Databases, Types, and the Relational Model:

The Third Manifesto

Third Edition

by

C.J.Date and Hugh Darwen

Known errors in **first and second printings**

Date of this list: **July 28th, 2006**

Page 91, eighth bullet: Replace "RM Prescription 11" by "RM Prescription 9".

Page 114, production rule for *<summary>*, line 2: Replace *<scalar exp>* by *<exp>*.

Page 115, first bullet, lines 1-2: Replace *<scalar exp>* by *<exp>* (twice).

Page 115, para. beginning "For SUM", line 1: Replace *<scalar exp>* by *<exp>*.

Page 115, para. beginning "The suffix", line 4: Replace *<scalar exp>* by *<exp>*.

Page 238, subsection "WINDOW Clauses", line 1: Replace "Prescriptions and Proscriptions" by "prescriptions and proscriptions".

Page 259, typo in numbered list at top of page (item 16): "Substtutability".

Page 260, Exercise 12: Insert a new bullet item following the second such, reading as follows:

   ■   *TH* itself is also regarded as a type hierarchy derived from *TH*.

Page 288, subsection titled "Further Discussion": In the indented extract, replace the period following "respectively" in line 1 by a semicolon, and insert the following text following that semicolon:

   also, assume (merely to simplify the discussion) that both expressions denote relations of cardinality one.

Also in that indented extract, replace "FROM RJ" in line 2 and "FROM RM" in line 3 by "in RJ" and "in RM", respectively.

Page 288, subsection titled "Further Discussion": In the para. immediately following the indented extract, replace "A FROM RJ" and "A FROM RM" by "A FROM (TUPLE FROM RJ)" and "A FROM (TUPLE FROM RM)", respectively.

Page 345, 2nd bullet: Replace the phrase "tuple type *RT_omega*" by the phrase "relation type *RT_omega*".

Page 367, just below middle of page, sentence beginning "In other words": Replace "just a good" by "just as good".

Page 374, penultimate line should be in code font, not Times Roman.

Page 376, replace penultimate block of code by the following:

```
( EXTEND ( r COMPOSE s )
  ADD ( D FROM Y AS D, E FROM Y AS E, ..., F FROM Y AS F ) )
{ A, B, ..., C, D, E, ..., F }
```

(The changes are in the 2nd line.)

Page 390, 1st block of code (beginning TUPLE): 2nd line should have a terminating comma.

Page 434, code block at foot of page (definition of view THE_SHOP_IS_OPEN_OR_THE_ALARM_IS_SET): There should be an opening parenthesis immediately preceding the keyword WITH in line 2 and a closing parenthesis immediately preceding the closing semicolon in line 4.

Page 439, subsection "Extension", 2nd para., line 3: Replace "R1" by "*R1*" (in italics).

Page 464, four lines above the footnote: Replace "can least say" by "can at least say".

Page 508, production rule for *<summary>*, line 2: Replace *<scalar exp>* by *<exp>*.

*** End *** End *** End ***