

Errata

The follow list of errata applies to the 2000 and 2001 printings of the book.

Date	Location	Correction
2002-06-14	Page 9, line -5	Replace by "Letter stands for a lowercase or uppercase letter."
2002-06-14	Page 16, middle	Replace "(such as Lisp and Smalltalk)" by "(such as Smalltalk)".
2002-06-14	Page 35, Example 2.11	Delete paragraph (b).
2002-06-14	Page 54, Exercise 2.10	Delete this exercise.
2002-02-08	Page 84, Example 4.8	Replace "the cat likes me" by "the cat sees me".
2001-02-16	Page 93, 2nd bullet point	After the 1st sentence insert "The function of <code>parseN</code> is to parse the longest possible phrase of class <i>N</i> starting with <code>currentTerminal</code> ."
2001-02-16	Page 93, after 2nd bullet point	Insert new bullet point "On entry to method <code>parseS</code> , <code>currentTerminal</code> must contain the first input terminal. On exit from <code>parseS</code> , <code>currentTerminal</code> should contain a 'terminal' representing the end of the input."
2002-06-14	Page 103, Example 4.14	Replace "starting from production rule (4.11)" by "starting from production rule (4.12)".
2001-02-16	Page 104, 1st bullet point	This condition for an LL(1) grammar should be "If the grammar contains $X Y$ and neither X nor Y can derive the empty string, <code>starters[X]</code> must be disjoint from <code>starters[Y]</code> . If the grammar contains $X Y$ and (say) Y can derive the empty string, <code>starters[X]</code> must be disjoint from the union of <code>starters[Y]</code> and the set of tokens that can follow $X Y$ in this context."
2002-06-14	Page 112, Expression ASTs	<p>Add the following classes:</p> <pre> public class IntegerExpression extends Expression { public IntegerLiteral IL; ... } public class VnameExpression extends Expression { public Vname V; ... } </pre>
2002-06-14	Page 121, method <code>ScanSeparator</code>	<p>The '!' case should be indented as followed:</p> <pre> case '!': { takeIt(); while (isGraphic(currentChar)) takeIt(); take('\n'); } break; </pre>
2001-04-27	Page 123, line -9	Replace "this.kind = k;" by "this.kind = (byte)k;".
2001-04-27	Page 124, line 10	Replace "}" by "};".
2002-06-14	Page 126, after (4.29)	Replace "Substitution for V-name in (4.26a) and (4.28a)" by "Substitution for V-name in (4.26a) and (4.27a)".
2001-02-16	Page 139, Section	Replace "locally declared" by "globally declared".

	5.1.2, line 5	
2001-02-16	Page 151, constructor for class Type	Delete "static". Replace all three occurrences of "sort" by "kind".
2001-02-16	Page 164, line 5	Replace "Exercises 5.4 and 5.5" by "Exercises 5.3 and 5.4".
2001-02-16	Page 166, lines -9 and -8	Replace by "(5) proc put (c: Char) ~ ...;" and "(6) proc get (var c: Char) ~ ...;"
2001-04-03	Page 217, Example 6.24	In line 8 of the program, replace "i//b" by "i/b".
2001-05-14	Page 236, paragraph 2	Replace "instance method named move" by "instance method named area".
2002-06-14	Page 331, paragraphs 2-3	Replace these paragraphs by "Recursive interpretation is less common. A classic description of a Lisp interpreter (expressed in Lisp itself) may be found in McCarthy et al. (1965)."
2002-06-14	Page 359, Answer 1.4	Replace the first paragraph by "Mini-Triangle expressions: (a), (c), (d), (e). (Mini-Triangle has no functions.)".
2002-03-01	Page 400	On line 11, replace "eol()" by "\ eol()". On line -5, replace "eof()" by "\ eof()".

The authors gratefully acknowledge the help of readers who have reported errors.

If you find an error, please report it to the authors: [David Watt](#) or [Deryck Brown](#).