

APPENDIX 3: REFERENCES

The recommended reference book is as follows:

Software Engineering: A Practitioner's Approach
By Roger S. Pressman
McGraw Hill

Depending on the availability of books in your country, there could be as many as three different editions of this book available- the 3rd (published in 1992), 4th (published in 1997) and the 5th (published in 2001). Despite the 3rd's age, there is still material in this book that is valid in the study of software engineering.

The following lists the references on a chapter by chapter basis:

Chapter 1: Fundamentals of Software Engineering

3rd: Chapter 1
4th: Chapter 1, 2, 10
5th: Chapter 1, 2, 10

Chapter 2: Requirement Analysis Fundamentals

3rd: Chapter 6
4th: Chapter 11
5th: Chapter 11

Chapter 3: Analysis Modeling

3rd: Chapter 7
4th: Chapter 12
5th: Chapter 12

Chapter 4: Design (I)

3rd: Chapter 10
4th: Chapter 13, 14
5th: Chapter 13, 14, 16

Chapter 5: Design (II)

3rd: Chapter 11
4th: Chapter 14
5th: Chapter 15, 14

Chapter 6: Programming Languages

3rd: Chapter 16

In addition, there is a huge amount of material on programming languages found on the world wide web; a sampling of these are as follows:

ACM TOPLAS presents research results on all aspects of the design, definition, implementation, and use of programming languages and programming systems.
<http://www.cs.wustl.edu/~toplas/>

Programming Language Research
<http://www-2.cs.cmu.edu/afs/cs.cmu.edu/user/mleone/web/language-research.html>

Programming Language Resources
<http://www.program.com/resources/>

Review of Existing Languages
<http://tunes.org/Review/Languages.html>

Chapter 7: Software Quality Assurance and other Management Topics

3rd: Chapter 17
4th: Chapter 8
5th: Chapter 8

Chapter 8: Software Testing Techniques

3rd: Chapter 18
4th: Chapter 16
5th: Chapter 17

Chapter 9: Software Testing Strategies

3rd: Chapter 19
4th: Chapter 17
5th: Chapter 18

Chapter 10: Advanced Topics in Software Engineering

3rd: Chapter 22
4th: Chapter 4, 18
5th: Chapter 24, 29, 31
