

DITA Publishing and Feedback with Oxygen Tools

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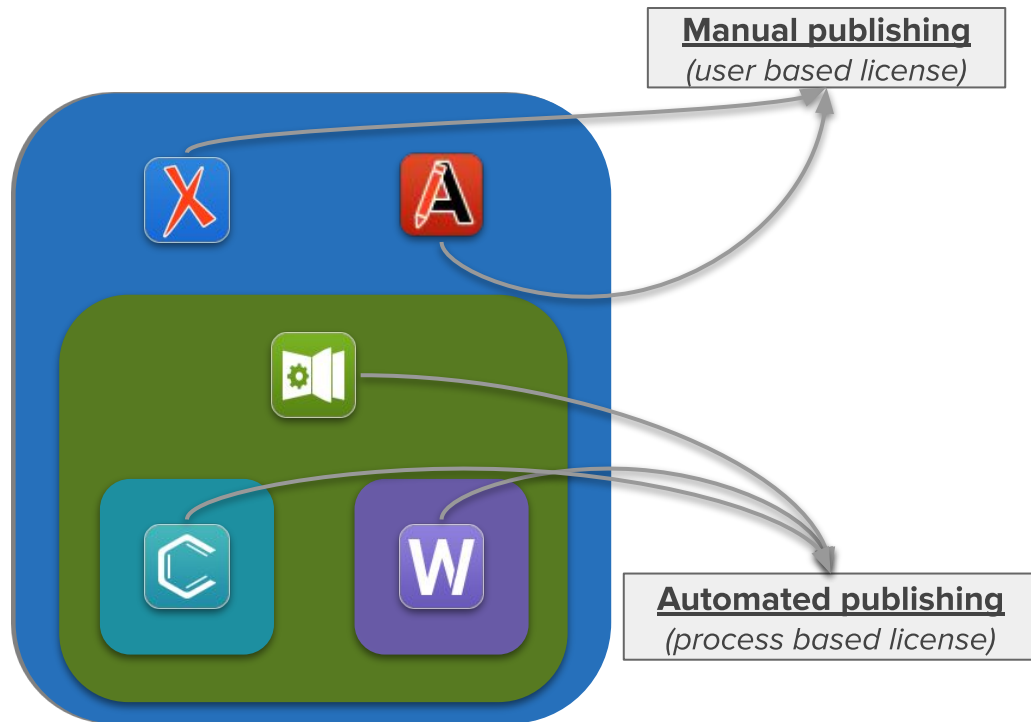
Agenda

- Publish DITA content to WebHelp Responsive output
- Customize the output using a Publishing Template package
- Generate PDF output from XML or HTML using CSS
- Embed the Oxygen Feedback Comments Component to collect customers feedback
- Update DITA topics integrating the community feedback using the Oxygen Feedback Plugin

