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# Setting up a DITA TC publishing environment

To publish DITA-TC or OASIS styled documents, you need to set up a publishing environment. You easily can do this using Oxygen XML Editor.

## About this task

This procedure installs the DITA TC PDF stylesheets and sets up transformation scenarios for generating the following PDFs:

- DITA TC PDF
- DITA TC PDF with draft comments
- OASIS committee note
- OASIS committee note with draft comments
- OASIS specification
- OASIS specification with draft comments

By default, Apache FOP is set as the PDF rendering engine.

## Procedure

1. Download the latest version of DITA-OT from <https://www.dita-ot.org/download>, and install it on your system.
2. Download and install the DITA TC stylesheets:
  - a) Get the `org.oasis-open.dita.publishing` plug-in from the OASIS Open GitHub repository for DITA stylesheets.  
The URI for the repository is <https://github.com/oasis-open/dita-stylesheets>. We suggest that you fork the repository and create a local clone, but you can just download the plug-in, if you want.
  - b) Copy the `org.oasis-open.dita.publishing` plug-in to the `plugins` directory of the DITA-OT instance that you created in step 1 (1).
  - c) Integrate the plug-in.
3. Copy `DITA-TC-publishing.xpr` to the root of the DITA-OT instance that you created in step 1 (1).

This Oxygen project file contains transformation scenarios. It is located at `dita-TC-SVN\trunk\administration\publishing\`, where `dita-TC-SVN` is the location of your DITA-TC SVN installation.

4. Open `DITA-TC-publishing.xpr` and edit it to specify the following parameters

Option	Action
Location of DITA-OT	Click <b>Options &gt; Preferences</b> , and save the location of your DITA-OT to the project.
Location of specification DITAVAL	Edit the specification transformation scenarios, and specify the location of <code>DITA2.0-spec.ditaval</code> on your system.
PDF rendering engine	Edit the transformation scenarios, and specify the PDF rendering engine that you want to use.