For Immediate Release

Contact: John Cook
        Apple Computer, Inc.
        408-974-3145

        Roy McDonald
        Connectix Corporation
        800-950-5880 (voice)
        415-324-2958 (fax)
        AppleLink: CONNECTIX

CONNECTIX MODE32 TO BE DISTRIBUTED AT NO CHARGE BY APPLE

CUPERTINO, California — September 5, 1991 — Apple Computer, Inc. and Connectix Corporation today announced a distribution agreement under which Apple has acquired the rights to distribute at no charge Connectix's popular Apple® Macintosh® software utility, MODE32™. The software provides users of Apple's Macintosh II, IIx, IIcx, and SE/30 systems access to the powerful memory addressing features of System Software 7.0.

Under the terms of the agreement Connectix has provided Apple with a version of the software licensed for unlimited copying by Apple, its authorized resellers and any end-user. Apple is distributing copies of the software to major Macintosh installations, user groups, and reseller locations worldwide.MODE32 will also be made available on the CompuServe, America OnLine, AppleLink and other electronic bulletin board services (see Editors's Note below).

Financial details of the announcement were not disclosed.

MODE32 is Connectix's fourth major commercial memory management utility for the Macintosh. The software lets users of Macintosh IIx, IIcx and SE/30 systems access up to 128 MB of physical RAM using System 7 and Mac II customers up to 72MB, which was not possible previously on these four systems. MODE32 is not needed for the Macintosh LC, IIci, IIsi, IIfx; it is not useful on the Macintosh Plus, SE, Classic or Portable.

Apple further announced that a future release of its system software would incorporate similar capabilities to MODE32. 32-bit addressing is a feature of System 7.0 that allows the Macintosh to access up to 128 MB of physical memory or up to 1024 megabytes (one gigabyte) of virtual memory. Without MODE32 or equivalent software, certain Macintosh models (II, IIx, IIcx and SE/30) do not have the internal capabilities to take advantage of 32-bit addressing.

"This agreement with Connectix is a win for our customers," said Eric Harslem, Apple vice president, Desktop Systems. "We see our work with Connectix as providing an immediate and proven solution to those customers who have switched to System 7 and want to add more RAM now. Over time, we'll take additional steps to integrate a solution into our

standard our system software."

"Making MODE32 available to the entire Macintosh community was the best approach for Apple to take," noted Roy K. McDonald, President of Connectix. "This agreement demonstrates that today, Apple is strengthening its commitment to supporting its users by working closely with third party system software developers."

Current owners of MODE32 can receive a refund from Apple for their purchase. US customers should contact The Apple Customer Assistance Center at (800) 776-2333. Customers will be directed to return the original product diskette for an automatic refund of $100. If a valid sales receipt for a larger amount is enclosed (up to the original list price of $169 plus tax) the full purchase price will be refunded. To qualify for the refund the product must have been purchased prior to September 5, 1991, and the diskette must be received by Apple or postmarked no later than December 31, 1991. Customers outside the US should contact their local sales office for program details.

The Apple USA Customer Assistance Center will provide all users of the product installation and usage support as well as answering questions on virtual memory, RAM installation or other System 7.0 related features.

This distribution agreement pertains only to MODE32. Connectix's other Macintosh utilities -- MAXIMA, HAND-Off II, OPTIMA and VIRTUAL -- are unaffected by this agreement and continue to be sold through their normal commercial distribution channels. These utilities are not licensed for copying, posting on bulletin boards or any other unauthorized distribution.

Connectix designs, manufacturers, distributes and publishes innovative products for the Macintosh family of computers. Effective September 1, 1991 Connectix has relocated to new facilities at 2655 Campus Drive in San Mateo, California 94403. For more information call Connectix at (800) 950-5880, international (415) 571-5100, fax (415) 571-5195, or AppleLink CONNECTIX.

Apple Computer, Inc. is a leading manufacturer of advanced computer systems for educational institutions, business and the home.

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Apple, the Apple logo and Macintosh are registered trademarks of Apple Computer, Inc.

MODE32, OPTIMA 2.0, MAXIMA 2.0 and Virtual 3.0 are a trademark of Connectix Corporation.

