



Essentials

Books 24x7 Available to UI

Do you need information on using computer hardware or software? Are you looking for information on a computer language or an operating system? Have you gone to the library looking for information on a computer-related topic and discovered that the book you need is checked out or missing, or that the library was closed? If you answered "yes" to any of these questions, then your life just got easier.

The University of Iowa Libraries has reached agreement with Books24X7.com to provide University of Iowa students, faculty, and staff with electronic, full-text access to the contents of over 500 current books covering a broad range of computing-related topics. Subjects covered include certification, databases, desktop and office applications, graphic design, hardware, networks and protocols, operating systems, programming, and web development. This access is available 24 hours a day, 7 days a week from your dorm room, apartment, office, lab, home, or library.

Books24X7 is available at <http://purl.lib.uiowa.edu/books24x7>. Access is limited to University of Iowa students, faculty, and staff.

The University of Iowa Libraries are currently making this service available on an experimental basis for the remainder of 2001 to test the effectiveness of providing books on selected topics in electronic format. Users are encouraged to send comments or questions on this service to: John Forys (john-forys@uiowa.edu) Head, Engineering Library, Rm 2005 LIB.

~ John Forys

Third & Final Notice: F77-built IMSL Libraries Going Away



In September 2001, HP will cease all support for F77, the Fortran 77 compiler. In the February 2000 issue of *Essentials*, the CSS Newsletter, we started to encourage those of you using F77 for development to move to the Fortran 90 (F90) compiler. Anticipating this transition, we also upgraded our IMSL F77 libraries to F90. In the Nov. 2000 issue, we reviewed the timeline for moving to F90 and the F90-built IMSL libraries.

The F77-built IMSL libraries will be removed at the end of this semester (May 2001).

How do you know which version of the libraries you are using? If you use the setup file `iptsetup.csh` (or `iptsetup.sh`), then you are still using the F77-built IMSL libraries. Now is the time to switch to the F90-built libraries. To do so, use the setup file for the F90-built version of the libraries: `/usr/ui/class/aux/imsl_setup.csh` (or `imsl_setup.sh` for a Korn shell).

If you have questions about usage, please see me (1248 SC) or the CSS consultants (1253 SC).

~ Susan Beckett

In This Issue

Books 24 x 7	1
Final Notice: F77 Libraries Going	1
CSS Main Office	2
CSS Is Moving	2
EASY Course Software Survey	2
End of telnet, rlogin	2
Remote Access Service	3
Unix Software News	4
Summer Move & Summer Notices	4
More Mail Storage	5
User Forum: You Tell Us	5
e-jams	6
Disk Usage Graph	6



CSS Main Office

The CSS Main Office (1256 SC) is where students, faculty, staff, and various representatives come for many different questions. Everyone who gets an account with CSS comes to the office to pick up their account information. It is nice being able to meet everyone who is new to the college when they come in for their accounts. Sheila Arndt, Doug Eltoft, and Katie Sidwell all work in the main office. Katie started working in CSS as an Office Assistant last fall and helps with many different tasks. She is an English major with a Business minor and will be graduating December 2001. Katie ran in the Chicago Marathon last fall and enjoys running and lifting in her spare time.

What happens in the main office? New students come to pick up their computer account information. Returning students come for password resets or to add to their print quota. (Students get \$6.00 of printing credited to their account at the beginning of the semester; when their paper quota runs out, they can purchase additional printing.) Many people come in the office looking for Doug Eltoft, and an important part of each day for Sheila is keeping track of Doug. We can handle simple questions and problems, but refer more complex questions across the hall to the CSS consultants in 1253 SC or to a CSS staff member.

Main office staff say it's hard to predict what each day will bring. Some days can be very chaotic!

~ Sheila Arndt

CSS Is Moving

When classes resume in the fall, CSS will be back on the 3rd floor, approximately where parts of us were before. The Black and Gold Labs are in their permanent positions and won't be moving. The consultants will be in the 3rd floor office during daytime hours and in an office near the labs during evening hours. Come find us. We'll reward successful searches for the CSS offices.

EASY Course Software Survey

CSS will conduct its first EASY course software survey this spring. Regular semester software surveys will be conducted each semester in order to get a better sense of engineering software usage and correlations between teaching software and specific classes. We thank you in advance for your cooperation.



