
Errata Introduction to Software Engineering Design, 1st Edition

- page 50 Figure 2-2-3: The Figure caption should read “Figure 2-2-3 Generic Design Process”
- page 152 Exercise 1 should read “Fill in the blanks: Ideas for alternative requirements can come from _____ the design team or _____ the team. The former sources include users and other stakeholders, _____, _____, _____ products, and _____ products. The latter include team and individual _____, and _____.”
- page 170 Figure 6-2-1: The first occurrence of extension step 6a should be 5a
- page 197 Figure 7-1-2: The attribute called “lyracist” in class Song should be renamed “lyricist”
- page 197 The first sentence of the second paragraph should begin “There are many class ...”
- page 203 Figure 7-2-3: The description of the *name* symbol should begin “The name of the operation; ...”
The description of the *parameter-list* symbol should begin “A comma-separated list of the names and types ...”
- page 270 The word “guillemots” in the first paragraph should be spelled “guillemets”
- page 355 In problem 7, the second to last sentence should read “The Prescription class would associate the classes Patient, Doctor, Pharmacist, and Insurance Plan.”
- page 366 The fifth sentence on the page should read “The Button object is still active, though it is suspended until the call of `actionPerformed()` returns.”
- Page 381 The first sentence in the description of the delegated control style should read “A program with a **delegated control style** has decision making distributed through the program.”
- page 390 Problem 1(f) should read “[x<5]query”
- page 405 The sentence that starts in the middle of the thirteenth line on the page should begin “A state can also be described ...”
- Page 411 The sentence beneath Figure 13-2-5 should read “This arrangement ensures that state B is not entered until the transition leading from A has been traversed between 1 and *k* times since B was last entered; in other words, B is not entered until A has exited between 1 and *k* times as often as B as been entered.”
- page 412 Figure 13-2-7: The arrow from state On to state Preset C should be labeled “setToC”
- page 413 Figure 13-2-8: The arrow from state On to state Preset C should be labeled “setToC”

- page 425 Problems 1(d) should read “action(e : ActionEvent)”
The second and third sentences of Exercise 5 should read “Include the states HungUp, OffHook, Dialing, Connected, Silent, and Ringing. Include the events pickUp, hangUp, dial, and incomingCall.”
- Page 458 Problem 12(e) should read “Find the median element in an unsorted array.”
- page 547 Figure 18-2-3: The contents of the :Product object box should read “p : Product”
- page 554 Figure 18-3-1: The return statement at the end of the note should read “return theInstance”
- page 555 Figure 18-3-3: The declaration of attribute theInstance in class Clock should read “-theInstance : Clock = null”
- Page 561 The code for the clone() method in figure 18-4-5 should read as follows:
- ```
public Stack clone() {
 Stack result = new Stack(maxSize);
 result.top = top
 for (int k = 0; k < top+1; k++)
 result.store[k] = store[k];
 return result;
}
```
- page 576 Figure 19-2-6: The parameter list for operation addActionListener in class AbstractButton should read “l : ActionListener”  
The parameter list for operation actionPerformed in class ActionListener should read “e : ActionEvent”
- page 587 Exercise 9(a) should read “A single command object that has a single operation with one parameter indicating the event type that can be registered with the Zorister.”
- page 587 The exercises beginning with those for section 19.3 are mis-numbered, running from 10 to 16 when they should run from 11 to 17.
- page 610 The first assumption listed in section 5. Assumptions and Constraints should read “AquaLush will use the new moisture sensors developed by MESC.”
- page 625 Requirements 2.7.3.2 should read “Each simulated irrigation zone must simulate regions watered by irrigation valves and display the states of the simulated valves.”
- page 627 Figure B-7-1: Plus signs are missing from some lines. In particular, the fourth through sixth lines in the figure should read:
- ```
sensorSpec = “sensor” + sensorIdentifier + location + “;”
valveSpec = “valve” + valveIdentifier + valveType + flowRate + location + “;”
valveType = “<” + valveDescription + “>”
```
- page 640 Requirement 6.3.10.3.1 should read “If the user presses keypad digit keys when there are already 9 digits in the Gallons Allocated display, then the display must not be changed and the terminal must beep.”
- page 645 Figure B-7-22: The callout attached to the Default button should read: “Each press must reset the rate to 10”

- pages 667 to 687 The page header on odd-numbered pages indicates section B.10 when in fact the section number is B.11
- page 682 Figure B-11-16: The type of attribute transition in class **Screen** should be **Screen[8]**
- page 689 The following reference, cited in the preface, should be added as the fourth in the list:
- Armitage, John. "From User Interface to Uber-Interface: A Design Discipline Model of Digital Products." *Interactions* 10 (3), May/June 2003, 18-29.