

Configuring Oxygen to Validate from Catalog-referenced DTDs

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1. Audience

Users of the [Oxygen](#) XML editor.

2. Purpose

To enable Oxygen to validate documents whose DTDs are referenced in catalog files.

3. Prerequisites

- Installed [Oxygen](#) XML Editor, either as standalone application or Eclipse plugin.

4. Configuring Oxygen to Validate from Catalog-referenced DTDs

The [Oxygen XML editor](#), whether used in the [Eclipse](#) IDE or in standalone mode, can be configured to locate DTDs from a catalog file rather than from direct references to the DTD on your filesystem or on the internet via a URL.

The example used in this HowTo document refers to catalog files for [Forrest](#); on the Forrest site you can find some background information on [Forrest-specific usage of catalog files](#). A more [general article on catalogs](#) can be found on the [Apache XML-Commons site](#).

4.1. Configuring Oxygen to use Catalog files from within Eclipse

Before you begin these steps, be sure you know where on your filesystem the catalog files that contain references of interest are located. Example: know where Forrest is installed on your system (UC Berkeley developers are able to check out Forrest from code repositories on [canvas.berkeley.edu](#) and - coming soon - [svn.berkeley.edu](#)).

- In Eclipse, navigate to the Preferences dialog (Window: Preferences)
- In the Preferences dialog, navigate to Oxygen's XML Catalog settings pane (Oxygen : XML : XML Catalog)
- Add references to the XML Catalogs you wish to add. For example, if Forrest is installed in C:\workspace\apache-forrest-0.7, the reference to Forrest's main catalog would be

```
file:/C:/workspace/apache-forrest-0.7/main/webapp/resources/schema/catalog.xcat
```

- Close and restart Eclipse.

4.2. Configuring standalone Oxygen to use Catalog files

Open Oxygen, navigate to **Tools : External Tools : Preferences** and open the preferences tree to **XML : XML Catalog** (make sure that there's no text in the search-filter text box at the top of the tree). Add references to the XML Catalogs you wish to add as described in the section on configuring Oxygen from within Eclipse, above.