The Tools

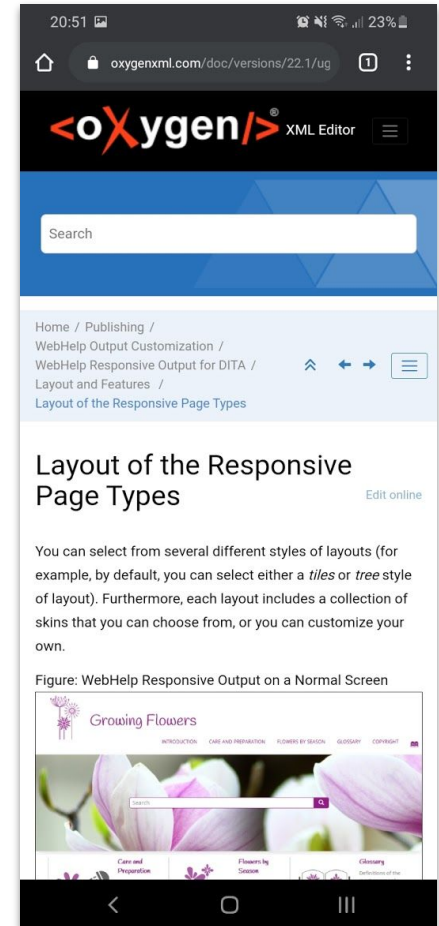
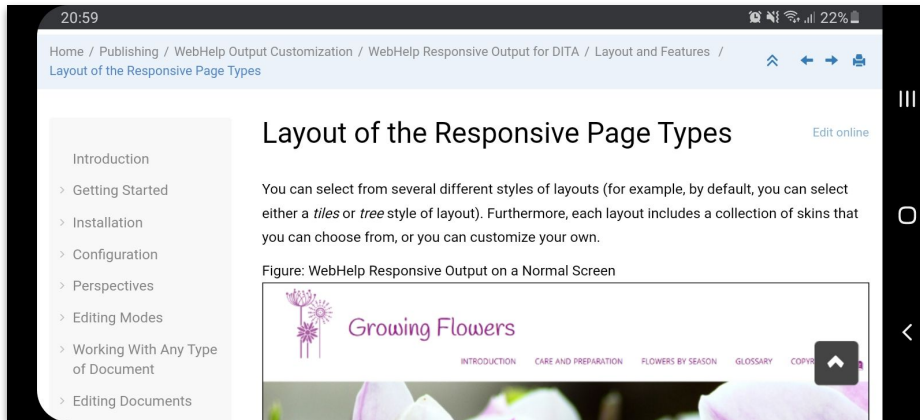
- Oxygen XML Editor / Author
- Oxygen Publishing Engine
 - Oxygen XML WebHelp
 - Oxygen PDF Chemistry

- Additional:
 - Oxygen Feedback
 - Oxygen Feedback Connector



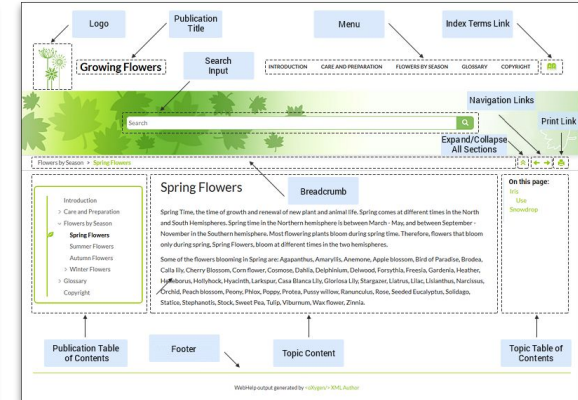
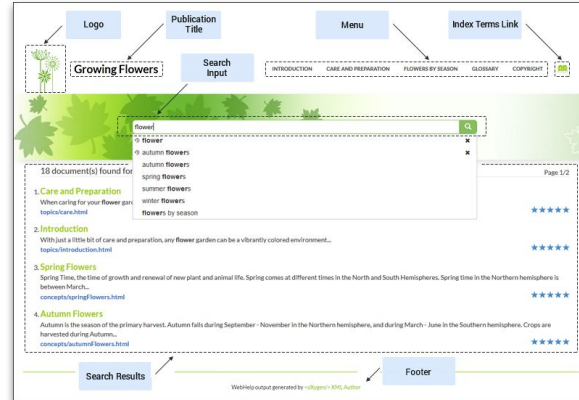
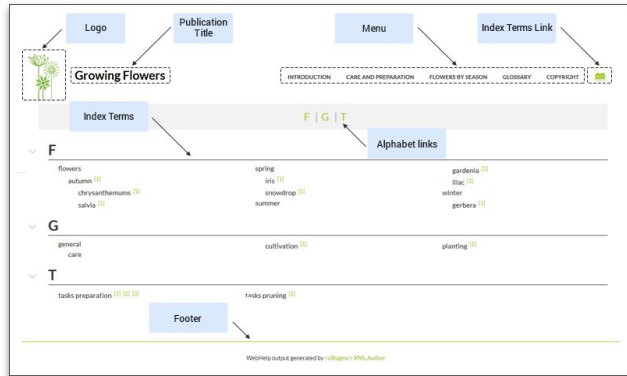
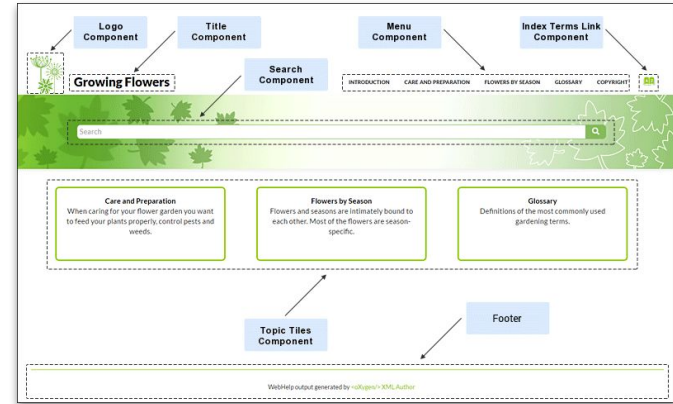
WebHelp Responsive

