[Your name]

[Street]

[City, State ZIP]

Friday, December 11, 2009

[Addressee name]

[Street number] [Street]

[City], [State] [ZIP]

Subject: [Subject]

Dear [Addressee name]

This is an example for a word processing document with an associated XML schema file. The XSD-file defines tags identifying the formal information about the addressee like shown below:

<?xml version="1.0" encoding="UTF-8"?>  
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"   
 xmlns:cxml="htp://mycompany.org/myXML"  
 targetNamespace="htp://mycompany.org/myXML">  
  
 <!-- Subject of a letter -->  
 <xs:element name="subject" type="cxml:t\_subject"></xs:element>  
 <xs:simpleType name="t\_subject">  
 <xs:restriction base="xs:string"/>  
 </xs:simpleType>  
 <!-- Send date -->  
 <xs:element name="date" type="cxml:t\_date"/>  
 <xs:simpleType name="t\_date">  
 <xs:restriction base="xs:string"/>   
 </xs:simpleType>  
 <!-- Addressee -->  
 <xs:element name="addresse" type="cxml:t\_addressee"/>  
 <xs:complexType name="t\_addressee">  
 <xs:sequence>  
 <xs:element name="name" type="xs:string"/>  
 <xs:element name="number" type="xs:string"/>  
 <xs:element name="street" type="xs:string"/>  
 <xs:element name="city" type="xs:string"/>  
 <xs:element name="state" type="xs:string"/>  
 <xs:element name="zip" type="xs:string"/>  
 </xs:sequence>  
 </xs:complexType>  
 <!-- Info about an letter -->  
<xs:element name="info" type="cxml:t\_info"/>  
 <xs:complexType name="t\_info">  
 <xs:sequence>  
 <xs:element name="date" type="cxml:t\_date"/>  
 <xs:element name="addressee" type="cxml:t\_addressee"/>  
 <xs:element name="subject" type="cxml:t\_subject"/>  
 </xs:sequence>  
 </xs:complexType>  
</xs:schema>

This structure has been assigned to the header of the letter as shown in the screenshot in Figure 1 that has been generated using the "developer mode" of this example.

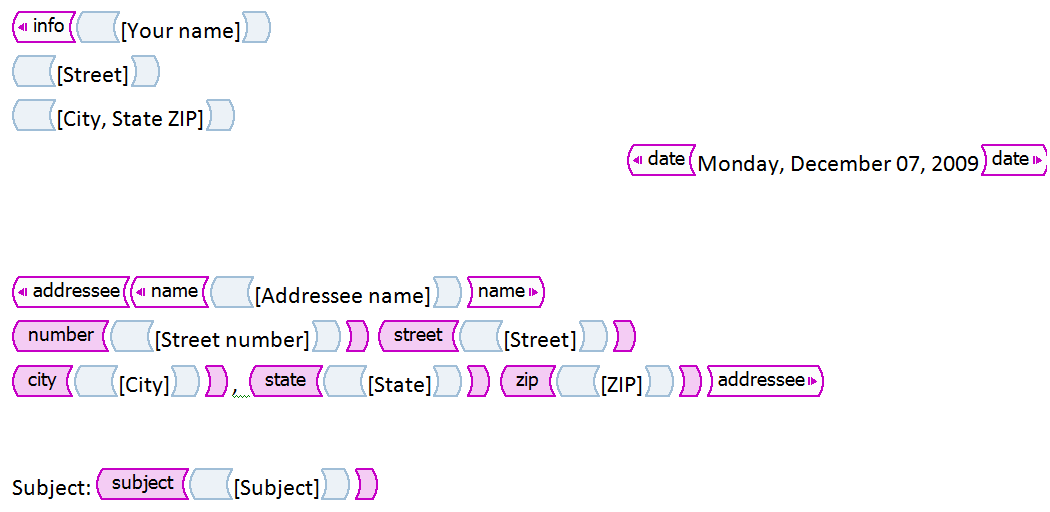


Figure : Screenshot showing the header of this document

The XML parts of the document can be saved as a separate XML file. In this example the XML file looks as follows:

<?xml version="1.0" encoding="UTF-8" standalone="no"?>  
<info xmlns="htp://mycompany.org/myXML">  
 <date xmlns="">Monday, December 07, 2009</date>  
 <addressee xmlns="">  
 <name>[Addressee name]</name>  
 <number>[Street number]</number>  
 <street>[Street]</street>  
 <city>[City]</city>  
 <state>[State]</state>  
 <zip>[ZIP]</zip>  
 </addressee>  
 <subject xmlns="">[Subject]</subject>  
</info>

This file contains exactly the placeholders that have been defined in this template. The remaining text of the document has been ignored due to a corresponding definition of an XML attribute.

[Regards]

[Your name]