Thinking Forth is a book about the philosophy of problem solving and programming style, applied to the unique programming language 'Forth.' Published first in 1984, it could be among the timeless classics of computer books, such as Fred Brooks' *The Mythical Man-Month* and Donald Knuth's *The Art of Computer Programming*.

Many software engineering principles discussed here have been rediscovered in eXtreme Programming, including (re)factoring, modularity, bottom-up and incremental design. Here you'll find all of those and more—such as the value of analysis and design—described in Leo Brodie's down-to-earth, humorous style, with illustrations, code examples, practical real life applications, illustrative cartoons, and interviews with Forth's inventor, Charles H. Moore as well as other Forth thinkers.

If you program in Forth, this is a must-read book. If you don't, the fundamental concepts are universal: **Thinking Forth** is meant for anyone interested in writing software to solve problems. The concepts go beyond Forth, but the *simple beauty* of Forth throws those concepts into stark relief.

So flip open the book, and read all about the philosophy of Forth, analysis, decomposition, problem solving, style and conventions, factoring, handling data, and minimizing control structures. But be prepared: you may not be able to put it down.

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Leo Brodie has been thinking professionally about software development since 1980, when he joined Forth, Inc. as a technical writer. He has also served as a consultant, author, developer and program manager for companies including IBM, NCR, Digalog Corp., Microsoft, and Real Networks. He also authored *Starting Forth* (Prentice-Hall, 1981).

ISBN 0-9764587-0-5
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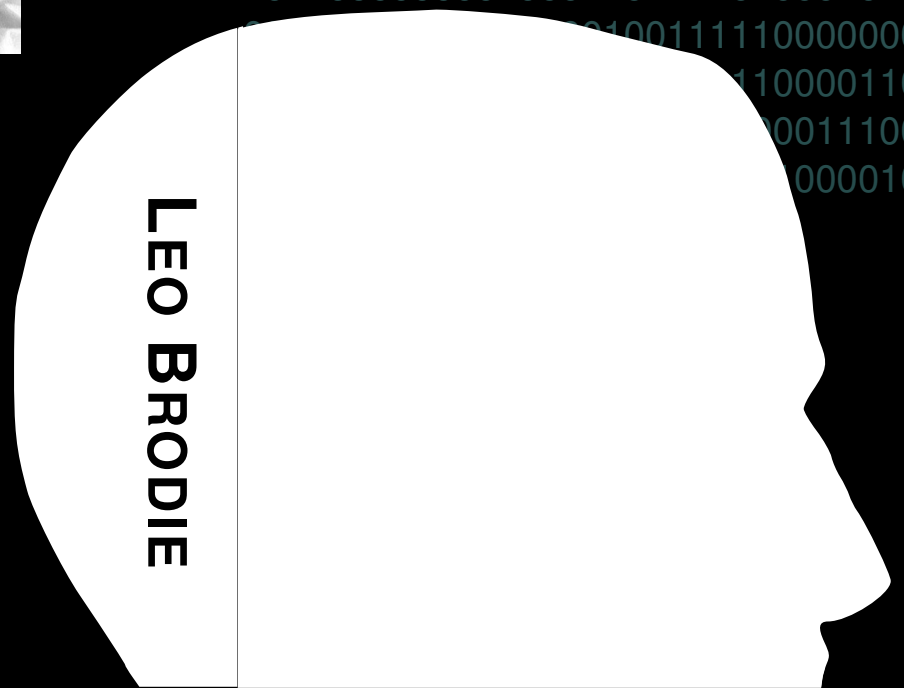
THINKING FORTH

Leo Brodie

THINKING FORTH

A Language and Philosophy for Solving Problems



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Includes interviews with Forth's inventor Charles H. Moore and other Forth thinkers