

SREBOK - Software Reengineering Body of Knowledge

Call for Contributions

an initiative of the Special Interest Group Software Reengineering within the
German Informatics Society (Gesellschaft für Informatik e.V.)

Our special interest group Software Reengineering (SRE) within the German Informatics Society (GI) has the goal to support joint work efforts and communication of industry and academia regarding the topics software reengineering, software maintenance and software evolution in the German-speaking countries, since our first workshop in 1999. This specifically includes activities with respect to analysis, assessment, visualization, improvement, migration and enhancement of software.

We started an initiative to collect and share our knowledge. We want to help practitioners and researchers to gain an entry point to and an overview of the field. We currently write a book (the "SREBOK") that describes aspects of software reengineering, including:

- Goals, Rationale, and Definitions of SRE
- History of SRE
- Fundamental Practices of SRE
- Processes and Automation of SRE
- SRE Management Aspects
- SRE Engineering Aspects
- Challenges, Risks, and Chances of SRE
- Future Challenges and Chances of SRE
- Design for Future Evolution and Reengineering

The book will be a collection of loosely coupled chapters, which give an overview and show the essence of the important aspects and their meaning for SRE, rather than describing all aspects in detail. We intend to publish the book at an international publisher for computer science literature (e.g., Springer LNCS, IEEE, or ACM).

We actively search for co-authors that contribute to one or more chapters. As a co-author, your name and affiliation will clearly be stated as co-author of the respective section, exposing you as an expert in the field and providing a citable source of knowledge.

If you are interested in contributing as a co-author of a chapter, please contact Dr. Marco Konersmann <konersmann@se-rwth.de> or the respective editor responsible for the section in question.

The SREBOK Editors

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