

```
1: <?xml version="1.0"?>
2: <lectures>
3:   <lecture number="0">
4:     <title>HTTP</title>
5:     <dates>Monday, 30 August 2010</dates>
6:     <resources>
7:       <resource name="Slides">
8:         <format path="lecture0.pdf" label="PDF"/>
9:       </resource>
10:      <resource name="Syllabus">
11:        <format path="/syllabus/syllabus.pdf" label="PDF"/>
12:      </resource>
13:      <resource name="Video">
14:        <format path="http://cm.dce.harvard.edu/2011/01/13394/L01" label="Flash (SD)"/>
15:        <format path="http://cs75.tv/2010/fall/lectures/0/lecture0.mp4" label="MP4 (HD)"/>
16:      </resource>
17:    </resources>
18:  </lecture>
19:  <lecture number="1">
20:    <title>PHP</title>
21:    <dates>Monday, 13 September 2010</dates>
22:    <resources>
23:      <resource name="Slides">
24:        <format path="lecture1.pdf" label="PDF"/>
25:      </resource>
26:      <resource name="Source Code">
27:        <format path="src" label="index"/>
28:        <format path="src1.zip" label="ZIP"/>
29:      </resource>
30:      <resource name="Video">
31:        <format path="http://cm.dce.harvard.edu/2011/01/13394/L02" label="Flash (SD)"/>
32:        <format path="http://cs75.tv/2010/fall/lectures/1/lecture1.mp4" label="MP4 (HD)"/>
33:      </resource>
34:    </resources>
35:  </lecture>
36:  <lecture number="2">
37:    <title>PHP, Continued</title>
38:    <dates>Monday, 20 September 2010</dates>
39:    <resources>
40:      <resource name="Slides">
41:        <format path="lecture2.pdf" label="PDF"/>
42:      </resource>
43:      <resource name="Source Code">
44:        <format path="src" label="index"/>
45:        <format path="src2.zip" label="ZIP"/>
46:      </resource>
47:      <resource name="Video">
```

```
48:        <format path="http://cm.dce.harvard.edu/2011/01/13394/L03" label="Flash (SD)"/>
49:        <format path="http://cs75.tv/2010/fall/lectures/2/lecture2.mp4" label="MP4 (HD)"/>
50:      </resource>
51:    </resources>
52:  </lecture>
53: </lectures>
```

```
1: <?
2:   $dom = simplexml_load_file("lectures.xml");
3: ?>
4:
5: <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional
.dtd">
6:
7: <html xmlns="http://www.w3.org/1999/xhtml">
8:   <head>
9:     <title>Lectures</title>
10:   </head>
11:   <body>
12:     <h1>Lectures</h1>
13:     <ul>
14:       <?
15:         foreach ($dom->lecture as $lecture)
16:           {
17:             print("<li>");
18:             print($lecture["number"]);
19:             print(": ");
20:             print($lecture->title);
21:             print("<ul>");
22:             foreach ($lecture->resources->resource as $resource)
23:               {
24:                 print("<li>");
25:                 print($resource["name"]);
26:                 print(": ");
27:                 foreach ($resource->format as $format)
28:                   {
29:                     $path = $format["path"];
30:                     print("<a href=\"\$path\">");
31:                     print($format["label"]);
32:                     print("</a>");
33:                     print(" | ");
34:                   }
35:                 print("</li>");
36:               }
37:             print("</ul>");
38:             print("</li>");
39:           }
40:       ?>
41:     </ul>
42:   </body>
43: </html>
```

```
1: <?
2:   $dom = simplexml_load_file("http://feeds.nytimes.com/nyt/rss/internet");
3: ?>
4:
5: <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional
.dtd">
6:
7: <html xmlns="http://www.w3.org/1999/xhtml">
8:   <head>
9:     <title>NYT</title>
10:   </head>
11:   <body>
12:     <h1>NYT</h1>
13:     <ul>
14:       <? foreach ($dom->channel->item as $item): ?>
15:
16:         <li><a href="<?=$item->link ?>"><?=$item->title ?></a></li>
17:
18:       <? endforeach ?>
19:     </ul>
20:   </body>
21: </html>
```