# Topic and Slide Inventory

**Software Engineering — Volume 1: Abstraction and Modelling**

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**Abstract**

We present an inventory of topics and slides of Vol. 1 of Dines Bjørner’s three-volume book: Software Engineering — published by Springer 9 December 2005. By a topic we mean some logically coherent study material. Each topic is study material selected either from a full chapter of Vol. 1, or from a full section of a chapter of that volume. Each topic is covered by one or more slides. Chapters and sections of Vol. 1 usually cover significantly more material than do the slides.

These slides will be available — somehow — to bona fide lecturers whose students use Vol. 1 for the lecturers’ course on a selected set of topics within that volume.

From the 1790 slides the lecturer can — typically using ghostview — select edit any subset of topics and, within topics, any subset of slides for the given course.

In each line below the leftmost numeral (followed by a colon) designates a topic. Vol. 1 covers 71 topics.

- Home page for the three-volume book:  
  http://www2.imm.dtu.dk/~db/Software_Engineering/
- Table of contents  
  http://www.imm.dtu.dk/~db/Software_Engineering/voll/toc1.ps
- Guide to using the book in nine courses:  
  http://www.imm.dtu.dk/~db/Software_Engineering/guide.ps
- The Springer home page for Vol. 1:  
  http://www.springeronline.com/uk/3-540-21149-7

<table>
<thead>
<tr>
<th>1: Chap.1 Introduction</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>2: Sect.1.2 A Software Engineering Triptych</td>
<td>24</td>
</tr>
<tr>
<td>3: Sect.1.3 Documentation</td>
<td>58</td>
</tr>
<tr>
<td>4: Sect.1.4 Formal Techniques and Formal Tools</td>
<td>119</td>
</tr>
<tr>
<td>5: Sect.1.5 Method and Methodology</td>
<td>150</td>
</tr>
<tr>
<td>6: Sect.1.6 The Very Bases of Software</td>
<td>159</td>
</tr>
<tr>
<td>7: Sect.1.7 Aims and Objectives</td>
<td>190</td>
</tr>
<tr>
<td>8: Chap.2 Numbers</td>
<td>199</td>
</tr>
<tr>
<td>9: Chap.3 Sets</td>
<td>226</td>
</tr>
</tbody>
</table>
48: Chap.18 Types in RSL

49: Chap.19 Applicative Specification Programming
   50: Sect.19.1 Scope and Binding
   51: Sect.19.2 Intuition
   52: Sect.19.3 Operator/Operand Expressions
   53: Sect.19.4 Enumerated and Comprehended Expressions
   54: Sect.19.5 Conditional Expressions
   55: Sect.19.6 Bindings, Typings, Patterns and Matching
   56: Sect.19.7 Review and Discussion

57: Chap.20 Imperative Specification Programming
   58: Sect.20.1 Intuition
   59: Sect.20.2 Imperative Combinators: A λ-Calculus
   60: Sect.20.3 Variable References: Pointers
   61: Sect.20.4 Function Definitions and Expressions
   62: Sect.20.5 Translations: Applicative to Imperative
   63: Sect.20.6 Styles of Configuration Modelling
   64: Sect.20.7 Review and Discussion

65: Chap.21 Concurrent Specification Programming
   66: Sect.21.2 Intuition
   67: Sect.21.3 Communicating Sequential Processes, CSP
   68: Sect.21.4 The RSL/CSP Process Combinators
   69: Sect.21.5 Translation Schemas
   70: Sect.21.6 Parallelism and Concurrency: A Discussion

71: Chap.22 Etcetera!

Last slide 1790

Holte, 3:05 am, 12 November 2005

• Similar topic/slide inventories are available for Vols. 2–3 of Software Engineering.

• Volume 2: Specification of Systems and Languages: 93 topics, 1566 slides
  – The Springer home page for Vol. 2:
    http://www.springeronline.com/uk/3-540-21150-0
  – Table of contents
    http://www.imm.dtu.dk/~db/Software_Engineering/vol2/toc2.ps

• Volume 3: Domains, Requirements and Software Design: 79 topics, 2567 slides
  – The Springer home page for Vol. 3:
    http://www.springeronline.com/uk/3-540-21151-9
  – Table of contents