INTRODUCING THE OXYGEN PUBLISHING ENGINE FOR DITA

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What is the Oxygen Publishing Engine?

Publishing Engine = DITA-OT + WebHelp + PDF Chemistry

https://www.oxygenxml.com/publishing_engine/download.html

What is the DITA Open Toolkit?

- DITA Open Toolkit is the open-source implementation of the DITA standard

- Contains Ant, Apache FOP (PDF), Java, Saxon (XSLT), and Xerces libraries

- Defines a lot of default transformations from DITA to many outputs

- Default outputs can be customized

- New transformations can be added

Oxygen Publishing Engine Content
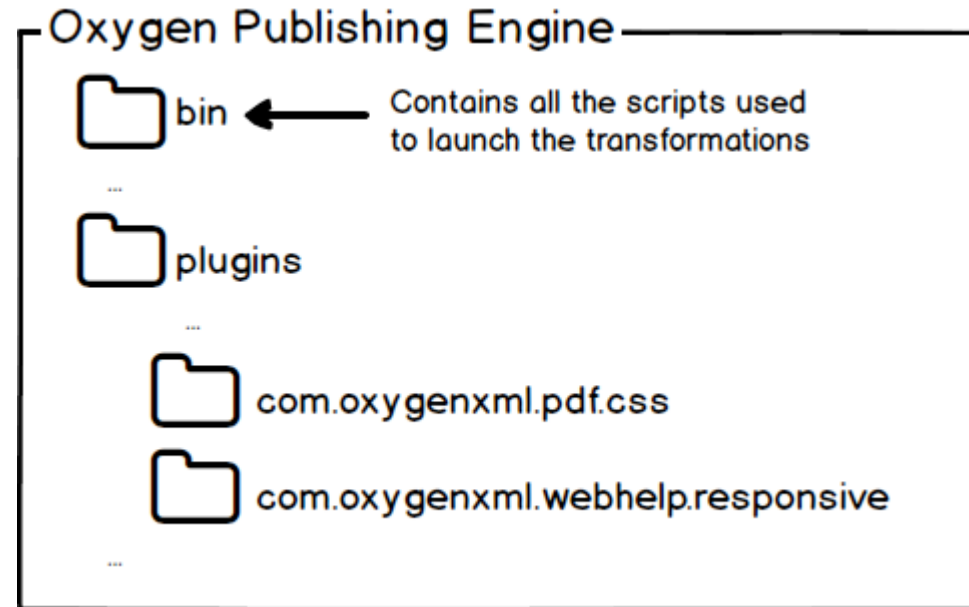
- Used as the default DITA-OT in Oxygen

- Uses a specific license key for publishing using command line for both:
  - PDF outputs using CSS & HTML5
  - WebHelp Responsive outputs

Poll

- How do you intend to use the Oxygen Publishing Engine?

    - Within Oxygen Editor/Author (built-in)

    - With a Continuous Integration Server

    - Other (software integration, etc…)

