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With XSLT you can transform an XML document into HTML.

Displaying XML with XSLT

XSLT (eXtensible Stylesheet Language Transformations) is the recommended style sheet language for XML.

XSLT is far more sophisticated than CSS. With XSLT you can add/remove elements and attributes to or from the output file. You can also rearrange and sort elements, perform tests and make decisions about which elements to hide and display, and a lot more.

XSLT uses XPath to find information in an XML document.

XML DOM

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DOM Node Types

DOM Node

DOM NodeList

DOM NamedNodeMap

DOM Document

XSLT Example

We will use the following XML document:

```
<?xml version="1.0" encoding="UTF-8"?>
<breakfast menu>
<food>
<name>Belgian Waffles
<price>$5.95</price>
<description>Two of our famous Belgian Waffles with plenty of real
maple syrup</description>
<calories>650</calories>
</food>
<food>
<name>Strawberry Belgian Waffles
<price>$7.95</price>
<description>Light Belgian waffles covered with strawberries and
whipped cream</description>
<calories>900</calories>
</food>
<food>
<name>Berry-Berry Belgian Waffles
<price>$8.95</price>
<description>Light Belgian waffles covered with an assortment of fresh
berries and whipped cream</description>
<calories>900</calories>
```

DOM Element

DOM Attribute

DOM Text

DOM CDATA

DOM Comment

DOM XMLHttpRequest

DOM Parser

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XML SOAP

XML RDF

XML RSS

XML DTD

DTD Intro

DTD Building Blocks

DTD Elements

DTD Attributes

DTD Elements vs Attr

DTD Entities

DTD Examples

XSD Schema

```
</food>
<food>
<name>French Toast
<price>$4.50</price>
<description>Thick slices made from our homemade sourdough
bread</description>
<calories>600</calories>
</food>
<food>
<name>Homestyle Breakfast
<price>$6.95</price>
<description>Two eggs, bacon or sausage, toast, and our ever-popular
hash browns</description>
<calories>950</calories>
</food>
</breakfast menu>
```

Use XSLT to transform XML into HTML, before it is displayed in a browser:

Example XSLT Stylesheet:

```
<?xml version="1.0" encoding="UTF-8"?>
<html xsl:version="1.0"
xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
<body style="font-family:Arial;font-size:12pt;background-")</pre>
```

XSD Intro

XSD Why Use

XSD How To

XSD <schema>

XSD Simple

XSD Elements

XSD Attributes

XSD Restrictions

XSD Complex

XSD Elements

XSD Empty

XSD Elements Only

XSD Text Only

XSD Mixed

XSD Indicators

XSD <any>

XSD <anyAttribute>

XSD Substitution

XSD Example

XSD Data

XSD String

XSD Date

```
color:#EEEEEE">
<xsl:for-each select="breakfast menu/food">
  <div style="background-color:teal;color:white;padding:4px">
    <span style="font-weight:bold"><xsl:value-of select="name"/> -
</span>
   <xsl:value-of select="price"/>
    </div>
  <div style="margin-left:20px;margin-bottom:1em;font-size:10pt">
    >
   <xsl:value-of select="description"/>
    <span style="font-style:italic"> (<xsl:value-of select="calories"/>
calories per serving)
    </div>
</xsl:for-each>
</body>
</html>
Transform the XML Document with XSLT »
```

If you want to learn more about XSLT, find our XSLT tutorial on our homepage.

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XSD Numeric

XSD Misc

XSD References

XSD Reference



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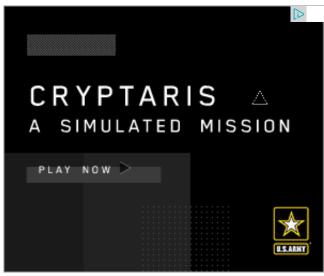












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