End of telnet, rlogin

Have you used telnet to connect to the Engineering network recently? If so, you should have noticed the following notice:
Warning: telnet dies on Tuesday, 29 May.
Start using SSH with SecureCRT now. Call CSS consulting, 5-5055, for help.

Because both telnet and rlogin are not secure ways to connect to machines on the Engineering network, CSS will remove that access on 29 May, as noted in the announcement above.

Rather than using telnet or rlogin, you should be using SSH (Secure SHell). In the last issue of *Essentials*, February 2001, there was an article "Using SSH" about SSH and the client program SecureCRT. Read that issue on-line at http://css.engineering.uiowa.edu/nl/essentials/feb_01.pdf or pick up a copy in the CSS Consulting office, 1253 SC. That article talks about how and why to use SSH and how to download SecureCRT. Rather than repeat ourselves, go to that source for information.

As always, if you have questions about using SSH, the login.engineering.uiowa.edu connection, configuring SecureCRT, or using SecureCRT, talk to the CSS consultants, 5-5055, 1253 SC. Go to the CSS download site to get SecureCRT: <http://imap.engineering.uiowa.edu/download.html>

~ Diana Harris



Remote Access Service for Faculty & Staff

ITS sent out the following note regarding Internet access for faculty and staff. (Students already have Internet access that is paid for out of student fee funds.)

.....

Information Technology Services is pleased to announce dial up remote access for University of Iowa faculty and staff as a pilot service. This is similar to the remote access service that students have had available since August. The remote access service is designed for faculty, staff, and students who need to gain access to University web based resources for academic and work related systems from outside the office with minimal expense.

All currently enrolled students already have access to this remote access service at no charge as long as they can access the system through a toll free call. Information regarding local calling can be found on the web site listed below. Faculty and Staff must subscribe to the service and are charged a monthly access fee of \$5.00 for local usage. The \$5.00 monthly service charge occurs only if the service has been used within any given month. A low-cost, long-distance access number, 1-866-759-IOWA (4692) is available for calls outside the local area. There is a usage fee of 10 cents per minute for this access. For more information regarding this service refer to:

http://www.its.uiowa.edu/its/cs/helpdesk/remote_access/index.htm

Effective July 1, 2001 the University's modem service (33)5-6200 will be discontinued. The equipment is very old, difficult to get support, and the service provides such a limited set of features that it can't be operated effectively anymore. Although the mechanics may be different, all of the previous functionality is available with the new service. All users needing access to University of Iowa computing services from off campus are advised to use the new remote access service as soon as possible.

What does this notice mean to you?

This is a University-supported, Internet dial-up service that gives you the same sort of service as many Internet Service Providers (ISP). You use a local number to dial in and get access to Internet resources. If you are out of the local area, you use a low-cost, long-distance access number. With a modem and software loaded on your computer, you can use this service to browse Web pages and read your mail, for example.

Why might you choose to use this service? Or why not?

If you pay an ISP and use that service only locally, this is a great deal. The ITS service is \$5.00/month if you use the service during the month. During a month that you don't dial-in, you are not charged. If most of your use of an ISP is local, that is from your home, the ITS service is probably cheaper than paying another ISP.

What reasons are there not to use the service? It isn't as fast as a cable modem or DSL, as the ITS service supports connections up to only 56Kb. If you travel out of Iowa frequently and use your ISP while travelling, this service may be more expensive. When out of Iowa you use a \$.10/minute long-distance access number. There is no support for international calls.

Read this ITS web page for information about the service:

http://www.its.uiowa.edu/its/cs/helpdesk/remote_access/index.htm

If you have questions about your account, contact the ITS Customer Information Desk at 384-0800, or send email to its-information@uiowa.edu.

To use this new service, complete the Faculty/Staff Remote Access Services Application Form available at:

http://www.its.uiowa.edu/its/cs/helpdesk/remote_access/remote_access_form.pdf

Return the completed form to the ITS Customer Information Desk (CID), 100 Lindquist Center South, or fax it to the CID at (319) 335-5505. The CID will email you with the information needed to get started.

~ Doug Eltoft



Patran

Release 2000 (r2) of Patran was recently installed. To run the new release, select **Comm Apps | Patran | Other Versions | Next Release**. The new release will become the default version on June 1, 2001.

Fluent & Gambit

Fluent has been upgraded from 5.3 to 5.4.8 and Gambit upgraded from 1.2 to 1.3.2. To access the new versions, run the new setup file, then execute the desired Fluent or Gambit command.

