

Modelling Business Objects with XML Schema

Errata and Addenda

October 31, 2005

Chapter 1, Page 30, last line

= {"ab", "c", "x", "yz"}

should read

= {"ab", "c", "x", "yz"}

Chapter 1, Page 32, Axiom 3

$R|S = R|S$

should read

$R|S = S|R$

Chapter 1, Page 32, Axiom 9

$\{ \}R| = R$

should read

$\{ \} |R = R$

Chapter 1, Page 32, last sentence

If X consists of a single...

should read

If S consists of a single...

Chapter 1, Page 37, second bullet point

The expression:

$X^* == 1\{ (X, 1) ? \}$

should read as:

$X^* == 1\{ (X, 1) ? \}$

Chapter 2, Page 48, Last paragraph in section 2.5

... will then be transformed into XML Schema in Relax NG in Chapter 8.

should read

... will then be transformed into XML Schema and Relax NG in Chapter 8.

Chapter 2, Page 61, Text for Figure 2.13

... results in [1..].

should read

... results in [1..1].

Chapter 3, Page 102, Last paragraph

... the default value of attribute `review` ...

should read

... the default value of attribute `version` ...

Chapter 3, Page 104, Section 4.3.5, Example

```
<\instrument>
```

should read

```
</instrument>
```

Chapter 3, Page 106, Second <!DOCTYPE>

missing ">"

Chapter 4, Page 112, Section 4.4.6

```
<!ENTITY legal "All rights preserved">
```

should read

```
<!ENTITY legal "All rights reserved">
```

Chapter 5, Page 146, Table

sequence

under column header **Name** should read

choice

Chapter 6, Pages 204-207

In the definitions of the types `tUKAddress`, `tElectronicItem`, `tChemicalItem`, and `tConsumerPaymentTerms` change

```
xs:restriction
to
xs:extension
```

Chapter 7, Page 215

As of December 1, 2003, *Relax NG* has become an ISO-Standard (ISO/IEC 19757-2).

March 22, 2003, James Clark has published a Draft for *Relax NG Compact*. Relax NG Compact is semantically equivalent to Relax NG but uses a more readable non-XML syntax.

For example, the *Relax NG* pattern:

```
<?xml version="1.0" encoding="UTF-8"?>
<grammar
  xmlns="http://relaxng.org/ns/structure/1.0"
  datatypeLibrary="http://www.w3.org/2001/XMLSchema-datatypes">
  <start>
    <element name="track">
      <data type="normalizedString"/>
      <attribute name="duration">
        <data type="duration"/>
      </attribute>
    </element>
  </start>
</grammar>
```

would read in *Relax NG Compact* as:

```
element track { xsd:normalizedString,
  attribute duration { xsd:duration }
}
```

A tutorial for Relax NG Compact is found at <http://www.thaiopensource.com/oasis/compact-tutorial.html>.

Chapter 10, Page 365

IBM has published the *XML Schema Infoset Model*, and a Java library representing this model. Each XML Schema component is represented by a Java class, enabling clients to load schemata and to retrieve detailed schema information. The library is deployed as an Eclipse plug-in and can be downloaded from www.eclipse.org/xsd.

Chapter 10, Page 371

```
public interface CDforSale_type extends CD_type {
    java.math.BigDecimal getPrice() ;
    void getPrice(java.math.BigDecimal);
}
```

should read:

```
public interface CDforSale_type extends CD_type {
    java.math.BigDecimal getPrice() ;
    void setPrice(java.math.BigDecimal);
}
```

Chapter 10, Page 372, Figure 10.1

Subtype
DO

should read :

Subtype
SO

Acknowledgements

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