- HTML5 based online help
- Very flexible layout
- Adapts to any device and screen size
- Extensible and customizable
- Compatible with the recent versions of the most popular browsers
- Compliant with the Section 508 accessibility standard



Pages and Layout Components

- **Main Page** - home page
- **Topic Page** - generated for each DITA topic
- **Search Page** - presents search results
- **Index Terms Page** - lists available index terms
- Each page contains a series of specific components



Search Engine

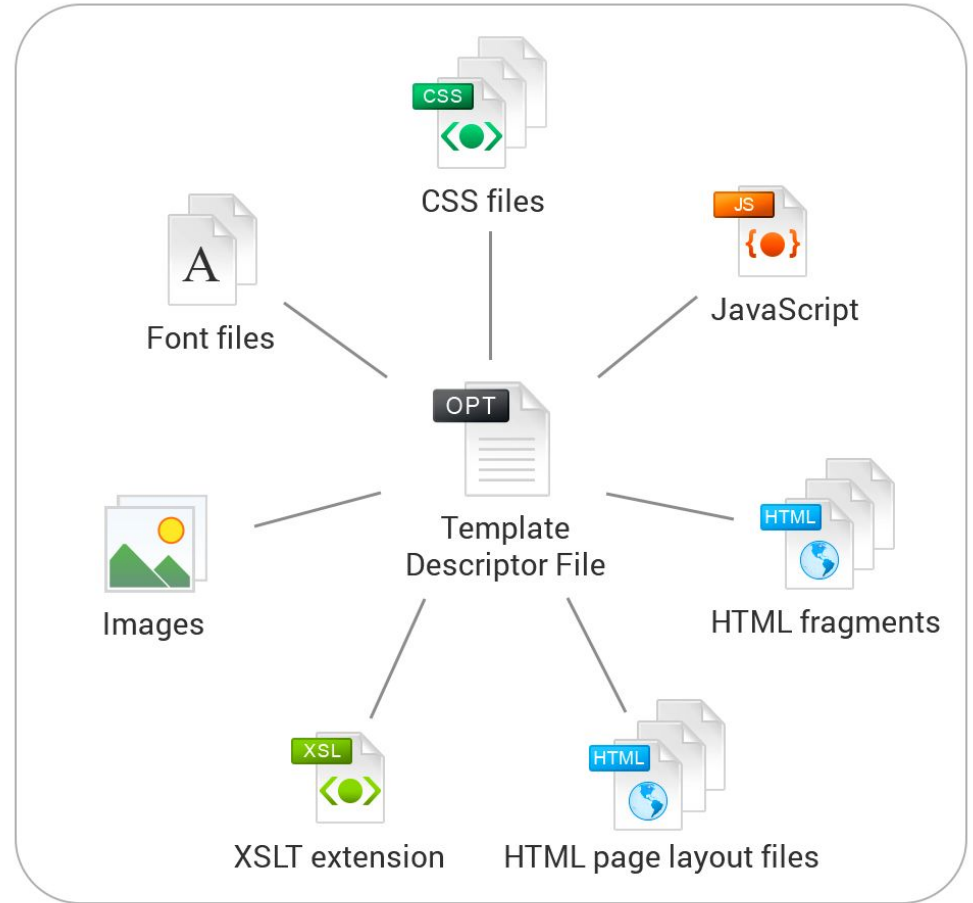
- The Search functionality is based on a search index built at publishing time
- Search input is available in almost all pages (except index terms page)
- Uses a rating mechanism to sort the result items
- Search rules:
 - Exact search for multiple word phrases - using quotes
 - Boolean search - using *and*, *or*, *not* operators
 - Composed words - two or more words merged using colon (":"), minus ("-"), underline ("_"), or dot (".")
- Excluded Terms - stop words

