



## NETWORK NEWS...

### Dial-in AppleTalk... Stay in Touch with Liaisonet

Does this sound familiar?—

*It's 10 pm and the kids are finally in bed. You rush to boot up your Mac so you can finish that proposal that's due tomorrow, only to find you've brought home the wrong disk. Now you'll have to drive back to campus to get it, losing valuable time and even more sleep...*

Thanks to the advent of Liaisonet networking software, you need never suffer such ordeals again. Once installed on your Macintosh, Liaisonet allows you to establish an AppleTalk connection via modem with UOnet. While connected, you can

- use the same AppleShare file servers you access from campus
- print to any AppleTalk-connected printer on campus
- run any TCP/IP-based applications that use MacTCP (e.g., Telnet, Eudora, TheNews, XferIt)

For instructions on how to install and use Liaisonet, check the Liaisonet folder in the Network Software section of the Computing Center's Public Domain library. You may access the Mac public domain library from any properly configured Mac that's connected to UOnet. If you don't have other access to UOnet, you may reserve time on a Mac in the Microcomputer Services Center (Room 207) by calling 346-4412. See the free handout, "Macintosh CC Public Domain Disk," in the Services Center for information on how to use the Center's public domain libraries.

Prospective users should note that computing via Liaisonet is considerably slower than what they're used to on campus. Consequently, most people will want to avoid copying or printing documents or launching applications at 2400-Baud except in cases of dire emergency. Operations at 9600-Baud are more satisfactory, yielding data transfer rates of about 500 characters per second.

If you have further questions about the new Liaisonet software, call Rich Haller at ext. 6-1716, or send an e-mail message to RHALLER@PHLOEM.

### Eudora Brings VAX Mail to Your Mac

Mac users on UOnet may now bring VAX mail directly to their desktops, without having to log in on a VAX system. With the recent installation of a new mail server (POP3) on the VAXcluster, networked Mac users may now run *Eudora*, a Mac mail application, to read and process VAX mail. *Eudora* enables you to

- enter and edit text in full-screen format, using standard mouse-based Mac text editing
- specify intervals at which the program checks for and notifies you of new mail
- archive your correspondence in a hierarchical folder system on your Mac
- use nicknames for people and groups
- attach Mac-formatted documents to mail sent to other *Eudora* users
- address network mail without the IN% prefixes

Unlike AppleTalk-based mail systems such as QuickMail, *Eudora* can use your regular VAX mailbox as an in-box. This means that you can read VAX mail either on your Mac, using *Eudora*, or, if your Mac is unavailable, from your regular VAX account, using VMS MAIL. *Eudora* provides all the advantages of VMS MAIL, including Computing Center support, plus a Mac user interface. And, since reading mail with *Eudora* takes very little CPU time, you won't be charged for VAX processing or connect time.

To run *Eudora*, you need

- a Mac with an Ethernet or LocalTalk UOnet connection
- a hard disk with at least 1 megabyte of free space to accommodate both the program and mailboxes
- a Computing Center VAX account
- a copy of *Eudora* installed on your Mac

You may copy *Eudora* from the Computing Center's Public Domain library, using any properly configured Mac that's connected to UOnet. For more information, pick up a copy of the free handout, "Getting Started with *Eudora* at the U of O," available in the Computing Center Documents Room.

## Attention, Network Public Domain Users!

### Keep an eye on the clock...

Because people occasionally forget to log out of the Public Domain libraries after using them, the Center has been experiencing some minor file server problems. File server connections are limited, so it is imperative that everyone free up their connections as soon as possible to allow others a chance to use the facilities.

To disconnect from the PC-SIG library, you'll need to log off file server Zeus. If you're on the AppleShare network, log out by dragging the Public Domain icon(s) to the Trash on your desktop.

### P.S. ...

Last month's *Computing News* article about the PC-SIG CD-ROM may have misled some readers. The article characterized the new public domain disk as being "an encyclopedia of shareware," software that may be copied and tested by the user before purchase. However, the PC-SIG disk also contains a large collection of "freeware," software that may be copied and retained at no cost.

Another possible point of confusion was the instruction to access the PC-SIG library from any "properly configured" PC that is connected to UOnet, the campus network. "Properly configured" means that your PC must be *directly* connected to UOnet (i.e., not connected via modem) and must have the Novell drivers loaded. PC-SIG resides on the Zeus file server.

## System 7 on the Way

Computing Center staff are currently working to make Apple's newly-released System 7 software available for installation from one or more UO network servers. Among numerous other improvements and innovations, Apple's latest system upgrade features file sharing between AppleTalk-connected Macs, built-in multi-tasking, interactive online help, and the advanced font technology of TrueType™.

Once it's available on a network server, System 7 may be installed using any properly configured Macintosh that's connected to UOnet. The new system is more complicated to install than previous upgrades, and Center staff advise waiting until it is more easily accessible from the Public Domain library or other network server. Those who can't wait may copy it now from the SE/30 Public Domain station in the Microcomputer Services Center (Room 207). During Summer Session, the Services Center will be open Monday through Friday, 9:30am - 4:30pm. Call 346-4412 to reserve copying time.

