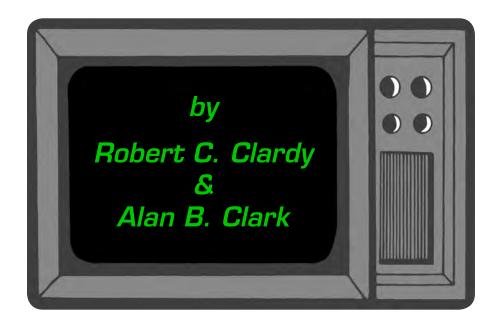
Double High

A Double High-Resolution Text Generator for the Apple II



Produced by: **Brian Wiser & Bill Martens**

Double High

Copyright © 2022 by Apple Pugetsound Program Library Exchange (A.P.P.L.E.) All Rights Reserved. www.callapple.org

ISBN: 978-1-387-88697-5

ACKNOWLEDGEMENTS

Double High was created by Robert C. Clardy and Alan B. Clark, and originally published by Synergistic Software in 1987. This new manual was produced in coordination with Robert C. Clardy of Synergistic Software and is released with his permission.

Sirius Fonts (36 Large) by Sirius Software 1982.

Apple with TV art from *Higher Text II* manual originally designed by Anson. Colorized and modified by Brian Wiser.

The Cover and Book were designed by Brian Wiser.

PRODUCTION

Brian Wiser → Cover, Design, Layout, Editing
Bill Martens → Screenshots, Layout, Disk Updates

DISCLAIMER

No part of this book may be reproduced, distributed or transmitted in any form or by any means, including photocopying, recording, 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 which may be entered, stored and executed in a computer system, but not reproduced for publication.

Double High disk images are available from the publisher: www.callapple.org. No warranty of disk images is made or implied and should be used at your own risk.

Double High 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 the Authors

Robert C. Clardy

Robert C. Clardy has been a computer game developer and programmer for home desktop computers and video game machines during the entire lifespan that those devices have existed – over 20 years from the late 1970s through the 1990s and beyond. His experiences encompass birth pains, growth pains, triumphs, failures of the industry, and the many businesses that sprang up and thrived or died during those years.

In early childhood, Robert developed a habit of regular change, always pursuing some new experience or adventure while leaving the familiar behind. This habit encouraged a lifelong fondness for adventures, whether those are in books, movies, games, or software. More importantly, it also encouraged adventures with new business models as well as committing to new computers and industries which did not exist even a short time before.

In 1979, Robert quit his stable and secure-career job with Boeing Aerospace, founded Synergistic Software, and devoted his life to writing software for the Apple II as well as other new home desktop computers as they appeared. Robert wrote adventure games first, but later, the search for change encouraged him to also write utility, business, and educational software.

Robert learned about, programmed, and produced software for many desktop computers and video game machines, as they were released and had their brief time in the sun. Synergistic's computer software development included systems such as the Apple II, Apple IIGS, Atari 800, Atari ST, Commodore VIC-20, Commodore 64, Commodore Amiga, Macintosh, and the IBM PC, along with video game systems such as the Super Nintendo and Sega Genesis.

Synergistic Software was well-known for their variety of games, including: *Dungeon Campaign, Wilderness Campaign, Bolo, Crisis Mountain, Odyssey: The Compleat Apventure, Apventure to Atlantis, Microbe*, and many others.

Beyond Synergistic's own published games, Robert adapted, produced, and programmed noteworthy computer titles published by other companies such as: *Aargh, New York Warriors, Sidewinder, Thexder, War In Middle Earth, Spirit of Excalibur, Conan: The Cimmerian*, and many others. Memorable arcade game adaptations include: *Donkey Kong Jr., Jungle Hunt, Pole Position*, and *Pitstop II*.

Robert's years running Synergistic Software spanned the birth, growth, and total explosion of an industry that had not even existed before that time. Companies and industry giants came and went during the 20 years that Synergistic participated in every aspect of the industry, with many of the major business players of the time. He produced software not only for his own company, but also for other major publishers such as Atari, Activision, Blizzard, Electronic Arts, Epyx, Sierra On-Line, Mindscape, Sony Imageworks, Time Warner, and Virgin Games.

In 1997, Robert quit his long time job with Synergistic Software and started new ventures in a virtual office world that was just then becoming practical. Email, Skype, and sharing files online permitted a business that included principles from around the world, working together to produce products that were marketed online to a download-centric audience. Again, this was a new frontier of technology businesses that Robert surfed and enjoyed.

That pursuit of new experiences colored the rest of Robert's life as well, as he sought out personal adventures in the real world. While never the most extreme at anything he tried, Robert has always been comfortable with where he was, what he did, and the sheer exuberance that comes from trying new things and finding he truly loved every minute of it. If there is a motto for his life, it would have to be, "That was fun, what's next?"

Read more about Robert in his autobiography *Cyber Jack: The Adventures of Robert Clardy and Synergistic Software*. A compilation of enhanced Synergistic Software game manuals from 1978-1982 is in the book *Synergistic Software: The Early Games*. Both books are published by A.P.P.L.E..

Alan B. Clark

Alan B. Clark was a programmer who worked for the Boeing Company in Seattle. He was drawn away from there by Christopher P. Anson, creator and owner of the game publisher Ultrasoft. Alan's earliest commercial works created at Ultrasoft are *Mask of the Sun* and *The Serpent's Star*. He also created the programming language and tools that were used for the program.

Alan also worked with Synergistic Software and Sierra On-Line, authoring a number of titles including: *Double High, L.A. Law, Beverly Hillbillies*, and *Shadowkeep*. He had more than 40 authorship and production credits in various mainstream computer games at the time of his death in April 1999 at age 40. His last work included *Police Quest: SWAT 2* and *King's Quest: Mask of Eternity*, both released in 1998.



Overview	1
Programming with <i>Double High</i>	5
Features and Commands	9
Font Editor	17
Font Naming Conventions	18
Character Editing	18
Movement Controls	19
Editing Controls	19
Loading and Saving	20
Using <i>Higher Text</i> Fonts	20

Wo	orking With Fonts	21
Pro	oportional Fonts	22
No	n-Proportional Fonts	23
Co	lor Fonts	23
Bitmap	Editor	25
Fonts .		27
Sirius	Fonts	31
Other I	Fonts	41
Comm	and Reference	43
Glossa	ıry	45

DOUBLE HIGH - BASIC FEATURES

Double High lets you print text to the double high res screen.

You can print text in 80 column mode if you use the appropriate font.

You can also use 40 column fonts if you prefer.

Or, use big fonts!

Or bigger fonts...