

Here is the XML file books.xml

```
<?xml version="1.0" standalone="no"?>
<?xml-stylesheet type="text/xsl" href="books.xsl"?>
<!DOCTYPE Books SYSTEM "booklist.dtd">
<!-- Here begins the actual XML data -->
<books>
  <book>
    <title>Extra News about XML</title>
    <author>Fred Bloggs</author>
    <isbn>123456</isbn>
  </book>
  <book>
    <title>XML for beginners</title>
    <author>Ray Tommhos</author>
    <isbn>066585</isbn>
  </book>
  <book>
    <title>What is XML?</title>
    <author>Lizzie Smith</author>
    <isbn>155454</isbn>
  </book>
  <book>
    <title>Beyond XML</title>
    <author>Richard Haverling</author>
    <isbn>78484</isbn>
  </book>
  <book>
    <title>XML for Monkeys</title>
    <author>Linda Crew</author>
    <isbn>8665783456</isbn>
  </book>
  <book>
    <title>Overhead with Tags</title>
    <author>Mandy Bluecoat</author>
    <isbn>345345</isbn>
  </book>
</books>
```

Here is the DTD file booklist.dtd

```
<?xml version="1.0" encoding="UTF-8"?>
<!ELEMENT books (book)>
<!ELEMENT book (title,author,isbn)>
<!ELEMENT title (#PCDATA)>
<!ELEMENT author (#PCDATA)>
<!ELEMENT isbn (#PCDATA)>
```

Here is web page:

Title	Author	ISBN
Extra News about XML	Fred Bloggs	123456
XML for beginners	Ray Tommhos	066585
What is XML?	Lizzie Smith	155454
Beyond XML	Richard Haverling	78484
XML for Monkeys	Linda Crew	8665783456
Overhead with Tags	Mandy Bluecoat	345345

Chris Jennings

Here is the XSL file books.xsl

```
<?xml version='1.0'?>
<xsl:stylesheet version="1.0" xmlns:xsl="http://
www.w3.org/1999/XSL/Transform">
  <xsl:template match="/books">
    <html>
      <body>
        <table border="2">
          <tr>
            <td><strong>Title</strong></td>
            <td><strong>Author</strong></td>
            <td><strong>ISBN</strong></td>
          </tr>
          <xsl:for-each select="book">
            <tr>
              <td><xsl:value-of select="title"/></td>
              <td><xsl:value-of select="author"/></td>
              <td><xsl:value-of select="isbn"/></td>
            </tr>
          </xsl:for-each>
        </table>
      </body>
    </html>
  </xsl:template>
</xsl:stylesheet>
```

XML is everywhere

- **DocBook** is a SCHEMA that is in use by a lot of publishers. It includes a public DTD that defines a taxonomy.
- **RSS** (Real Simple Syndication) is a web feed technology that is specified in XML format.
- XML is also used to keep user data and configuration information. eg, **plist**
- DTDs can be Open Source and enhanced through time
- XHTML versions (held by **w3.org**) are public DTDs
- ONIX is XML to store metadata about books