In a C shell, type:

```
source /usr/ui/class/aux/  
fluent54_setup.csh
```

In a Korn shell, type:

```
./usr/ui/class/aux/fluent54_setup.sh
```

VIP & IDL

New VIP and IDL licenses have been installed. If you have installed VIP or IDL on your PC, you will need to obtain a new license.dat file. Copy the file K:\rsi\license\license.dat to the appropriate location on your local machine. If you do not see the '.dat' extension, copy the file named 'license'. Or copy the license.dat file from our download site:

<http://imap.engineering.uiowa.edu/download.html>

Versions 1.4 of VIP and 5.4 of IDL have been installed on Unix. To run VIP 1.4, select **Comm Apps | VIP | Other Versions | Next Release**; to run IDL 5.4 **select Comm Apps | VIP | Other Versions | Next Release** or run the IDL 5.4 setup file and then type **idl** at the command prompt. To source the setup file, type:

In a C shell:

```
source /usr/ui/class/aux/idl54_setup.csh
```

In a Korn shell:

```
./usr/ui/class/aux/idl54_setup.sh
```

F77-built IMSL libraries reminder

The F77-build IMSL libraries will be removed from the system on May 21, 2001. To use the F90-build IMSL libraries instead, source the following setup file:

```
usr/ui/class/aux/imsl_setup.csh
```

~ Susan Beckett

The building remodel is scheduled to be finished by the end of June. This means a big, final round of moves for the faculty and staff to their new digs. As part of this move, your computer will have to be shut down, taken apart, moved, then set back up. Tell CSS when you are scheduled to move. We will ensure that your computer gets moved and is functional at its new location. If you have any questions or concerns, feel free to contact us at 5-5751.

If you have a self-administered or non-College computer, make sure that it is shut down before your move. Then contact CSS when you get to your new space, and we will help you get your computer functional again.

~ Doug Eltoft

Summer Notices: Read These

Summer in the Labs

Beginning this week, part of the Black Lab will be shut down for cleaning. The Black Lab may stay closed all summer to help with the power curtailment occurring University wide. All four sections of the labs will be closed for a week or so on a rotating basis during the summer so that CSS can thoroughly clean those computers.

Curtailed Email Service

On Tuesday, 15 May, there will be no email service from 6pm to midnight. CSS is upgrading the mail server at that time.

Power Outage

On Saturday and Sunday, 23-24 June, there will be no power in the Seamans Center. The contractors will be doing some final testing at that time. Do not plan to work in the building or access the Engineering Computer Network at that time. Details will be available later.

More Mail Storage

Mail server storage quota for all faculty and staff has been increased by 25%, from 80mb to 100mb. To find out how much of your mail quota you are using, go to <http://imap.engineering.uiowa.edu/mailtools/index.html#mstatus>

Of course, having more space means that most of us will use more, and possibly run out of space. Here are things to do to use your mail quota efficiently:

1. Don't save messages because you need the sender's address. Add those addresses to your address book, then delete the message. Here's how to add an address:
 - **Eudora:** Highlight the message (you don't need to open it), and select **Special | Make Address Book Entry**.
 - **Netscape:** Highlight the message (you don't need to open it), right click, and from the drop-down menu, select **Add Sender to Address Book** or **Add All to Address Book**. Or when the message is highlighted, from the Message pull-down menu, select **Add Sender**.
 - **Pine:** Open a message and press **T** (TakeAddr).
1. Delete mail that you have read and no longer need. (repeat)
2. When exchanging email about a topic and you and the sender are adding your comments to the received piece of mail, delete all but the most recent message.
3. Delete messages that consist of "Ok." "I will." "Thanks."
4. Delete copies of messages you have sent by removing them from the Out (Eudora) or Sent (Netscape) or sent-messages-month (Pine) folders. Or don't set the mail to save copies of messages by default. (Eudora: **Tools | Options | Composing Mail** | uncheck Keep copies; Netscape: **Edit | Preferences | Mail & Newsgroups | Copies & Folders** |

uncheck When sending a mail message, automatically... Place a copy in folder imap.engineering... Pine doesn't keep copies by default.)

5. Don't save copies of attachments you send to others. Eudora doesn't put a copy of the attachment in your mail storage. Netscape does. Delete the copy that is in the Sent folder.

