

INTERNATIONAL JOURNAL OF SOFTWARE ENGINEERING AND KNOWLEDGE ENGINEERING

AIMS AND SCOPE

The *International Journal of Software Engineering and Knowledge Engineering* is published quarterly, March, June, September and December of each year. It is intended to serve as a forum for researchers, practitioners, and developers to exchange ideas and results for the advancement of software engineering and knowledge engineering. Three types of papers will be published:

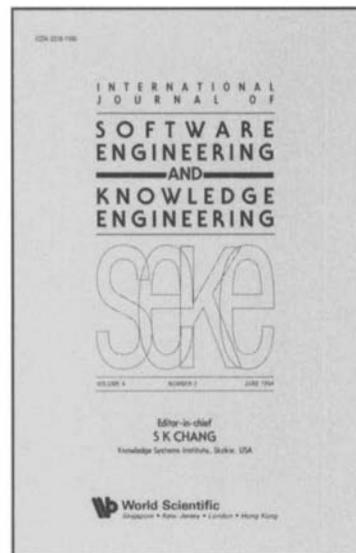
- Research papers reporting original research results
- Technology trend surveys reviewing an area of research in software engineering and knowledge engineering
- Survey articles surveying a broad area in software engineering and knowledge engineering

In addition, tool reviews (no more than three manuscript pages) and book reviews (no more than two manuscript pages) are also welcome.

A *central theme* of this journal is the interplay between software engineering and knowledge engineering: how knowledge engineering methods can be applied to software engineering, and vice versa. The journal publishes papers in the areas of software engineering methods and practices, object-oriented systems, rapid prototyping, software reuse, cleanroom software engineering, stepwise refinement/enhancement, formal methods of specification, ambiguity in software development, impact of CASE on software development life cycle, knowledge engineering methods and practices, logic programming, expert systems, knowledge-based systems, distributed knowledge-based systems, deductive database systems, knowledge representations, knowledge-based systems in language translation & processing, software and knowledge-ware maintenance, reverse engineering in software design, and applications in various domains of interest.

Suggestions for *special issues* are welcome. To propose a special issue, a one-page proposal should be submitted to the Editor-in-Chief, containing the following information: title; purpose; scope; a list of potential contributors and tentative paper titles; time-table (submission and review deadlines, intended publication date); and guest editor's address, phone, fax and e-mail address. Once approved, the guest editor will be fully responsible for the special issue and should follow the normal review procedure of IJSEKE.

The IJSEKE is complemented by the annual *International Conference on Software Engineering and Knowledge Engineering* held in June each year. Papers of a preliminary and ongoing nature can first be submitted for presentation at the annual SEKE conferences, and the definitive papers can then be submitted to IJSEKE. Information on both the journal and the SEKE conferences can be obtained from the Editor-in-Chief.



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The knowledge engineering review

Notes for Contributors

Contributions for publication should be addressed to Dr John Fox, Editor, The Knowledge Engineering Review, Biomedical Computing Unit, PO Box 123, Lincoln's Inn Fields, London WC2A 3PX, England, Dr Peter Jackson, North American Editor, Department of Electrical and Computer Engineering, Clarkson University, Potsdam, NY 13699-5720, USA; or may be submitted through a member of the Editorial Advisory Board (address inside front cover). Submission implies that the manuscript has not been published previously nor currently submitted for publication elsewhere.

All contributions, whether articles, correspondence or reviews, must be sent in triplicate and typed on one side of the paper, with wide margins and double-line spacing throughout. Any minor corrections should be made neatly in the typescript, leaving the margins clear. The author is invited to nominate up to five possible referees, who will not necessarily be used.

Articles must be accompanied by a brief, informative rather than indicative, abstract. Headings should be set out clearly but not underlined. Primary headings should be in lower case, at margin, with arabic numeral; subheadings should be numbered 2.a., 2.b., etc., and tertiary headings, 2.a.1., 2.a.2. No cross-references should be given by page number, but 'above' and 'below' should be used with the section specified, e.g. Section 2.a.2. The SI system of units should be used. The author should mark in the margin of the manuscript where figures and tables may be inserted. References to points in larger works should, where possible, quote the page reference, e.g. Ager, 1981, p. 102.

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