**employees.xml**

<?xml version="1.0" encoding="UTF-8"?>

<?xml-stylesheet type="text/xsl" href="employees.xsl"?>

<!DOCTYPE employees SYSTEM "employees.dtd">

<employees>

<employee id="E001">

<name>John Doe</name>

<title>Software Developer</title>

<department>Technology</department>

<email>john.doe@example.com</email>

</employee>

<employee id="E002">

<name>Jane Smith</name>

<title>Project Manager</title>

<department>Project Management</department>

<email>jane.smith@example.com</email>

</employee>

<employee id="E003">

<name>Karl Marx</name>

<title>Senior Manager</title>

<department>Project Management</department>

<email>marx.karl@example.com</email>

</employee>

</employees>

**employees.dtd**

<!ELEMENT employees (employee\*)>

<!ELEMENT employee (name, title, department, email)>

<!ATTLIST employee id ID #REQUIRED>

<!ELEMENT name (#PCDATA)>

<!ELEMENT title (#PCDATA)>

<!ELEMENT department (#PCDATA)>

<!ELEMENT email (#PCDATA)>

**employees.xsl**

<?xml version="1.0" encoding="UTF-8"?>

<xsl:stylesheet version="1.0"

xmlns:xsl="http://www.w3.org/1999/XSL/Transform">

<xsl:template match="/">

<html>

<head>

<style>

table {

width: 100%;

border-collapse: collapse;

}

th, td {

border: 1px solid black;

padding: 8px;

text-align: left;

}

th {

background-color: #f2f2f2;

}

</style>

</head>

<body>

<h2>Employee Directory</h2>

<table>

<tr>

<th>ID</th>

<th>Name</th>

<th>Title</th>

<th>Department</th>

<th>Email</th>

</tr>

<xsl:for-each select="employees/employee">

<tr>

<td><xsl:value-of select="@id"/></td>

<td><xsl:value-of select="name"/></td>

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

<td><xsl:value-of select="department"/></td>

<td><xsl:value-of select="email"/></td>

</tr>

</xsl:for-each>

</table>

</body>

</html>

</xsl:template>

</xsl:stylesheet>

A screenshot of a computer

Description automatically generated