

# Practical XML & XSLT: Examples

Roy Tennant

## one.xml

```
<?xml version="1.0" encoding="utf-8"?>
<test>

<creator>Roy Tennant</creator>

<title>This is a Test</title>

<description>This is only a test.</description>

<source>Practical XML and XSLT Workshop</source>

</test>
```

## onea.xml

```
<?xml version="1.0" encoding="utf-8"?>
<?xml-stylesheet type="text/css" href="style2.css"?>
<test>

<creator>Tennant, Roy</creator>

<title>This is a Test</title>

<description>This is only a test.</description>

<source>Practical XML and XSLT Workshop</source>

</test>
```

## style.css

```
body {
    font-family: arial, sans-serif;
}

h1, h2, h3 {
    color: #005A9C;
}
```

## style2.css

```
test {
    font-family: arial, sans-serif;
}

creator {
    display: inline;
    color: #005A9C;
}

title {
    display: inline;
    color: red;
}

source {
    display: block;
}
```

## pull.xslt [ to illustrate the "pull" processing method ]

```
<xsl:stylesheet version="1.1"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<xsl:output method="html" media-type="text/html"/>

<xsl:template match="/">
<html>
<head>
```

```

<title><xsl:value-of select="//title"/></title>

<link type="text/css" rel="stylesheet" href="style2.css" />
</head>
<body>

<h3><xsl:value-of select="//title"/></h3>
By <xsl:value-of select="//creator"/> for <cite><xsl:value-of
select="//source"/></cite>

<blockquote><xsl:value-of select="//description"/></blockquote>

</body>
</html>

</xsl:template>

</xsl:stylesheet>

```

**push.xslt** [ to illustrate the "push" processing method ]

```

<xsl:stylesheet version="1.1"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">

<xsl:output method="html" media-type="text/html"/>

<xsl:template match="/">
<html>
<head>

<title><xsl:value-of select="//title"/></title>

<link type="text/css" rel="stylesheet" href="style.css" />
</head>
<body>

<xsl:apply-templates/>

</body>
</html>

</xsl:template>

```

```

<xsl:template match="title">
<h3><xsl:value-of select="//title"/></h3>
</xsl:template>

<xsl:template match="creator">
By <xsl:value-of select="//creator"/>
</xsl:template>

<xsl:template match="source">
<cite><xsl:value-of select="//source"/></cite>
</xsl:template>

<xsl:template match="description">
<blockquote><xsl:value-of select="//description"/></blockquote>
</xsl:template>

</xsl:stylesheet>

```

## xml.cgi

```

#!/usr/bin/perl # change to your location of Perl

require('/Library/WebServer/CGI-Executables/lib.pl'); # has the get_data routine
&get_data;

if ($FORM{'xslt'} =~ /\w/) {
    $xslt = "/Library/WebServer/Documents/il2004/xml/" . $FORM{'xslt'};
    $xml = "/Library/WebServer/Documents/il2004/xml/" . $FORM{'xml'};
    @test = `/Users/rtenant/bin/xsltproc $xslt $xml`;
    print "Content-type: text/html\n\n";
    foreach $thing (@test) {
        print "$thing";
    }
} else {
    print "Content-type: text/html\n\n";
    print "<h3>Script usage: xml.cgi?xslt=<font
color=red>XSLTFILENAME</font>&xml=<font
color=red>XMLFILENAME</font></h3>\n";
}

```