Editors' Note: As of today, Apple and Connectix have begun an aggressive campaign to post MODE32 on many electronic services:

- AppleLink. MODE32 can be found in the "Apple Products" area under "System 7 Information,"
"Software," "Third Party Software Upgrades for 7.0," "Connectix MODE32"
 MODE32 can also be found under the Connectix Icon in the "Third Parties" area beginning
September 10.
- Internet MODE32 can be found on the Apple FTP site (ftp.apple.com, IP 130.43.2.3) in the
/ftp/dts/mac/mode32 directory. Use account anonymous and your site name as a password.
- America Online (path, "System 7," "System 7 and Related Software," "System 7 and Supporting Software")
- Compuserve ("GO MACAVEN", select Section 8)
- BIX

Apple/Connectix Agreement
Questions & Answers
9.5.91

Q. What is Apple announcing today?
A. Apple is announcing 3 things:

• We recognize our commitment to fulfill the obligation to Macintosh II, IIx, IIcx, and SE/30 customers who want to address additional physical dynamic random-access memory (DRAM).

• Apple has signed an agreement with Connectix under which their product, MODE32 (introduced 2 months ago), will be made available at no charge to all Apple customers. MODE32 lets the Macintosh IIx, IIcx, and SE/30 address up to 128 MB of physical DRAM and the Macintosh II address up to 68 MB of physical DRAM.

• Apple will incorporate, in a future version of system software, long-term support for additional memory addressing for these models.

Q. What about Connectix customers who have already purchased MODE32 at the retail price?
A. Customers who purchased MODE32 prior to today can get a refund from Apple simply by sending their original MODE32 disk to Apple at:

Apple Computer, Inc.
Attn: MODE32 Refund Program
20525 Mariani Avenue, M/S 73P
Cupertino, CA 95014

(Outside the USA, please contact your nearest Apple business office.) Apple will send you a check for $100 within 8 to 12 weeks. If you paid more than $100, simply send your receipt along with the disk and we will refund the full amount of the receipt up to $169.00.

Q. If I have questions, whom do I call?
A. Call Apple at 1-800-776-2333.

Q. Where can I get a copy of MODE32?
A. As of today, Apple and Connectix have begun an aggressive campaign to post MODE32 on many electronic services:

• AppleLink. MODE32 can be found in the "Apple Products" area under "System 7 Information,"
"Software," "Third Party Software Upgrades for 7.0," "Connectix MODE32"
 MODE32 can also be found under the Connectix Icon in the "Third Parties" area beginning September 10.
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/ftp/dts/mac/mode32 directory. Use account anonymous and your site name as a
password.

• America Online (path, "System 7," "System 7 and Related Software," "System 7 and
Supporting Software")
• Compuserve ("GO MACAVEN", select Section 8)
• BIX

MODE32 was also sent, via AppleLink, to all Macintosh user groups around the world.
Apple field personnel will receive a disk copy of MODE32 on or about September 13th.

Q. Where can I get an instruction manual?
A. A "Read Me (MODE32)" file is available on line with MODE32 and contains all the
necessary installation instructions.

Q. Are there any known compatibility issues with MODE32?
A. We know of only 2 compatibility issues with MODE32. None of these compatibility
issues is serious and we expect that all will be addressed by the manufacturers of the
individual products.

1. Disklock. When Disklock is activated, MODE32 is disabled.
2. MacDraw Pro. When text is selected, in certain modes, the selection is offset
by a small amount.

Note: Additional memory addressing above 8 MB is available only when your Macintosh
has 32-bit addressing turned on. Some applications may not run correctly in 32-bit mode.
Therefore, applications that are not 32-bit compatible will not run properly even when
MODE32 is present.

Q. How does MODE32 work?
A. MODE32 is a control panel that works with System 7. Like all control panels, installing
MODE32 under System 7 is easy. Just drag it to the System Folder. MODE32 must be
turned on from its control panel. Open the control panel and select "enable." Then,
without restarting, open the Memory control panel. The 32-bit addressing capability and
larger virtual memory (VM) space (except for VM in Macintosh II machines that do not
have a PMMU installed) become available. You will have to restart for any changes you
make to the Memory control panel to take effect.

Q. When do I need MODE32?
A. If you own a Macintosh II, IIx, IIcx, or SE/30 and you wish to install more than 8 MB of
physical DRAM or access more than 13 MB of virtual memory.

Q. Do I need MODE32 for other Macintosh models?
A. No. Some models (LC, IIsi, IIci, or IIfx) already have the ability to address more RAM
without MODE32. The Macintosh Plus, Classic, SE and Portable models do not benefit

from MODE32.

Q. Does this affect the commercial status of any other Connectix products?
A.   No. Connectix will continue to sell four other Macintosh utilities, HAND Off II, Optima 2.0, Maxima 2.0, and Virtual 3.0, as commercial products. These are licensed for single-user, single-system use and may not be copied or distributed through bulletin board services.

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