

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 Havering</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 Havering | 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