QTP WORKING WITH XML

What is an XML?

XML is a markup language designed for how to store data that is in the form that both human and machine readable format. Using XML, data can also be easily exchanged between computer and database systems.

Sample XML and their key elements are represented below:
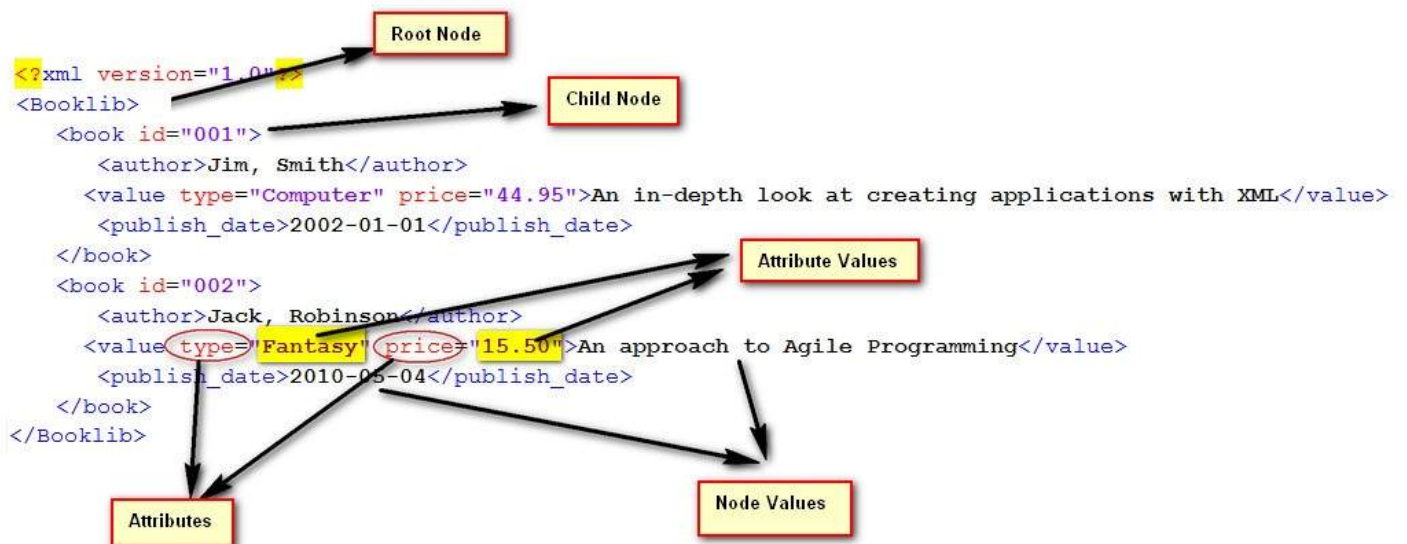
Accessing XML

```
Const XMLDataFile = "C:\TestData.xml"
Set xmlDoc = CreateObject("Microsoft.XMLDOM")
xmlDoc.Async = False
xmlDoc.Load(XMLDataFile)

' Getting the number of Nodes (books)
Set nodes = xmlDoc.SelectNodes("/bookstore/book")
Print "Total books: " & nodes.Length     ' Displays 2


' get all titles
Set nodes = xmlDoc.SelectNodes("/Booklib/book/value/text()")

' get their values
For i = 0 To (nodes.Length - 1)
    Title = nodes(i).NodeValue
    Print "Title is" & (i + 1) & ": " & Title
Next
```

Comparing XML

We can compare Two given xml's.

```
Dim xmlDoc1
Dim xmlDoc2

' Load the XML Files
Set xmlDoc1 = XMLUtil.CreateXMLFromFile ("C:\File1.xml")
Set xmlDoc2 = XMLUtil.CreateXMLFromFile ("C:\File2.xml")

'Use the compare method of the XML to check if they are equivalent
Comp = xmlDoc1.Compare (xmlDoc1, xmlDoc2)
```

```
'Returns 1 if the two files are the same
If Comp = 1 Then
    Msgbox "XML Files are the Same"
Else
    Msgbox "XML Files are Different"
End if
```