

Editorial

It is a pleasure to present to our readers the second issue of the e-Informatica Software Engineering Journal (ISEJ).

The mission of the e-Informatica Software Engineering Journal is to be a prime international journal to publish research findings and IT industry experiences related to theory, practice and experimentation in software engineering. The scope of e-Informatica Software Engineering Journal includes methodologies, practices, architectures, technologies and tools used in processes along the software development lifecycle, but particular interest is in empirical evaluation.

The second issue of the e-Informatica Software Engineering Journal includes four papers carefully reviewed by Editorial Board members, as well as by external reviewers, and then selected by the editors. The first of the papers by Lanoix and Souquières suggest to exploit existing notations, languages and tools to specify the behavior of components and propose to use of B assembling and refinement mechanisms to ease the verification of the interoperability between interfaces and the correctness of the component assembly. The second paper by Osis et al. proposes Topological Functioning Modeling for Model Driven Architecture approach which increases the degree of formalization, introduces more formal analysis of the problem domain, enables defining what the client needs, verifying textual functional requirements, and checking missing requirements in conformity with the domain model. The third paper by Trendowicz et al. proposes a novel approach for identifying the most relevant factors influencing software development productivity. The last paper by Samuel and Mall presents a novel technique for test case generation using dynamic slicing of UML sequence diagrams.

We look forward to receiving quality contributions from researchers and practitioners in software engineering for the next issue of the journal.

Editors
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