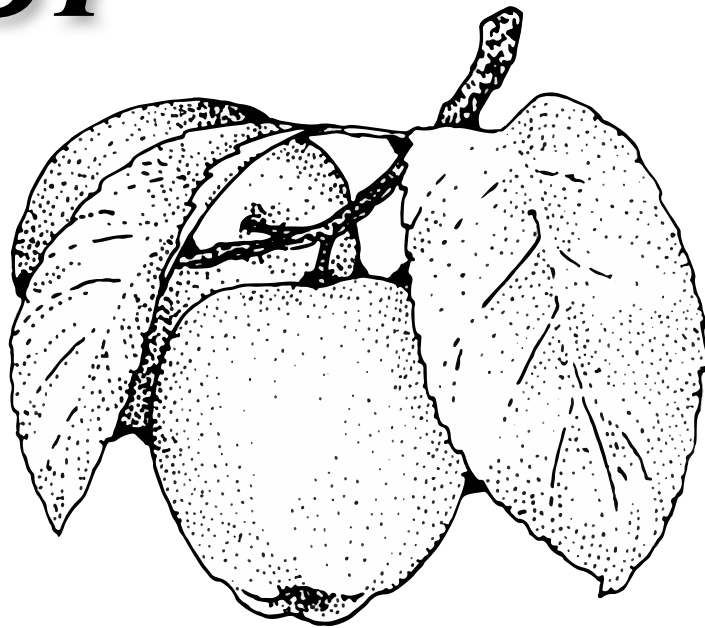


APPLE SOFTWARE PROTECTION DIGEST



Jules H. Gilder

Produced by
Brian Wiser & Bill Martens



Apple PugetSound Program Library Exchange

Apple Software Protection Digest

Copyright © 2021 by Apple Pugetsound Program Library Exchange (A.P.P.L.E.). All Rights Reserved.
Published by Apple Pugetsound Program Library Exchange (A.P.P.L.E.)

www.callapple.org

Paperback ISBN: 978-1-6671-0450-8

Hardback ISBN: 978-1-6671-0448-5

ACKNOWLEDGEMENTS

Apple Software Protection Digest was a publication that lasted six issues, originally published in 1985-1986 and copyright by Jules H. Gilder and Redlig Systems, Inc.

Produced in coordination with and permission from Jules H. Gilder.

This new compilation is copyright by A.P.P.L.E. as the publisher. No claim to copyright over *Apple Software Protection Digest* is created outside of those portions created by A.P.P.L.E..

Special thanks to Alexander Kaltsas for donating the issues.

The Cover and Book were designed by Brian Wiser.

PRODUCTION

Brian Wiser → Cover Design, Apple logo colorizing, Layout, Writing, Editing, Scanning

Bill Martens → Gilder Biography, Production

DISCLAIMER

No part of this book may be reproduced, distributed or transmitted in any form or by any means, including photocopying, scanning, or other electronic or mechanical methods, without prior written permission of the publisher, except in the case of brief quotations contained in articles and reviews, and program listings that may be entered, stored and executed in a computer system, but not reproduced for publication. Thank you for respecting the intellectual property of the authors and publisher.

Disk images may be available from the publisher's site: www.callapple.org. No warranty of disk images is made or implied and should be used at your own risk.

Apple Software Protection Digest is an independent publication and has not been authorized, sponsored, or otherwise approved by any institution, public or private.

All images are under copyright and the property of Apple Pugetsound Program Library Exchange, or as otherwise indicated. Use is prohibited without prior permission.

Apple and all Apple hardware and software brand names are trademarks of Apple Inc., registered in the United States and other countries. All other brand names and trademarks are the property of their respective owners.

While all possible steps have been taken to ensure that the information included within is accurate, the publisher, producers, and authors shall have no liability or responsibility for any errors or omissions, or for loss or damages resulting from the use of the information and programs contained herein.

About Jules H. Gilder



Jules H. Gilder is a pioneer in the use of personal computers. He was one of a handful of people to purchase and use the original Apple-1 computer, on which he taught himself 6502 assembly language programming. Since then he has taught hundreds of people both BASIC and assembly language programming in courses at New York University and private seminars.

He has been editor-in-chief of *Personal Computing* magazine, vice president of software for Children's Television Workshop, and editorial director of Hayden Software.

Gilder is the author of eight books covering telephone accessories, integrated software, and science and engineering programs in Pascal and BASIC for the Apple and IBM PC computers:

110 IC Timer Projects

Apple IIc and IIe Assembly Language

BASIC Computer Programs in Science and Engineering

IBM PC Programs in Science and Engineering

More Telephone Accessories You Can Build

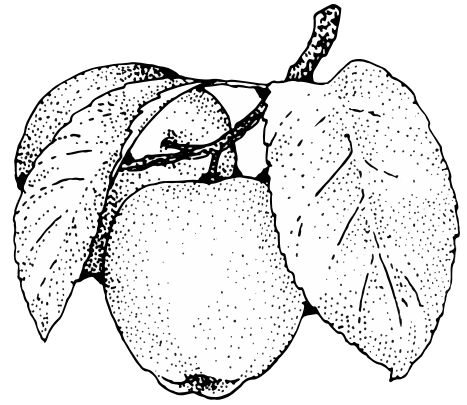
Now That You Know Assembly Language

Pascal Programming: Science and Engineering

Telephone Accessories You Can Build

In 1985, Gilder published the first issue of *Apple Software Protection Digest*, dedicated to the subject of protection and how it relates to software for the Apple II series of computers. Six issues were produced by the end of 1986.

