Benchmarks Online

| CITC Home | Help Desk | Training | About Us | Publications | Our Mission |

Volume 8 - Number 8 * August 2005

Columns

NetworkConnection

Link of the Month

IRC News

RSS Matters

www@unt.edu

Short Courses

Staff Activities

About Benchmarks

Search Archive

Subscribe to Benchmarks

Don't forget our monthly Columns!

Campus Computing News

EIS Status Report

What Every UNT Student Should Know About Computing Services

Summer Hours

Summer Computing News

TODAY'S CARTOON

Return to top

UNIVERSITY OF NORTH TEXAS

Network Connection | Link of the Month | IRC News | RSS Matters | www@unt.edu | Short Courses | Staff Activities

Computing and Information Technology Center Home | Help Desk | Training | About Us | Publications | Our Mission

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[UNT home page](#) | [Search UNT](#) | [UNT news](#) | [UNT events](#)

Benchmarks Online

Campus Computing News

EIS Status Report

By Cathy Gonzalez, EIS Training, Communication, and Administration Manager, CITC

Improved Queries for EIS Functional Users

Walter Bowen, UNT Associate Director of Admissions, reports that in recent weeks, the CITC Administrative Computing Team Manager for Student/Contributor Services, Don Butler, and his team have been working to optimize UNT and HSC Admissions offices' queries, SQR Reports and Crystal Reports projects. "We had several on the admission's side that were developed early in the EIS implementation that were taking an extraordinary amount of time to run, sometimes timing out and occasionally abending because they extended into an EIS maintenance window," said Walter. Query and reporting projects that used to take up to six hours or longer to complete now run in under one minute. The benefits to both the end users and functionality of EIS are vastly improved turn around time to obtain critical reports and a reduction in resource processing time for the EIS production environment.

Queries have historically been a major contributing factor to slowness in production processing time for EIS. If queries are not carefully planned, they become very intensive "resource hogs" on the database. EIS functional users in administrative offices are working with Administrative Computing Services development teams to understand reporting requirements and how to extract data by searching as few database tables as possible.

One common problem area in developing queries is the need to query numerous EIS tables in one query process. Pairing different tables that contain data is known as a "Cartesian Join." The Cartesian product is used in JOIN operations to describe all possible combinations of rows and columns from each table in a database. It was named for René Descartes, a French mathematician. The number of rows in a Cartesian product is equal to the number of rows in the first table times the number of rows in any table joined to the first table. A Cartesian Join that is poorly designed has the ability to produce a runaway query that severely impacts response time in EIS.

The PeopleSoft application places query functionality into the hands of non-technical functional users. In the legacy mainframe world, only the technical teams had this functionality. The dilemma faced by the EIS implementation group was how to assist functional users in making good choices with this new functionality at their fingertips. Being able to use the PeopleSoft query tool was beneficial for end users. They did not have to wait for the technical teams to have time to create the query; on the other hand, it has required a learning curve about the convoluted world of database queries. A win-win situation has been for end users to attempt to develop queries in a non-production environment, then have the development teams test and streamline the queries. Based on the experience of the

Admissions offices both at UNT and HSC, this collaborative solution is working.

EIS Training Resources

Upcoming EIS training events may be found at:

- EIS Training Event Calendar:
  https://projectweb.cc.unt.edu/cm/Lists/Events/calendar.htm

- EIS Timekeeper Training Schedule:
  http://www.unt.edu/eis/WebHelp/EIS_Glossary.htm

- EIS ePro Training Calendar: http://www.unt.edu/pps/trainingcalendar.htm

- Ongoing training is available on WebCT at:
  http://web2.unt.edu/eis/Training/signup_form.php

Return to top

Benchmarks Online

What Every UNT Student Should Know About Computing Services

This article first appeared in the June, 2005 issue of Benchmarks Online. It has been edited slightly for this issue. Also, the Helpdesk has a new resource, Quick Guide to Computing Resources at UNT . -- Ed.

By **Dr. Elizabeth Hinkle-Turner, Student Computing Services Manager**

It is that time of year again: endless freshman, graduate, and transfer student orientations. Lots of students and parents to meet and greet and to inform about all of the many computing services available to them at UNT. After reading a general message to everyone about looking out for these students and helping them as they make their way in their new campus environment, I thought I would give readers a 'head's up' about some basic computing facts that every student needs to know. I give this presentation to all incoming students and their parents but any and all readers may get asked these questions also. Here is your Student Computing Guide for 2005!

