

TOME OF COPY PROTECTION

Bruce Jones & Lane Roathe

Forewords from:

John Romero & John Morris

Produced by:

Brian Wiser & Bill Martens



Apple PugetSound Program Library Exchange

Tome of Copy Protection

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PRODUCTION

Brian Wiser → Design, Layout, Editing, Proofreading

Bill Martens → Proofreading, Production

Lane Roathe → Editing, Proofreading

John Morris → Proofreading

Antoine Vignau → Proofreading

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About the Authors

Bruce Jones

Bruce Jones became interested in the Apple II computer while attending high school in Pueblo, Colorado. Later, while attending the University of Southern Colorado, Bruce acquired an Apple II Plus with a floppy drive. At this time Bruce began learning about copy protection, primarily how to circumvent it in order to make copies of games and other programs.

After graduating from the University of Southern Colorado, Bruce moved to the Dallas, Texas area to find paying work. He continued to contribute to the Apple II community for several more years, including the *Tome of Copy Protection*. Bruce also wrote a number of articles in *Computist* magazine and others.

Lane Roathe

Lane Roathe is credited in over 256 titles, in roles ranging from developer, designer, writer, and producer, on titles ranging from games and word processors to disk utilities. Some of his noteworthy titles include: *Dark Castle*, *Galactic Patrol*, *V for Victory*, *Disk Utility Package*, *QASM*, *WriteAway*, and *Quicken Mac*. He formed his first company, LightningWare as a junior in high school. After high school, he formed Blue Mountain MicroWare (later just Blue Mountain Micro). In 1989 he co-founded Ideas From the Deep with John Romero, and IFD continues to operate to this day. Visit ideasfromthedeep.com to learn more.

Lane's interest in copy protection began the way it did for most everyone else, trying to make a copy of a game he purchased. This soon led to boot tracing and disassembling every protected disk he could find, as well as most of the disk utilities like *FID*, *Locksmith*, etc. in an effort to learn everything he could about how the Disk II 5.25" drive worked. Today, Lane works at Quicken, Inc. on the macOS version of the industry-leading personal finance software, *Quicken*.

Together

Bruce and Lane attended the University of Southern Colorado. While Lane only attended a semester before dropping out, the two quickly became friends based on their common interest in learning about copy protection on the Apple II. They spent many hours figuring out how to copy the latest program – discovering the inner workings of RWTS, and learning how to create their own disk read/write code.

Eventually this interest turned into a two-year effort to learn, code, and document the copy protection and copying software presented in this book. These were initially written as short "notebooks" which generally covered about a chapter as presented in this book. Some of this knowledge was published in the *Computist* books, but mostly was distributed via hand-printed and collated "notebooks" sent via postal mail and advertised in the back of magazines like *Computist*.

If it were not for the fine folks at Apple PugetSound Program Library Exchange (Call-A.P.P.L.E.), Brian Wisner and Bill Martens, this tome of knowledge would have never been available in book fashion, and only a scant few would have ever known of its existence. We are extremely grateful for their efforts and assistance in bring our dream into reality.

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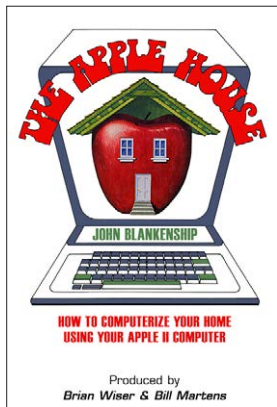
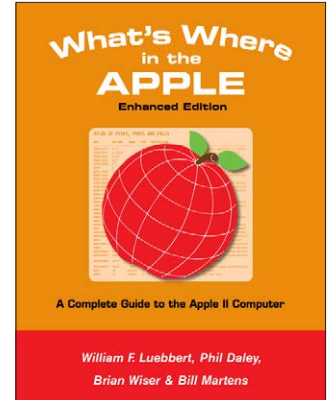
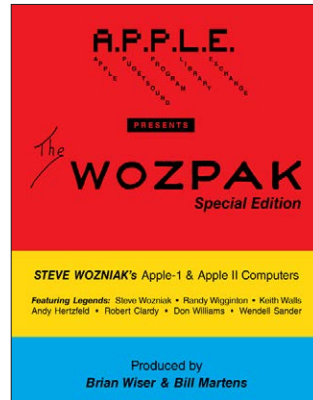
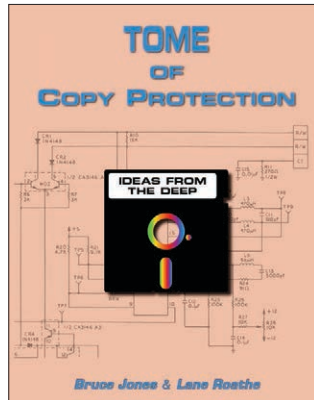
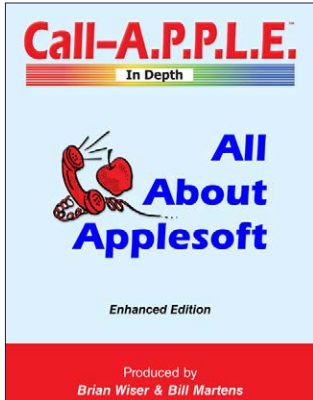


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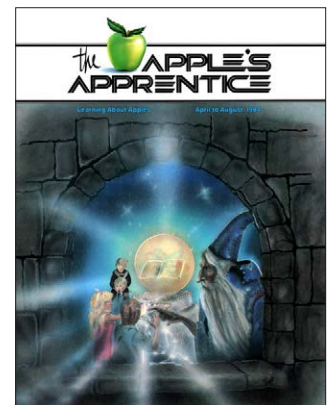
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