.com/doc/ug-editor/topics/pdf\\_publishing\\_template\\_contents.html](https://oxygenxml.com/doc/ug-editor/topics/pdf_publishing_template_contents.html)

**PDF Customization CSS section of Oxygen User Guide:**

[https://oxygenxml.com/doc/ug-editor/topics/dcpp\\_the\\_customization\\_css.html](https://oxygenxml.com/doc/ug-editor/topics/dcpp_the_customization_css.html)

# Upcoming Webinars

- Nov. 7**      **Creating Custom Oxygen Frameworks**
- Nov. 28**   **Creating Schematron Rules and Schematron Quick Fixes**
- Dec. 5**      **Setting up a Simple DITA Project**
- Dec. 12**    **Oxygen Productivity Tips and Tricks**

# Thank You!

[steven\\_higgs@oxygenxml.com](mailto:steven_higgs@oxygenxml.com)