The Computing and Information Technology Center and its associates offer a wide range of services to registered students. These include: Internet and E-mail accounts, the my.unt.edu portal for registering for classes and paying bills, the general access computer labs, extensive digital file storage resources, wireless networking, free virus protection, tons of computing training, and the every-ready helpdesk. In addition, Housing offers the high-speed ResNet residential computing network.

Every student is given an E-mail (EagleMail) account. This account is the official means of communication between the university and the students. EagleMail can be accessed at http://Eaglemail.unt.edu. All students should read their EagleMail regularly. If a student already has an E-mail account from someplace like Hotmail or AOL, they can easily forward their EagleMail to that preferred address by going to the Account Management Page at http://ams.unt.edu. This site is invaluable for many other student account services too like changing their enterprise password and checking to see when their current password will expire.

http://my.unt.edu is pretty much 'command central' for many of the registration-and-payment-related activities a student will do. This portal is designed to provide a central web location where UNT community members can access the Enterprise Information System (EIS) and other available online services using a single login. Current UNT Students can use my.unt.edu online services to register for classes, view their course descriptions and pay for tuition. UNT Admission and Financial Aid Applicants can check their admission and financial aid status once UNT creates and sends them an EUID.

*The Music Lab has a lot of specialized hardware and software
for music majors and music enthusiasts*

Even if a student brings a computer to campus, he or she will most likely use the General Access Computer Labs. Students take advantage of the labs' free printing services and also use the labs to access expensive and highly-specialized hardware and software they may need for their major work. The UNT system has 14 general access computer labs including one at the Research Park and one at the Dallas Campus. The labs feature both Windows and Macintosh systems with the highest concentration of Macintosh computers being in the labs located in the Music and Art buildings. The standard software on all machines includes Internet Explorer, Netscape, and Mozilla Firefox browsers as well as the most up-to-date versions of Microsoft Office. A valid UNT student ID card is needed to access these labs. Students should not forget their ID card as they will not be allowed in the labs otherwise. Below is a listing of all the lab locations and some special information about some of them:

- Art 232
- Business 333 - 335
- Chilton 255
- GAB 330
- GAB 550
- ISB 110 (has all "adaptive" and special needs equipment)
- ISB 205C (Graduate Students Only)
- Matthews 309
- Music 238
- Research Park B129 (Engineering General Access Lab)
- System Center Dallas 155A
- Terrill 220
- Willis Library (open 24 hours)
- Wooten 120

UNT Student Storage

UNT Student Storage, located at http://untss.unt.edu, allows students to upload their documents to a centralized digital storage location for safe-keeping and for access to them at any and all other locations. For example, a student could finish writing a paper on their computer in their dorm room, upload it via the easy-to-use web interface to UNTSS, go to a general access lab, and print the paper on one of the lab's nice laser printers to turn in. The greatest thing about this is that it obviates the need for unreliable and virus-prone floppy discs. Each student has 100 MB of storage space.

ResNet UNT's Residential Network

ResNet is the residential ethernet network offered by Housing in all of the dorms and in many surrounding apartment complexes. The ResNet helpdesk number for more information is 940-369-7766 and their website is located at http://www.unt.edu/resnet. ResNet is quite easy to activate for most folks; all one needs is an ethernet card and cable (the cables are for sale in the dorms). Students are **strongly discouraged** from using this great high-speed service to download copyrighted materials! Hollywood regularly scans such networks and the ResNet folks will disconnect your machine if Hollywood calls them and tells them something like, "The computer with IP address 129.xxx.xxx.xx has 'Revenge of the Sith' on it!" A student may be liable for prosecution by Hollywood as has been evidenced by several high-profile cases at other universities. (just wait for 'Sith' to come out on DVD ok?)
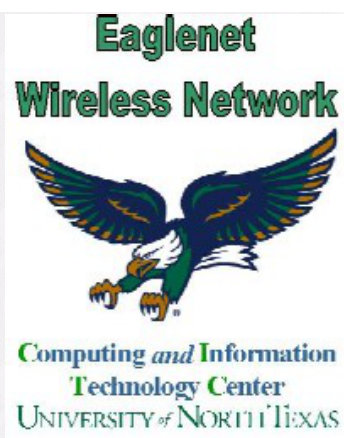
The Eaglenet Wireless website located at http://www.unt.edu/wireless states: "The University of North Texas Computing and Information Technology Center is pleased to bring you Eaglenet, the wireless network at UNT. Eaglenet is available in selected buildings on the Denton Campus and in selected areas in the Research Park. Eaglenet supports the wireless IEEE 802.11b standard that allows you to connect your wireless network equipped laptop or other device to the network without cumbersome cables or wires at speeds up to 11Mbps." Access to the Eaglenet wireless network is accomplished by opening up a browser and logging in with one's EUID and iServices password.

