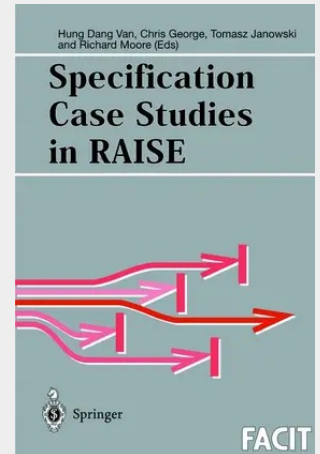


Specification Case Studies in RAISE

This volume presents twelve case studies that use RAISE - Rigorous Approach to Industrial Software Engineering - to construct, analyse, develop and apply formal specifications. The case studies cover a wide range of application areas including government finance, case-based reasoning, multi-language text processing, object-oriented design patterns, component-based software design and natural resource management. By illustrating the variety of uses of formal specifications, the case studies also raise questions about the creation, purpose and scope of formal models before they are built. Additional resources and complete specifications for all of the case studies and the RAISE tools used to process them, are available on the World Wide Web. This book will be of particular interest to software engineers, especially those responsible for the initial stages of requirements engineering and software architecture and design. It will also be of interest to academics and students on advanced formal methods courses.

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