Publishing Template

- Self contained customization package
- Some possible customization methods include:
 - Change layout and styling using CSS
 - Add additional resources (such as logos, Favicons)
 - Extend the default processing using XSLT extension points
 - Configure transformation parameters:
 - Show/hide some of the available components
 - Reposition components in the page
 - Turn on/off several features
 - Configure search engine functionality
- Github Publishing Templates Samples Project:
<https://github.com/oxygenxml/oxygen-publishing-template-samples>

Publishing Template Package Contents

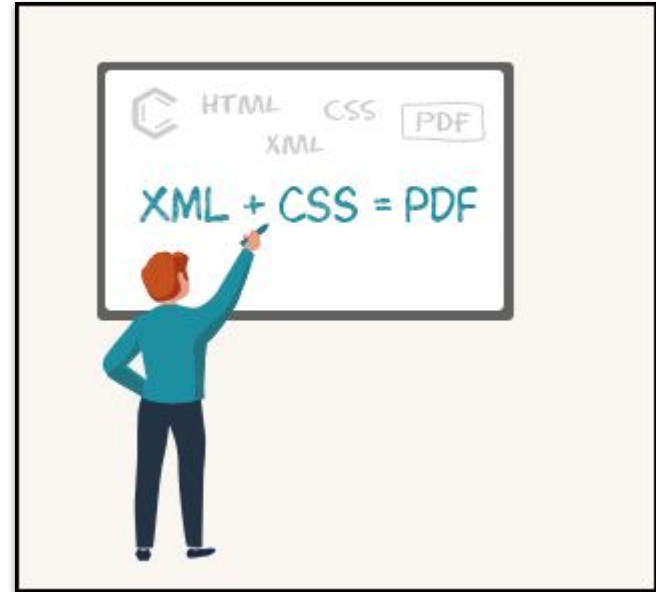
- **Template Descriptor File** - defines all the resources included in a template
- **Template resources:**
 - CSS files
 - Logo and favicon
 - JavaScript AMD modules
 - Other resources (graphics, fonts, etc)
- **Transformation parameters**
- **XSLT Extension Points** - allow changing the structure of the HTML pages
- **HTML Fragment Extension Points** - can be used to insert custom HTML fragments in the output
- **HTML Page Layout Files** - define the default layout of the generated pages



Oxygen Publishing Template Package

Oxygen PDF Chemistry

- Converts **HTML** and **XML** to **PDF** using **CSS**
- Uses CSS paged media module to control page size, page breaks, headers and footers, footnotes
- Output can be customized using a **Publishing Template**
- **Font Flexibility:**
 - TrueType fonts, web fonts, Google fonts, embedded fonts
 - font families that cover large character ranges (Arabic, Hebrew, and Asian languages, etc.)
- **Accessibility** - 508 compliant
- **Internationalization** - RTL text, ligatures, language dependent static text




Oxygen Feedback


- Comment Management platform specialized for technical documentation websites
- Very easy to configure and integrate in any HTML based pages
- Simple interface for comment moderation
- Support for versioned comments
- Oxygen XML Editor integration


Oxygen Feedback Alin Balasa ▾

Add a comment...


 **John**
6 days ago

I will get things started by offering a big **Welcome** to everyone joining our discussion.


1 Reply  ← Reply


 **Mary**
6 days ago

Thank you John. I also want to welcome everyone to the *community*.

