Mark Coyle

Chap_ 7_ex-2


```
F:\CIS 260\books.html
```

```
Everyday Italian
Harry Potter
XQuery Kick Start
Learning XML
```

(partial left-side code fragments:)

```
:>
low.
. =
; =
d("
"/b
:Pro
= do
= 0
it.w
it.w
```



```
var xml = '<?xml version="1.0
var doc = new ActiveXObject("
doc.load("books.xml");
path ="//*[name()='price']";
doc.setProperty("SelectionLan
nodes = doc.selectNodes(path)
for (i = 0; i < nodes.length;
document.write(nodes[i].child
document.write("<br>");
}
}
else
```

```
F:
30.00
29.99
49.99
39.95
```

```javascript
var doc = new ActiveXObject("Msxml2.DO
doc.load("books.xml");
path ="//*[starts-with(name(),'b')]";
doc.setProperty("SelectionLanguage", "
nodes = doc.selectNodes(path);
for (i = 0; i < nodes.length; i++) {
document.write(nodes[i].childNodes[0].
document.write("<br>");
}
}
else
{
var x=loadXMLDoc("books.xml");
var xml=x.responseXML;
```

bookstore1
book1
book2
book3
book4

```javascript
{
var xml = '<?xml version="1.0"?><book>
var doc = new ActiveXObject("Msxml2.DO
doc.load("books.xml");
path = "/bookstore/book[2]/child::*";
doc.setProperty("SelectionLanguage", "
nodes = doc.selectNodes(path);
for (i = 0; i < nodes.length; i++) {
document.write(nodes[i].childNodes[0].
document.write("<br>");
}
}
```

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Harry Potter
J K. Rowling
2005
29.99

```javascript
var xml = '<?xml version="1.0"?><book><author select="test
var doc = new ActiveXObject("Msxml2.DOMDocument.6.0");
doc.load("books.xml");
path = " /bookstore/book[price='49.99']/title/parent::*"
doc.setProperty("SelectionLanguage", "XPath");
nodes = doc.selectNodes(path);
for (i = 0; i < nodes.length; i++) {
document.write(nodes[i].childNodes[0].nodeValue);
document.write("<br>");
}
}
else
{
```

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book3

```javascript
var doc = new ActiveXObject("Msxml2.DOMDocument.6.0");
doc.load("books.xml");
path =   "/bookstore/book[price = '49.99']/preceding-sibling::*"
doc.setProperty("SelectionLanguage", "XPath");
nodes = doc.selectNodes(path);
for (i = 0; i < nodes.length; i++) {
document.write(nodes[i].childNodes[0].nodeValue);
document.write("<br>");
}
}
else
{
var x=loadXMLDoc("books.xml");
```

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book1
book2

```javascript
var doc = new ActiveXObject("Msxml2.DOMDocument.6.0
doc.load("books.xml");
path = "//title[@lang='de']/ancestor-or-self::*"
doc.setProperty("SelectionLanguage", "XPath");
nodes = doc.selectNodes(path);
for (i = 0; i < nodes.length; i++) {
document.write(nodes[i].childNodes[0].nodeValue);
document.write("<br>");
}
}
else
{
var x=loadXMLDoc("books.xml");
var xml=x.responseXML;

path="/bookstore/book/title";
var nodes=xml.evaluate(path, xml, null, XPathResult
```

F:\CIS 260\Chap_7-2\books.htr

bookstore1
book3
XQuery Kick Start

```javascript
if(window.ActiveXObject || "ActiveXObject" in window)
{
var xml = '<?xml version="1.0"?><book><author se
var doc = new ActiveXObject("Msxml2.DOMDocument.
doc.load("books.xml");
path = "//title[@lang='de']/ancestor::*"
doc.setProperty("SelectionLanguage", "XPath");
nodes = doc.selectNodes(path);
for (i = 0; i < nodes.length; i++) {
document.write(nodes[i].childNodes[0].nodeValue)
document.write("<br>");
}
}
else
{
```

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bookstore1
book3

```javascript
{
  var xml = '<?xml version="1.0"?><book><author se
  var doc = new ActiveXObject("Msxml2.DOMDocument.
  doc.load("books.xml");
  path =   " //book[2]/following::*"
  doc.setProperty("SelectionLanguage", "XPath");
  nodes = doc.selectNodes(path);
  for (i = 0; i < nodes.length; i++) {
  document.write(nodes[i].childNodes[0].nodeValue)
  document.write("<br>");
  }
  }
  else
{
  var x=loadXMLDoc("books.xml");
  var xml=x.responseXML;

  path="/bookstore/book/title";
  var nodes=xml.evaluate(path, xml, null, XPathRes
  var result=nodes.iterateNext();
  while (result)
{
  document.write(result.childNodes[0].nodeValue);
```

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book3
XQuery Kick Start
James McGovern
Per Bothner
Kurt Cagle
James Linn
Vaidyanathan Nagarajan
2003
49.99
book4
Learning XML
Erik T. Ray
2003
39.95

```javascript
if(window.ActiveXObject || "ActiveXObject" in window)
{
  var xml = '<?xml version="1.0"?><book><author se
  var doc = new ActiveXObject("Msxml2.DOMDocument.
  doc.load("books.xml");
  path =   " //book[2]/preceding::*"
  doc.setProperty("SelectionLanguage", "XPath");
  nodes = doc.selectNodes(path);
  for (i = 0; i < nodes.length; i++) {
  document.write(nodes[i].childNodes[0].nodeValue)
  document.write("<br>");
  }
  }
```

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book1
Everyday Italian
Giada De Laurentiis
2005
30.00

```
 7      var xml = '<?xml version="1.0"?><book><author
 8      var doc = new ActiveXObject("Msxml2.DOMDocume
 9      doc.load("books.xml");
10      path =  "//*[count(*)= '4']"
11      doc.setProperty("SelectionLanguage", "XPath")
12      nodes = doc.selectNodes(path);
13      for (i = 0; i < nodes.length; i++) {
14      document.write(nodes[i].childNodes[0].nodeVal
15      document.write("<br>");
16      }
17      }
18      else
19      {
20      var x=loadXMLDoc("books.xml");
21      var xml=x.responseXML;
22
```

bookstore1
book1
book2
book4

```
<html>
<body>
<script>
 if(window.ActiveXObject || "ActiveXObject" in
 {
 var xml = '<?xml version="1.0"?><book><author
 var doc = new ActiveXObject("Msxml2.DOMDocume
 doc.load("books.xml");
 path =  "//*[count(*)= '8']"
 doc.setProperty("SelectionLanguage", "XPath")
 nodes = doc.selectNodes(path);
 for (i = 0; i < nodes.length; i++) {
 document.write(nodes[i].childNodes[0].nodeVal
```

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book3