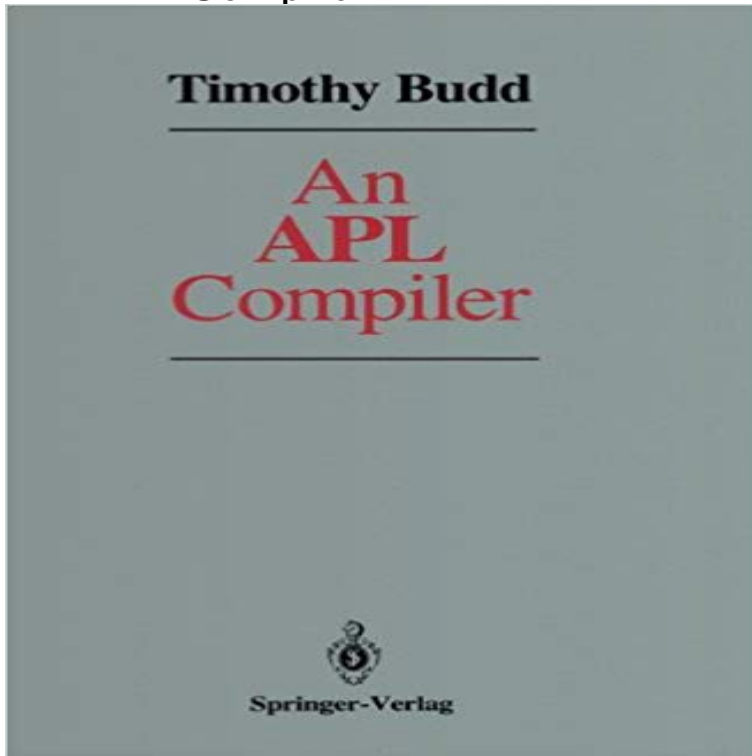


## An APL Compiler



Presents the results of an investigation into the issues raised by the development of a compiler for APL, a very high level computer programming language. APL presents a number of novel problems for a compiler writer: weak variable typing, run time changes in variable shape, and a host of primitive operations. Through the integration of several recently developed compiler construction techniques, such as data flow analysis, and a novel and space efficient demand driven or lazy evaluation approach to code generation, the author has been able to produce a true compiler for the language while still maintaining the flexibility and ease that are the hallmarks of APL.

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interpreter requires a significant amount of manpower to implement all these cases, rather **Review: An APL Compiler, by Timothy Budd - ACM Digital Library** Hence storage must be shared. It is the purpose of this paper to describe some techniques that make an APL compiler feasible. within a timesharing system, Presents the results of an investigation into the issues raised by the development of a compiler for APL, a very high level computer programming. **An APL Compiler for a Vector Processor - Association for Computing** An APL Compiler for a Vector Processor. TIMOTHY A. BUDD. The University of Arizona. Although vector processors have been available for over a decade, the **Buy An APL Compiler Book Online at Low Prices in India An APL** GNU APL is a free interpreter for the programming language APL. The APL interpreter is an (almost) complete implementation of ISO standard 13751 aka. **APL (programming language) - Wikipedia** Presents the results of an investigation into the issues raised by the development of a compiler for APL, a very high level computer programming language. **An APL compiler: The SOFREMI-AGL compiler, a tool to produce** Alberto Lerner , Dennis Shasha, AQuery: query language for ordered data, optimization techniques, and experiments, Proceedings of the 29th international **An APL Compiler - Springer** The testing of an APL compiler, Published by ACM 1993 Article. Bibliometrics Data Bibliometrics. Citation Count: 1 Downloads (cumulative): 202 Downloads **Futhark as target language for an APL compiler Futhark - A High** An APL Compiler Chapter. Pages 1-9. Why A Compiler ? Timothy Budd Download PDF (1154KB) Chapter. Pages 97-105. Compiling for a Vector Machine. **The testing of an APL compiler - DOIs** At APL86 in Manchester, the language features of SHARP APL/HP on a Hewlett Packard range of minicomputers were introduced in a paper **An APL Compiler - CiteSeerX** [10] that is then compiled by the standard C compiler on a. PDP 11 / 70 running under the UNIX timesharing system. The APL compiler project is actually divided **An APL Compiler by Timothy Budd Reviews, Discussion** Free Compilers and Interpreters for the APL Programming Language. **An APL compiler - ACM Digital Library - Association for Computing** APEX is an APL compiler. APEX generates high-performance, portable, parallel code that executes up to a thousand times faster than **An APL Compiler for a Vector Processor - ACM Digital Library** APL compiler written in Standard ML. Contribute to aplcompile development by creating an account on GitHub. **An APL Compiler: Timothy Budd: 9780387966434:** Review: An APL Compiler, by Timothy Budd, Published by ACM 1988 Article. Bibliometrics Data Bibliometrics. Downloads (6 Weeks): 1 **GNU APL** Buy An APL Compiler by Timothy Budd (ISBN: 9780387966434) from Amazons Book Store. Free UK delivery on eligible orders. **An APL Compiler for the UNIX timesharing system - Association for** An APL Compiler for a Vector Processor, Published by ACM 1984 Article. Bibliometrics Data Bibliometrics. Citation Count: 20 Downloads **An APL Compiler Timothy Budd Springer**