~ Dave Funk

User Forum: You Tell Us

This fall CSS plans to hold a user forum at which you can tell us how to be better computer support people. We hope to learn what would make it easier for our user community — students, staff, and faculty — to deal with us when calling with questions or needing help. For CSS, this will be an information-gathering session. We plan to listen while you talk.

Here is the sort of information we hope comes from this discussion forum. You might suggest that we speak common English instead of jargon. You could tell us how we should respond when you call for help: should we point you to documentation, suggest several things that might fix the problem, or do you want to wait until someone can come fix it for you? When someone from CSS helps you on the computer you are using, who should do the typing at the keyboard: you or us? You could suggest topics for future training sessions. We plan to have one session for students and another for faculty and staff.

After these information-gathering sessions, we'd like to have another forum based on ideas generated in the initial sessions. Look for announcements after the dust settles from all the summer moves and classes have started. But start thinking now about things to tell us. If you cannot wait to tell us, you can send me email (<mailto:diana-harris@uiowa.edu>) with your thoughts, or send mail to suggest@engineering.uiowa.edu.

~ Diana Harris

e-jams

[This is the column where you ask questions and we give the answers. Sometimes the questions come to me in a rather free-form way, though the answers are not. The idea that any question is fodder for this column inspired the name: e-jams.]

Q: I do not know how to map a network drive. Help!

A: Find the "My Computer" icon on your desktop, and click on it with the right mouse button. Select the menu item **Map Network Drive** with your left mouse button.

From the Drive: pull-down menu, select a letter bigger than G but not H,J, or K, (so I,L,M,N,O,P,Q,R,S,T,U,W,X,Y, or Z); none of these letters are used by CSS to define network drives. It is your choice which of those letters you use, and the letter choice doesn't affect the files or where they are actually stored.

For Path, type `\\winserv1\engweb` and click **OK**.

Double click on the "My Computer" icon on your desktop. Look for the letter that you selected in the above dialog box. It should have the label, "engweb on winserv1". That is the location of the files that make up your web site.

[Editor's note: there are lots of reasons you need to map a drive. In this case the asker had lost a mapping to the Windows share that

contained files of the departmental web pages. Though the response is specific to that situation, the principles apply to any drive mapping you may need to do. From My Computer, right click to select Map Network Drive. Select a letter for the drive mapping. If you are working in the Seamans Center on a CSS-administered machine, for Path: use **winserv0**; coming from outside or on a self-administered machine, use **winserv1**. The name that follows winserv# is the share name and will be specific to the share you have access to.]



Disk Usage Graph

As we noted in the November 2000 issue of *Essentials*, CSS has been tracking disk usage to get an idea of usage trends and network-wide storage needs. Here is the current graph showing average daily disk use from September 2001-April 2001. It is too big to reproduce in the printed version of the newsletter, but if you are reading this on-line, click on this [link](http://css.engineering.uiowa.edu/nl/essentials/may_01.pdf) or go here (http://css.engineering.uiowa.edu/nl/essentials/may_01.pdf) now.

- Susan Beckett

Essentials is a publication of the Computer Systems and Support (CSS) in the College of Engineering at the University of Iowa. **Essentials** is published during the year whenever there is sufficient news to report to the user community. You have permission to re-print all or part of this newsletter for nonprofit purposes if you 1) acknowledge this source, and 2) send a copy of your publication with the reprinted material to: Newsletter Editor, Computer Systems and Support, 1253 SC, University of Iowa, Iowa City, IA 52242.

This issue:

Editor: Diana Harris. Contributors: Sheila Arndt, Susan Beckett, Doug Eltoft, John Forys, Dave Funk, David Grimmer, Diana Harris, Matt McLaughlin

Hours

Computer Labs — The Gold (1231 SC) Lab is open 24 hours/day, 7 days/week. If you are in the Seamans Center before it closes, you can use the computer labs after the building closes. The Black Lab (1220 SC) is closed for the summer.
Consulting, 1253 SC — M-F 9am – 5pm
CSS Main Office, 1256 SC — M-F 8am – noon, 1-5pm

Web Sites

This newsletter is published first to the CSS web pages at <http://css.engineering.uiowa.edu/nl/essentials>
The CSS pages are found at <http://css.engineering.uiowa.edu>
The College of Engineering pages are at <http://www.engineering.uiowa.edu>
The University of Iowa pages are at <http://www.uiowa.edu>