# **Fundamentals of Data Management**

Pass Task 2.1.2: Semi-Structured Data: XML and JSON

### **Overview**

In this tutorial, you'll create and guery an XML document and translate it to JSON.

#### <u>Purpose</u>

Learn how to create and navigate tree-structured data formats. Acquaint yourself with the XML and JSON formats.

#### Task

Use a text editor (such as Notepad++ to construct your answers to the questions below. Test your XQuery expressions on the web site shown under 'Resources'.

#### Time

This task should be completed before end of your second lab class and submitted for feedback.

#### Resources

- Online resources, e.g.
  - <a href="http://www.w3schools.com/xquery/xquery\_example.asp">http://www.w3schools.com/xquery/xquery\_example.asp</a> (XQuery)
  - http://www.tutorialspoint.com/xquery/index.htm (XQuery)
- Web site for trialling XQuery expressions:
  - http://videlibri.sourceforge.net/cgi-bin/xidelcgi

#### **Feedback**

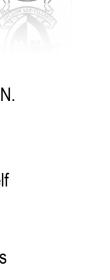
Discuss your solutions with the tutorial instructor.

#### Next

Get started on Task 2.1.3.

### Pass Task 2.1.2 — Submission Details and Assessment Criteria

Document your solutions using a word processor and upload as pdf to Doubtfire. The tutors will discuss the solution with you in the lab.





## Subtask 2.1.2

Write a simple XQuery that returns all the book titles. Test the query using the web site (or another XQuery evaluator).

Document the query and upload.