 **John**
6 days ago

Do I need my own server to manage and integrate *Oxygen Feedback*?

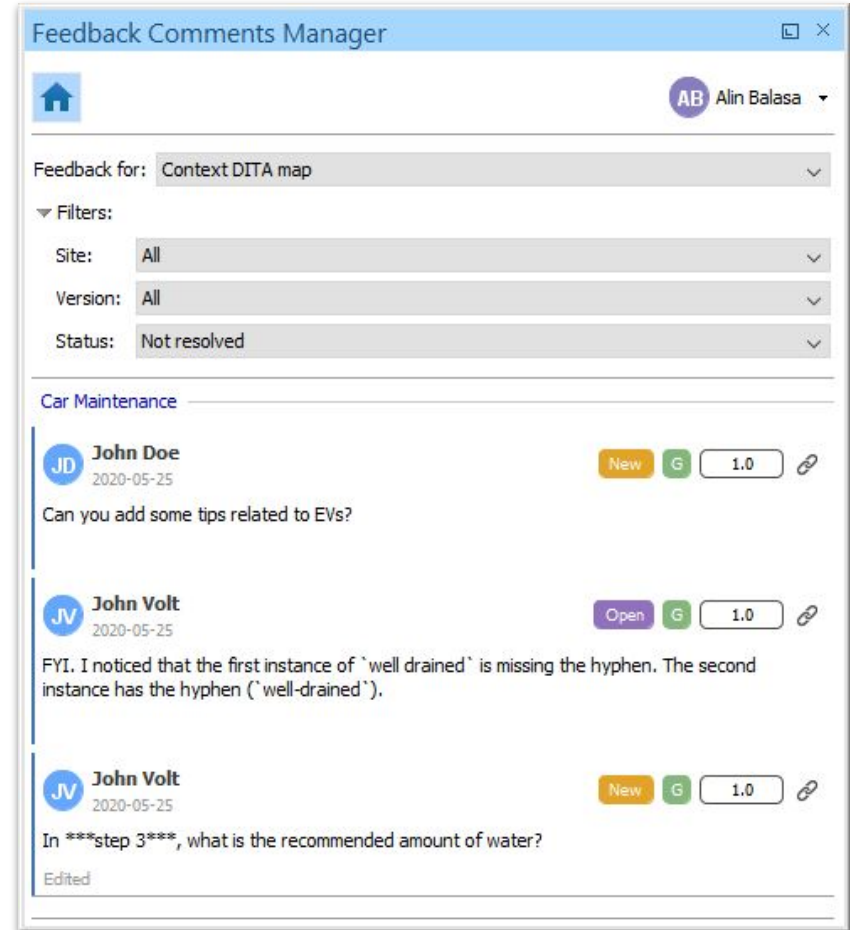
1 Reply  ← Reply

 **Mary**
6 days ago

No, you can use the cloud-based distribution of *Oxygen Feedback* hosted at feedback.oxygenxml.com.

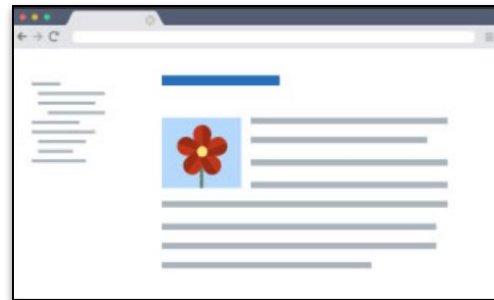
Oxygen Feedback Connector Plugin

- Integrates Oxygen Feedback in Oxygen XML Editor / Author
- Contributes a dedicated view
- 2 display modes:
 - Context DITA Map - displays the comments for the entire publication
 - Current editor - comments associated with the current opened editor (it must be a DITA topic)
- Offers basic comment management actions
- Can trace a comment back to its associated page



Conclusion

- Oxygen offers a complete solution for authoring, publishing and collaboration
 - Use **Oxygen XML Editor** to edit your documentation
 - Use **Oxygen Publishing Engine** to publish your content
 - Use **Oxygen Feedback** as a commenting platform



Thank you!

Any questions?

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