

INTERNAL DTD

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

```
<!DOCTYPE emails [
```

```
  <!ELEMENT emails (email+)>
```

```
  <!ELEMENT email (from, to, cc?, subject, body)>
```

```
  <!ELEMENT from (#PCDATA)>
```

```
  <!ELEMENT to (#PCDATA)>
```

```
  <!ELEMENT cc (#PCDATA)>
```

```
  <!ELEMENT subject (#PCDATA)>
```

```
  <!ELEMENT body (#PCDATA)>
```

```
<emails>
```

```
  <email>
```

```
    <from>alice@example.com</from>
```

```
    <to>bob@example.com</to>
```

```
    <cc>carol@example.com</cc>
```

```
    <subject>Meeting Reminder</subject>
```

```
    <body>Don't forget about the meeting tomorrow at 10 AM.</body>
```

```
  </email>
```

```
  <email>
```

```
    <from>bob@example.com</from>
```

```
    <to>alice@example.com</to>
```

```
    <subject>RE: Meeting Reminder</subject>
```

```
    <body>Thanks for the reminder, Alice. See you there!</body>
```

</email>

<email>

<from>carol@example.com</from>

<to>alice@example.com</to>

<cc>bob@example.com</cc>

<subject>Project Update</subject>

<body>I've attached the latest project update for your review.</body>

</email>

<email>

<from>dan@example.com</from>

<to>bob@example.com</to>

<subject>Invoice Details</subject>

<body>Please find the attached invoice for the services rendered.</body>

</email>

<email>

<from>eve@example.com</from>

<to>carol@example.com</to>

<subject>Lunch Plans</subject>

<body>Are you free for lunch this Friday?</body>

</email>

</emails>

EXTERNAL DTD

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE emails SYSTEM "emails.dtd">
<emails>
<email>
```

```
<from>alice@example.com</from>
<to>bob@example.com</to>
<cc>carol@example.com</cc>
<subject>Meeting Reminder</subject>
<body>Don't forget about the meeting tomorrow at 10 AM.</body>
</email>
<email>
<from>bob@example.com</from>
<to>alice@example.com</to>
<subject>RE: Meeting Reminder</subject>
<body>Thanks for the reminder, Alice. See you there!</body>
</email>
<email>
<from>carol@example.com</from>
<to>alice@example.com</to>
<cc>bob@example.com</cc>
<subject>Project Update</subject>
<body>I've attached the latest project update for your review.</body>
</email>
<email>
<from>dan@example.com</from>
<to>bob@example.com</to>
<subject>Invoice Details</subject>
<body>Please find the attached invoice for the services rendered.</body>
</email>
<email>
<from>eve@example.com</from>
<to>carol@example.com</to>
<subject>Lunch Plans</subject>
<body>Are you free for lunch this Friday? ----</body>
</email>
</emails>
```

EMAILS DTD

```
<!ELEMENT emails (email+)>
<!ELEMENT email (from, to, cc?, subject, body)>
<!ELEMENT from (#PCDATA)>
<!ELEMENT to (#PCDATA)>
```

```
<!ELEMENT cc (#PCDATA)>  
<!ELEMENT subject (#PCDATA)>  
<!ELEMENT body (#PCDATA)>
```