The Graduate Student General Access Lab

Faculty, staff, and students can now download VirusScan 8 to use on their home computers. The software can now be downloaded from http://www.unt.edu/security/antivirus using their EUID and Internet Services (EagleMail) Password. It can also be purchased on CD-ROM at the university bookstore for $3.00. All campus wide virus alerts and other campus virus information can be found at this website. This site should be checked often by students. A frequently updated online manual on all security issues, computing issues and computer etiquette is available at http://www.unt.edu/security.

Our super-powered Helpdesk staff are always ready to help you!

The super-powered UNT CITC Helpdesk staff is always ready to help university community members with their computing needs. New students and their parents are encouraged to contact the helpdesk before even coming to campus if they have specific computing questions. The phone number of the helpdesk is 940-565-2324. Their website is located at http://www.unt.edu/helpdesk and they can be E-mailed at helpdesk@unt.edu. They offer software support, tutorials, and help with all Internet and E-mail accounts. They are also the folks to call with questions about WebCT online courses. Folks are welcome to walk-in to the desk area in ISB 119 during regular business hours.

Many training opportunities are available to students also. Information about short courses in specific applications and printed tutorials can be found at http://www.unt.edu/training. Additionally, lots of online training in Microsoft, Adobe, and Macromedia products as well as the Linux operating system and several server-based utilities can be found on our computer-based training website at http://www.unt.edu/cbt. For more advanced students in statistics courses, help can be gained through Research and Statistical Support services. Check out their website at http://www.unt.edu/rss.

The labs can get busy around exam time - plan accordingly!

This article should provide all UNT community members with the facts they need to help incoming students and their parents during the summer orientations and in the opening days of fall. If anyone has any further questions, the best place to call is always our helpdesk at 940-565-2324.

Return to top

Benchmarks Online

Page One

Campus Computing News

What Every UNT Student Should Know About Computing Services

Summer Hours

Summer Computing News

Today's Cartoon

RSS Matters

The Network Connection

Link of the Month

WWW@UNT.EDU

Short Courses

IRC News

Staff Activities

Subscribe to Benchmarks *Online*

Summer Hours

By Claudia Lynch, Benchmarks Online Editor

Following are the hours for Computing Center-managed facilities for the remainder of the summer:

- The **Helpdesk** , is planning on being **open their normal hours** this summer.

- The **ACS General Access/Adaptive Lab** (ISB 110) schedule:

  - Monday, August 15 - Friday, August 19: 9 a.m. - 6 p.m.
  - Saturday & Sunday, August 20 & 21: **Closed**
  - Monday, August 22 - Saturday, August 27: 9 a.m. - 6 p.m.
  - Sunday, August 28: 1 - 10 p.m.**,** Resume regular schedule.

Hours for Other Campus Facilities

General Access Labs

- WILLIS:

  Monday-Friday, August 15-19: Open 8 a.m.- 5:50 p.m.
  Saturday & Sunday, August 20 & 21: **Closed**
  Monday-Thursday, August 22-25: Open 8 a.m.- 5:50 p.m.
  Friday, August 26: Open 8 a.m. -1:50 p.m.
  Saturday and Sunday August 27 & 28: **Closed**
  Open at 8 a.m. Monday August 29 -- **Resume 24hr schedule**.

- SLIS:

  Special Closings:
   August 13 - 28

- MUSIC:

  Special Closings:
   August 13 - 28

- SCS & SMHM:

  Special Closings:
   August 13 - 28

- SOVA:

Special Closings:
 August 13-28

- [COE](#):

  May 16 - August 12:
   Normal hours.

- [COBA](#):

  Special Closings:
   August 13-26
  August 28

- **[CAS](#):**

   GAB 330:

  Special Closings:
   August 13-28

   GAB 550:

  Special Closings:
  August 13 - 28

   Terrill 220:

  Special Closings:
  August 13 - 28

   Wooten 120:

   Special Closings
  August 13 - 28

- **UNT Dallas Campus- 155A**

  Special Closings:
   August 13
   August 20

   August 15 - 26 - open 9:00 a.m. - 6:00 p.m.

