Errata

This document contains errata for *Modern Programming Languages: A Practical Introduction* by Adam Brooks Webber, published in 2003 by Franklin, Beedle & Associates, Inc. These corrections represent all errors known to the author as of September 26, 2003.

Chapter 6

Page 100: the sentence reading "It was built from the same primitive using the same type constructor in exactly the same way as `irpair1`" should be corrected to "It was built from the same primitive types using the same type constructor in exactly the same way as `irpair1`."

Page 102, Exercise 4, part g: the statement `X := X + Z` was intended to read `X := X + Y`. (Although it works either way as an exercise, the sample solution provided to instructors applies to `X := X + Y`.)

Chapter 9

Page 147, Exercise 24: this exercise should be removed, since it is the same as Exercise 26.

Chapter 10

Page 164, Exercise 5, third paragraph: In the line that reads "Suppose a compiler reads the example from Exercise 5 as a sequence of tokens," the 5 should be changed to 3.

Chapter 13

Page 237, Exercise 12, part b: the expression `new Intvar(x)` should be changed to `new Intvar()`.

Chapter 14

Page 246, code example: the tag `@throws` should be corrected to the standard `@exception`.

Page 252, code example: the tag `@throws` should be corrected to the standard `@exception`.

Chapter 15

Page 297, first line: add a sentence to the end of this exercise (Exercise 3): "The `find` method should return 0 if the requested key is not found."

Page 298, next to last line: the phrase "the interface" should be changed to "the `StringIterator` interface of this exercise".

Chapter 17

Page 342, code examples: the three occurrences of the tag `@throws` should all be corrected to the standard `@exception`.

Page 343, code examples: the two occurrences of the tag `@throws` should all be corrected to the standard `@exception`.

Page 347, code example: the tag `@throws` should be corrected to the standard `@exception`.

Chapter 21

Page 452, illustration: the boldface Prolog code that reads **`J = append(H,I,J)`** should read simply **`append(H,I,J)`**.

Page 473, Exercises 3 and 4: the solutions to these exercises require arithmetic not covered until Chapter 22. They more properly belong in that chapter, perhaps after Exercise 3 on page 494.

Chapter 23

Page 502, illustrations: there are three occurrences of the parameter tuple (E_1,v_1). All three should be corrected to (E_1,E_2). Also, the × operator in the rule for **`plus`** should be corrected to +.

Page 520, next to last line: the fragment of natural semantics $\langle \texttt{let}(x,E_2,E_2)C\rangle \rightarrow v$ should be corrected to $\langle \texttt{let}(x,E_1,E_2),C\rangle \rightarrow v$.