New Perspectives on XML Comprehensive, 3rd Edition

Additional Project

Tutorial 4

Jenna has been working on creating a DVD library where she can list all of the DVDs that she has. Some she bought herself, others were gifts from her mom, dad, sister, grandpa, and grandma. The root element for her library is dvdlibrary with one or more dvd elements. Each dvd has a title, description, year, company, favorite characters, favorite bonus features, and purchase information. Her characters elements each have one or more character elements. Her bonus elements each have one or more features. Her purchased elements each have price, location, and date. The dvd element has two attributes, bonus element has one attribute, and the purchased element has no attributes.

Jenna wishes to create a flat catalog schema for them.

1. Using your text editor, open***dvdlibrary.txt***.Review the contents to familiarize yourself with the structure of the XML file.
2. Add a comment in the prolog with a description of the file, your name, date, and the filename.
3. Save the file as ***dvdlibrary.xml***.
4. Using your text editor, create a schema file named ***dvdlibrary.xsd***that can be used to validate the content from the ***dvdlibrary.xml***. Use the Flat Catalog design layout.
5. Add a comment in the prolog with a description of the file, your name, date, and the filename.
6. Save the file as ***dvdlibrary.xsd***.
7. Open ***dvdlibrary.xml***, if not already open.Within the opening <dvdlibrary> tag, add the attribute **xsi:noNameSpaceSchemaLocation=”dvdlibrary.xsd”** on its own line.
8. Save your changes to all files.
9. Validate the ***dvdlibrary.xml*** file. Correct any reported errors to the XML and XSD files to make them valid.
10. Submit the completed files to your instructor.