



Two Types of Markup

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Introduction

XML describes data, such as purchase, quantity, item and date, whereas HTML defines tags that primarily describe how the data should be formatted and displayed.

In this exercise, you will compare the two types of markup: markup for display purposes and markup for content-definition purposes (sometimes called *semantic* markup).

The Exercise

In these exercises, you should 'invent' tags as you need them, but restrict yourself to using correct XML, rather than HTML.

Once you have completed the two sub-exercises below, compare the two markups. You should be able to give various reasons why one version is generally more useful.

Setting Up

Make a new directory for this exercise. Call this directory *TwoTypes*: For example:

```
C:\> mkdir TwoTypes  
C:\> cd TwoTypes
```

All the files that you subsequently create as you do this exercise should be contained in this directory.

Markup for Display

Mark up the following email message according to the need to display it in some appropriate fashion:

```
From: bob@transentia.com.au  
To: XMLGroup  
Subject: Mark me up!  
Hi all!
```

```
Here is a quick email to let you practice your markup skills. Which is better,  
markup for display or for content-definition purposes?
```

```
BOB
```

Semantic Markup

Taking the same message as before, mark it up according to its information content to ensure that it can be manipulated correctly and easily by an email system.