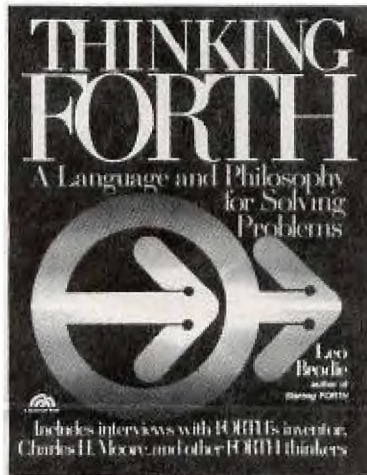


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M G MILLERS GRAPHICS



THINKING FORTH

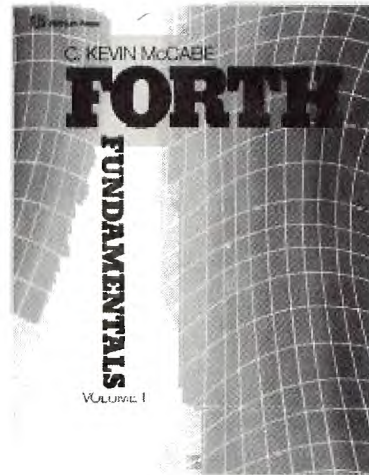
Thinking Forth is a new book written by Leo Brodie that is for anyone interested in writing software to solve problems. It focuses on design and implementation: deciding what you want to accomplish, designing the components of the system, and finally building the program. This book stresses the importance of writing programs that not only work but that are also readable, logical, and that express the best solution in the simplest terms. Even though most of the principles described in the book can be applied to ANY LANGUAGE, they are presented in the context of Forth.

Thinking Forth is thinking simple, thinking elegant, thinking flexible. It is not restrictive, not complicated, not over general. You do not have to know Forth to benefit from this book. Thinking Forth reviews fundamental Forth concepts and takes you from initial specification of the software project through the analysis and implementation process, showing you how to simplify your program and still keep it flexible. Both beginning and experienced programmers will gain from it.

Along with above material this book also includes interviews with a variety of Forth professionals and the inventor of Forth, Charles Moore. This book is a much welcomed addition to any serious software author's library. Approx 300 pages - 6x9 paperback.

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FORTH FUNDAMENTALS Vol 1

This book is devoted to explaining the powerful language of Forth. It introduces you to fig-Forth and Forth-79 with full descriptions of Forth words and programming methods. Provides you with a detailed examination of the language and its internal operations. Gives you fully annotated listings of all fig-Forth language model definitions. Gives you concise, non-technical descriptions of all major Forth word definitions and programming techniques. It also encourages you to try the numerous program examples which are provided and to combine them into more complex operations. The chapter headings include such topics as:

- Fundamental Concepts.
- Numeric Operations.
- Data Storage and Transmission.
- Compilation Fundamentals.
- Conditionals and Compiler Directives.
- Memory Organization.
- Dictionary Arrangement and Management
- Dictionary Expansion.
- Text Strings and Terminal I/O.
- Mass Storage Management.
- Source Code Storage and Editing.
- Initialization, Interpretation and Error Recovery.

Since TI Forth was modeled after fig-Forth this book should help any TI Forth programmer with the concepts and development of software.

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CHECK DISK	COPY WRITE	HEAD STEP	PAUSE	USE DSR
COMMAND FILE	EDIT SECTOR	MOTOR SPEED	READ TRACK	WRITE SECTOR
CHECK MEMORY	FORMAT DISK	OUTPUT DEVICE	SEEK TRACK	WRITE TRACK

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Forth Fundamentals Vol 2 is a complete combined glossary and detailed examination of each core word of the fig-Forth model and Forth-79. Both experienced and inexperienced programmers should find that volume two is a convenient reference. Moreover, the glossary contains full annotations for each fig-Forth word that is defined in terms of other Forth words. The definitions provide good examples of language usage.

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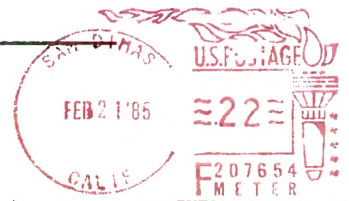
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