XML Document Type Definition (DTD)
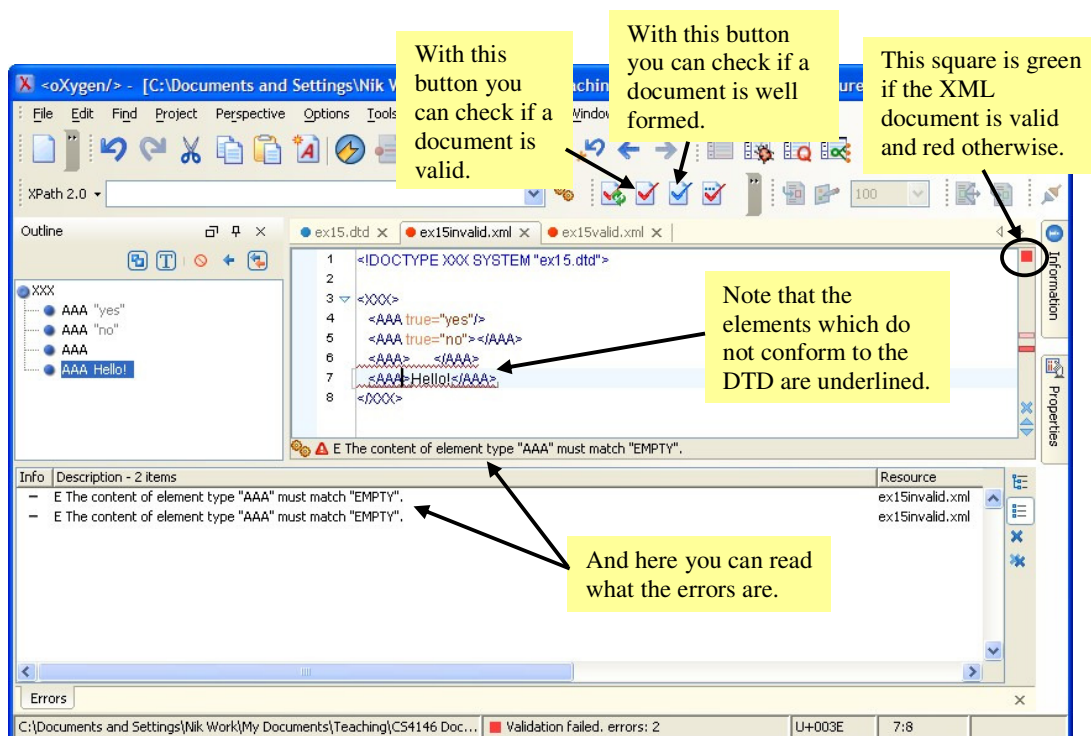
Step 1. Open http://www.zvon.org/xxl/DTDTutorial/General/contents.html. This is a DTD tutorial provided by www.zvon.org. Each of the 15 examples contains a DTD and some XML documents. Go through all of the examples and make sure you understand them.

Step 2. Open http://www.csis.ul.ie/coursemodule/CS4146/?wkid=4 and download the file `lab03files.zip`. Unzip `lab03files.zip` in a folder called `lab03`. You should have the following five files in the folder:

- `ex15.dtd; ex15valid.xml; ex15invalid.xml`
- `valid01.xml; valid02.xml; invalid.xml`

Step 3. Open the files `ex15.dtd`, `ex15valid.xml`, and `ex15invalid.xml` with Oxygen.

Step 4. Note that `ex15.dtd`, `ex15valid.xml`, and `ex15invalid.xml` contain the code from example 15 in the DTD tutorial. Oxygen will automatically try to validate the XML documents against the DTD (there is also a button that you can use to validate XML documents). Valid XML documents have a greed square in their upper right cornet, and invalid documents have a red square.

Step 5. Now open `valid01.xml`, `valid02.xml`, and `invalid.xml` with Oxygen. Your task is to write a DTD file called `film.dtd` such that `valid01.xml` and `valid02.xml` conform to it, and `invalid.xml` does not.