
Stanley Letovsky received his BA from Cornell University, where he was a College Scholar specializing in neurobiology and computer science. From 1979 to 1981 he was a research associate in the cardiovascular research laboratory at Harvard Medical School, where he developed software for analyzing analog measurements of cardiac function. Letovsky received his MS in computer science from Yale University in 1982. He is currently working at Yale on a PhD in artificial intelligence. His research interests include automatic programming and the psychology of programming.

For Programming Professionals:
an expanding family of compatible, high-performance, Forth-83 Standard compilers for microcomputers

For Development: Interactive Forth-83 Interpreter/Compilers
- 16-bit and 32-bit implementations
- Full screen editor and assembler
- Uses standard operating system files
- 400 page manual written in plain English
- Options include software floating point, arithmetic coprocessor support, symbolic debugger native code compilers, and graphics support

For Applications: Forth-83 Metacomplier
- Unique table-driven multi-pass Forth compiler
- Compiles compact ROMable or disk-based applications
- Excellent error handling
- Produces headerless code, compiles from intermediate states, and performs conditional compilation
- Cross-compiles to 8080, Z-80, 8086, 68000, 6502, 8051, 8096, 1802, and 6303
- No license fee or royalty for compiled applications

For Speed: CForth Application Compiler
- Translates "high-level" Forth into in-line, optimized machine code
- Can generate ROMable code

Support Services for registered users:
- Technical Assistance Hotline
- Periodic newsletters and low-cost updates
- Bulletin Board System

Call or write for detailed product information and prices. Consulting and Educational Services available by special arrangement.

Elliot Soloway is an associate professor in the Department of Computer Science at Yale University. He is also vice president at Compu-Teach, Inc., a New Haven company that produces educational software. In addition, he consults for a number of major software and AI companies. Soloway and his research group at Yale are exploring programming from an AI/cognitive science perspective, with particular interest in the implications of this work for software engineering and education.

Soloway has a BA in philosophy from Ohio State University and MS and PhD degrees in computer and information science from the University of Massachusetts in Amherst.

Readers may write to the authors at Yale University, Dept. of Computer Science, PO Box 2158, New Haven, CT 06520.