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A Book on C

Third Edition

**B. A. E. Meekings
T. P. Kudrycki
and
M. D. Soren**

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For
Marion, Judy and Paul,
Toby, Tim, Lucy, and Ben,
Denver,
Kasia

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Preface

When we wrote the first edition of this book, it was with the intention of providing an introduction to a powerful and complex programming language. As C gained in popularity, it became apparent that a simple introduction was not enough, and the second edition included a number of topics which we had originally regarded as "advanced". The third edition is expanded yet again, and now covers the new ANSI standard C.

Although the C standard was the principal reason for the third edition, we have made other changes - for example, the style analysis suite has been rewritten entirely in C, rather than using a variety of UNIX system tools; and we are now able to offer the text of all the examples, plus the style program and a mini-compiler, in machine-readable form on a floppy diskette.

We believe that we have a unique approach to the teaching of a programming language, with emphasis on programming style and a structured methodology, as well as on details of the language itself.

C appears set to be the "language of choice" for many professional and recreational programmers for at least the rest of the decade. We hope that learning it gives the same lift to your programming experience as it has done to ours.

September 1992

Tom Kudrycki

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Michael Soren