APPLE SOFTWARE PROTECTION DIGEST



Vol. 1, No. 1 — Premiere Issue 1985

Editorial: Learning to Live with Protection (by Jules H. Gilder)	1
Hiding Applesoft Program Lines	2
Applesoft Line Finder	3
Applesoft Line Finder (program)	4
Protection Tutorial – Part I	6
Auto-Running Programs	6
Making Them Hard to Copy.....	6
Skip Track 3 Formatter (program).....	6
Adding Extra Tracks	8
Backing Up <i>The Print Shop</i>	10
Print Shop Copy Program.....	10
Review: <i>Copy][Plus</i>	11

Vol. 1, No. 2 — January/February 1986

Editorial: A Little Late, But Better Than Ever (by Jules H. Gilder)	1
Using COPYA to Backup Protected Disks	2
COPYP Maker (program)	2
How to BRUN Applesoft Programs	4
BRUN Maker for Applesoft Programs (program)	4
Parameter Files for COPYP	6
<i>Print Shop Companion</i> (by Stan Kelley)	6
<i>Sensible Grammar</i> and <i>Bookends</i> (by Allen L. Southmayd).....	7
<i>PFS Series</i> – ProDOS Version	7
<i>Time Is Money</i>	9

<i>Homeword</i>	9
<i>Homeword Speller</i>	9
Change the BLOAD Address of Binary Files	9
Letters	10
Hiding Machine Language Programs in Strings	11
Two Solutions to the Hide-A-Line Problem (by Mark Landwehr)	12
Applesoft Line-Hide #1 (program)	12
Applesoft Line-Hide #2 (program)	13
Hiding Program Lines from BASIC (by Eric Wachtenheim)	14
A Handy Decimal/Hexadecimal Converter	15
Hex/Decimal/Hex Converter (program)	15
Applesoft Line Finder and Vanisher (by Adam Levin)	16
Wipeout: The Ultimate Weapon of Destruction	17
Review: <i>Locksmith 5.0G</i> (by J. Scott Barrus)	19
Protection Tutorial – Part II	20
Formatting a disk	20
Getting on the track	20
What a formatted track looks like	20
What's the address?	20
Encoding the user data	21
Hexadecimal to Binary Converter (program)	21
Making your own protected DOS	22
4 + 4 Byte Encoder (program)	22

Vol. 1, No. 3 — 1986

Editorial: Some Publishers Dropping Protection (by Jules H. Gilder)	1
Cracks Wanted	2
Crack Index	2
Letters	2
How to Crack a Program	3
Parameter Files for COPYP	6
<i>Applewriter IIe</i>	6
<i>Financial Cookbook</i>	6
<i>Hayes Terminal Program</i>	11
<i>Microwave</i>	11

Add Undeatable Lines to Your Program	7
All Line Numbers to 65535 (program)	7
Moving the Catalog to Another Track	9
Review: The quickLoader ROM Card	10

Vol. 1, No. 4 — 1986

Editorial: Help Spread the Word (by Jules H. Gilder)	1
Crack Index	2
Bugs	2
<i>Print Shop Copier</i>	2
<i>Print Shop Companion</i>	2
Tutorial – Part II	2
Letters	2
Protect and Unprotect Programs with <i>Muffin Plus</i> and <i>Demuffin Plus</i>	3
6502 Relocator (program by Steve Wozniak, modified by Jules H. Gilder)	4
Protection Tutorial – Part III: All About Self-Sync Bytes	7
Cracks Wanted	8
How to Restore Lost Applesoft Programs	9
&RESTORE (program)	9

Vol. 1, No. 5 — 1986

Editorial: The Judge Was Wrong (by Jules H. Gilder)	1
Cracks Wanted	2
Bugs: <i>Print Shop Companion</i>	2
Letters	2
Crack Index	2
DOS 3.3: In the Back Door, Through the Drive Door	3
DOS Command Comparer (program)	3
How to Crack "It's the Pits" (by Philip Goetz)	5
The Ultimate Line Hider (by Grant Stevens)	6

Vol. 1, No. 6 — 1986

Editorial: Better Software Warranties (by Jules H. Gilder).....	1
Cracks Wanted	2
Next Issue	2
Letters	2
Crack Index	2
How to Crack <i>Dazzle Draw</i> (by The Executor & Byte Doc)	3
Five Byte Disk Analyzer (by David Stoll).....	6
Unprotecting <i>Locksmith 5.0</i> (by Brian A. Troha)	8
COPYP File Parameters – <i>Karate Champ</i> (by Brian A. Troha)	9
Review: <i>Locksmith 6.0</i> (by Scott Barrus).....	10