Note that you will need to bring 11 diskettes with you, and that careful study of the README file is essential before copying.

## Summer Workshops...

### Summer Workshops

Each term the Computing Center offers a series of free, non-credit workshops to University faculty, staff, and students. This summer's offerings, some featuring special new evening times, are listed below.

Note that the *Introduction to Electronic Mail* session requires pre-registration, whereas the Macintosh workshops are offered on a drop-in basis. Pick up a flyer at either of the Center's reception counters for brief descriptions of the workshops.

For more information, call Howard Loewinger at ext. 6-1718.

**Introduction to Electronic Mail (165 Computing Center)—requires pre-registration**  
Tuesday, July 9            2 - 4pm            \*Call ext 6-1700 to register\*

**Introduction to Macintosh (185 Computing Center)—drop-in**  
Tuesday, July 16            2 - 4pm  
Tuesday, July 23            7 - 9pm \*note special evening time\*

**Advanced Macintosh (175 Computing Center)—drop-in**  
Friday, July 19            2 - 4pm  
Thursday, July 25            7 - 9pm \*note special evening time\*

## National Computing Competition Seeks to Assist the Disabled

Johns Hopkins University is currently sponsoring a national search to discover existing inventions and inspire computing innovations that will aid children and adults with physical or learning disabilities. All U.S. residents involved in computing, whether as amateurs or professionals, are

invited to contribute their ideas. All invention rights will remain with contestants.

The deadline for entries is *August 23, 1991*. The competition will attempt to categorize entries as

- computer-based devices - hardware invented or

## Computing Competition (cont.)

- modified for the purpose, or working hardware and software that can demonstrate a new application
- *software only* - specialized software programs for standard computers
- *paper design* - written descriptions of ideas not yet implemented

Over 100 awards, including a \$10,000 grand prize, will be given to the winning entries. Contestants submitting the

10 best entries selected for the national awards will be invited to exhibit their entries at the Smithsonian Institution in Washington, D.C., and to participate in ceremonies and a workshop.

For further information and a competition entry kit, write  
 Johns Hopkins National Search for Computing  
 to Assist Persons with Disabilities  
 P.O. Box 1200  
 Laurel, Maryland 20723.

## STAT CORNER

### *Speak Up...*

#### Don't Miss the Social Science Research Survey

On June 3, the Social Science Archive Committee sent all UO faculty members a two-page survey to determine the most desirable data sets for social science research.

If you're a faculty member and haven't received a copy of the survey, you may request one from committee chairman Bob O'Brien in the Department of Sociology.

Don't miss this chance to speak up about data sets you'd like to be able to use, and to inform the committee of problems you may have had with machine-readable social science data in your research.

#### "S" Is NeXT

This summer, the Computing Center will be adding the popular statistical package *S* to its two NeXT systems, DECOY and DOEK. NeXT is offering the package for the nominal charge of \$15 per workstation per year. If you have an account on OREGON and would like to know more about using *S* on DECOY or DOEK, send an e-mail message to Audun Runde (username AUDUN).

Those who have their own NeXT systems may contact Audun for licensing information.

#### Minitab Introduces Menu Interface

If you use the PC or Macintosh versions of MINITAB, you'll be interested to learn that new MINITAB Version 8 offers the option of a full menuing interface. This is the first version of MINITAB to offer a true Mac interface.

The Version 8 menu option supplements the standard MINITAB command conventions, allowing users to choose their execution method.

MINITAB offers a special 10% discount to academic users who order a Version 8 upgrade before July 31. This discount is only applicable to those who use the Standard Version; users of the Student or Fundamental versions should contact MINITAB directly for upgrade information. (MINITAB, Inc., 3081 Enterprise Drive, State College, PA 16801; phone 814-238-3280; FAX 814-238-4383).

#### "A Mummy Unveiled"...

"A Mummy Unveiled," "Megabytes to Medicine," and "Microburst Alert" are some of the intriguing subjects explored in a recently-acquired video from the National

Center for Supercomputing Applications at the University of Illinois. The video, now available for checkout in the Computing Center Documents Room, presents some of the scientific visualization work performed on Crays and other high-performance computing platforms.

Those interested in arranging for Cray time on NCSA's machines should send an e-mail request to Rich Haller (username RHALLER).

#### SAS WHERE Statement

Even without indexing, SAS 6.06 can subset directly as part of a procedure if you use a WHERE clause. Below is an excerpt from a traditional SAS code, which, while perfectly acceptable, could be modified to be more efficient:

```
libname mystuff base '['];
data subset;
  set mystuff.mastfile;
  if major='engl';
run;
title 'currently enrolled english majors';
proc print;
  var name cumgpa;
```

This code brings in an existing SAS dataset (MYSTUFF.MASTFILE), selects only the cases which have MAJOR equal to the value 'engl', and prints a report. A more streamlined way to achieve the same results would be to incorporate a WHERE clause in the code, i.e.,

```
libname mystuff base '[';
title 'currently enrolled english majors';
proc print data=mystuff.mastfile;
  var name cumgpa;
  where major='engl';
```

Other useful features of the WHERE facility is its Soundex-based "sounds-like" capability, and the ability to include "wildcard" characters.

- Joe St Sauver

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