

A Concluding Example

Here we define an XML schema for email, so that it can be compared to the DTD provided earlier.

```
<element name="email" type="emailType"/>
<complexType name="emailType">
  <sequence>
    <element name="head" type="headType"/>
    <element name="body" type="bodyType"/>
  </sequence>
</complexType>

<complexType name="headType">
  <sequence>
    <element name="from" type="nameAddress"/>
    <element name="to" type="nameAddress"
      minOccurs="1" maxOccurs="unbounded"/>
    <element name="cc" type="nameAddress"
      minOccurs="0" maxOccurs="unbounded"/>
    <element name="subject" type="string"/>
  </sequence>
</complexType>

<complexType name="nameAddress">
  <attribute name="name" type="string" use="optional"/>
  <attribute name="address" type="string" use="required"/>
</complexType>

<complexType name="bodyType">
  <sequence>
```