

Errata^Σ

OPERATING SYSTEM CONCEPTS, SEVENTH EDITION
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To Be Corrected in 2nd Printing:

Page xiii, fifth bullet: **Chapter 22** → **Chapter 23**

Page xiii, line 2 in “Programming Exercises ..”: **APIsas** → **APIs as**

Page xiv, line 3: **avaialble** → **available**

Page 19, line 5: **user mode** → **kernel mode**

Page 25, Figure 1.9, line 2: **> 16 MB** → **< 16 MB**

Page 25, Figure 1.9, line 2: **> 16 GB** → **< 16 GB**

Page 30, line 9 in 1.11.2: **MP3** → **MP3,**

Page 43, line 6: **source code is in the public domain** → **source code is readily available for reading and for modification under specific license terms."**

Page 49, Figure 2: **return o** → **return 0**

Page 52, line -2: **an program,** → **a program**

Page 53, line 2: **files,** → **files.**

Page 53, first sentence of the second paragraph in 2.4.3: **sysstem** → **system**

Page 68, third paragraph: **JVMis** → **JVM is**

Page 104, Figure 3.16, line 7: **segment_id;=** → **segment_id;**

Page 112, line 7: **Some systems ...** → **Some systems (known as *big-endian*) store the most significant byte first, while other systems (known as *little-endian*) store the least significant byte first. Neither order is "better" per se, but rather the choice is arbitrary within a computer architecture."**

Page 128, line 6: **(perhaps thousands) of** → **(perhaps thousands of)**

Page 136, line -10: **the the** → **the**

^ΣErrors reported by: Yavuz Selim Aydin, Ranveer Chandra, Kenneth Chu, Sarp Arda Coskun, William Day, Hannes de Beer, Randi Dolan, Frank Duckart, Eric Fang, Benjamin Sahelices Fernandez, Thomas Gaeng, Robert Glurck, Dale Grit, Andreas Gustavsson, Jan Heijnsdijk, Carl Holmes, Jon McAteer, Peter Musial, Duc Nguyen, Yannick Van Osselaer, Lubos Rendek, David Renie, Tim Roberts, John Sarraillé, Burak Sevindi, Stanislav Sinyukov, Valentin Spitkovsky, Ben Taitelbaum, James Turk, Scott Woodward

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- Page 151, line 6: **Figure 4.12 Phtread** → **Figure 4.12 Pthread**
- Page 191, line 5, chapter objectives: **To intouduce** → **To introduce**
- Page 195, line 2: **no preemptive** → **preemptive**
- Page 198, line 2: **TestAndSetLock(&lock)** → **TestAndSet(&lock)**
- Page 201, line -5: **waiting(mutex)** → **wait(mutex)**
- Page 208, Figure 6.14: **7 chopsticks** → **5 chopsticks**
- Page 241, line -2: **return 0** → **return nonzero**
- Page 241, line -1: **nonzero** → **0**
- Page 286, line 13: **fixed-partition** → **variable-partition**
- Page 293, line 15 : **ch18/18** → **i**
- Page 305, line -1: **16 KB** → **16 K**
- Page 306, line 2: **8 KB** → **8 K**
- Page 306, line 3: **8 KB** → **8 K**
- Page 308, Figure 8.23: **(logical address)** → **(linear address)**
- Page 359, first sentence 3rd full paragraph: **multiple pages** → **multiple page sizes**
- Page 378, Figure 10.1, line -12: **exclusiveLock.release();** → **sharedLock.release();**
- Page 435, first sentence in 11.7: **must taken** → **must be taken**
- Page 456, line 5: **ISCSI** → **iSCSI**
- Page 553, Section 14.9.2, line 2: **protecion** → **protection**
- Page 569, line 23: line starting with “vs = ..” should not wrap. It should be only one line.
- Page 582, line 20: **$m1 = m2$** → **$m = m'$**
- Page 605, problem 15.13: **$D(ke, N)(E(kd, N)(m))$** → **$D(kd, N)(E(ke, N)(m))$**
- Page 641, CHAPTER OBJECTIVES, bullet 4: **in a is** → **in a distributed file system is**
- Page 641, CHAPTER OBJECTIVES, bullet 4: delete **file replication**
- Page 674, line -16 : **ch18/18** → **Q**
- Page 674, line -13 : **ch18/18** → **Q**
- Page 675, line 1: **ch18/18** → **Q**
- Page 687, line 8: **S;** → **foo;**

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Page 687, line 8: *F;* → *boo;*

Page 703, line 5: *interrupts to be disabled* → *interrupts be disabled*

Page 708, first bullet from bottom: *name of function should be pthread_setsched_policy()*

Page 708, second line from bottom: *name of function should be pthread_setsched_policy()*

Page 753, Section 21.5.2, line 5: *driver* → *controller*

Page 833, Section 22.7.3.6, line 2: *in each.* → *in each instantiation.*

Page 859, line 11: [Cantrill et al. 2004] title should be "*Dynamic Instrumentation of Production Systems*"