Oxygen Publishing Engine and Continuous Integration

- Works on most CI Servers

- Pros:
  - Generates the outputs automatically

- Cons:
  - Cannot use the CSS Debugging

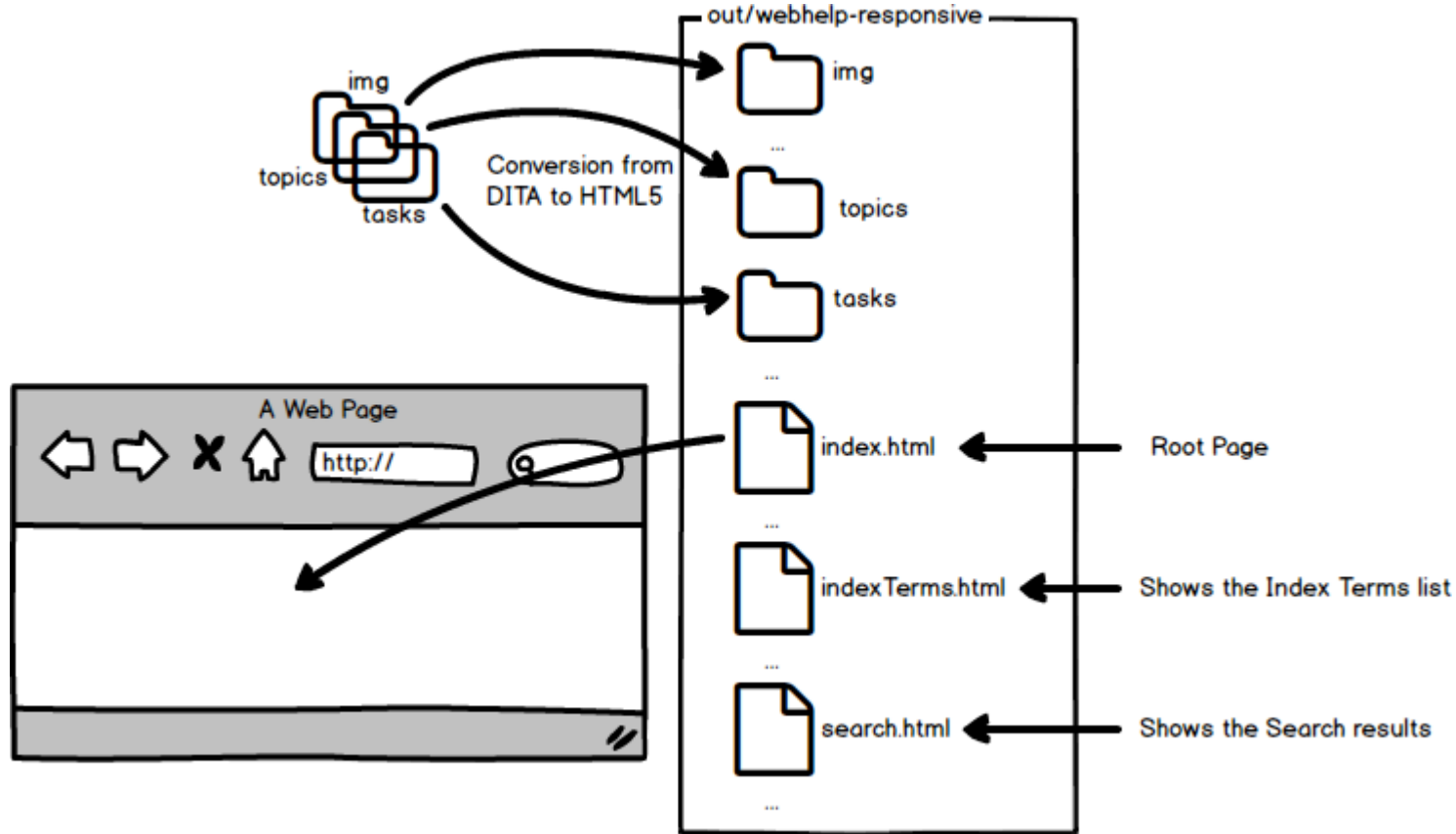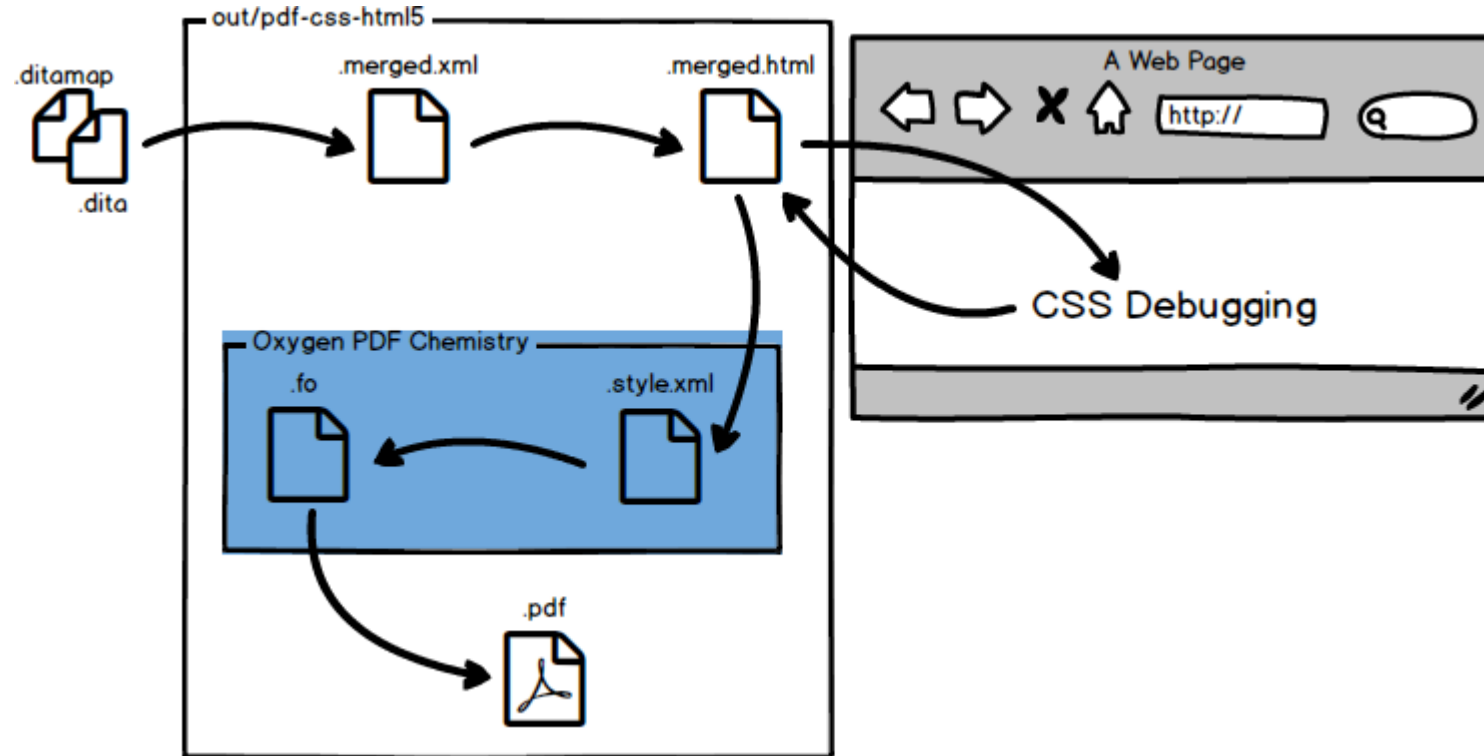 circleci   Travis CI   Jenkins

Poll

- What Continuous Integration Server are you currently using?

  - Jenkins
  - Travis CI
  - Microsoft Team Foundation Server
  - CircleCI
  - Other (write your answers in the chat box)

How does the WebHelp Responsive plugin work?

How does the PDF-CSS & HTML5 plugin work?

Configuring the Workspace

- Created using Oxygen

- Published on GitHub

Configuring the Server

- Define the build machine platform (Windows, Linux, Docker)

- Create the commands and scripts

- Configure the environment (repository credentials, license key, etc.)

- Set the SSH keys for allowing the server to use GitHub

Defining a Publishing Template

- Go to https://styles.oxygenxml.com/

- Select some parameters from the list

- Download the publishing template

- Set the publishing template in the transformation scenario

Setting up WebHelp with the Oxygen Feedback commenting platform integrated

- Go to https://feedback.oxygenxml.com/

- Add a new site configuration

- Select the script generated for output using a command line

- Copy the feedback script and declare the new parameter

THANK YOU!

Any questions?

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