- **Engineering General Access Lab (englab@unt.edu, Research Park, B129, 891-6733)**

   Special Closings
  August 13 - 28

[Return to top](#)

Benchmarks Online

Summer Computing News

By Claudia Lynch, *Benchmarks Online* Editor

Have you been away for the summer? If so, you may want to take note of these articles that appeared in *Benchmarks Online* over the past several months:

May

- A New Look for Bulk Mail -- The new UNT brand and structural changes, many of which are made to closely match the way information is defined in the new EIS system, await you!

- Matlab Comes to Campus - "The CITC Academic Computing Services has secured a campus site license for Matlab and Simulink from Mathworks, inc. Along with these base programs are a number of toolboxes which may be applied to specific problems and processes. The license allows on-campus use by students and research faculty and staff. Research faculty and staff are also allowed home use of the Matlab software under this license."

- **Monthly Features**:

  - **RSS Matters** - Patrick McLeod helps you get "up to speed on our new software."

  - **The Network Connection** - Dr. Baczewski talks about web browsers and asks the eternal question, "Can't we all just get along?"

  - **Link of the Month** - May's feature is Branding.

  - **WWW@UNT.EDU** - Shannon Peevey continues a multi-part series on Apache 2.1. Part II is called "Apache 2.1 Failings: mod_authnz_ldap and mod_authn_file."

June

- The UNT Computer-Based Training Website has been Revised and Updated - The UNT CBT website has been completely revised to reflect the new curriculum offered.

- Current UNT Online Training Contents - A complete listing of all the computer-application training courses we have available online at UNT is given in this article.

- Installing and Using GroupWise 6.5 CD-ROM Training from Thomson NETg - "Don't have time to attend formal classes in GroupWise 6.5 but still desperately need to know how to keep that Viagra spam from getting to your 'in box'? CD-ROM-based

training from Thomson NETg is the answer. Usable on any Windows machine (yep - as usual we poor Mac users are left out in the cold. But...GroupWise is GroupWise: borrow a friend's Windows box and do the training anyway as the Mac/Win versions of the app are virtually identical), the training can be run from the CD-ROM itself or installed on the machine's hard drive (recommended method)."

"Pick up your GroupWise 6.5 training CD-ROM from the CITC Helpdesk folks or from the UNT CBT Administrator, Elizabeth Hinkle-Turner" and follow the instructions in this article on how to install and run the product.

- GroupWise Junk Mail Tutorial: Bulk Tag Explanation - Question: Why is mail tagged BULK: at the beginning of the subject line? Answer: Keywords and phrases within the mail message triggered the spam gateway to mark it as potential junk mail. Click on the link to the article for an explanation.

- RFID Interest Group Forming - "An Interest Group is forming to explore opportunities for collaborative research about emerging RFID technologies (Radio Frequency Identification). This Interest Group represents multiple disciplines at UNT: engineering, computer science, information science, logistics, marketing, management, merchandising, education, and information technology. The technology is touted as having the potential to change the way we live and conduct business. The DFW area has recently emerged as an important center for the technology thanks to Wal-Mart and other retailers' selection of the area to test their RFID initiatives. RFID presents UNT with a golden opportunity to gain recognition for collaborative investigation and research." See the article for further information.

- **Monthly Features**:

  - **RSS Matters** - Rich Herrington gives you a "A Video Introduction to Creating Web Surveys with QSurvey - An Open Source Zope Application."

  - **The Network Connection** - Dr. Baczewski talks about "All the News that's Print to Fit." Read this article and find out the latest on "Really Simple Syndication."

  - **Link of the Month** - June's feature is "Remote Library Research Assistance."

  - **WWW@UNT.EDU** - Shannon Peevey continues a multi-part series on Apache 2.1. Part III is called "Apache 2.1 Failings: mod_authnz_ldap and mod_authn_file."

July

- The CITC Town Meeting - Among the many things discussed at a recent CITC "town meeting" was the re-organization of the Administration Information Systems (AIS) group.

- EIS Status Report - Topics covered in this article include:
  - Benefits of enterprise system are acknowledged by the University community.
  - Human Resources continues EIS accomplishments
  - Office of Enrollment Management counts EIS successes
  - EIS Training going strong

- UNT Data Encryption Recommendations - "News reports of identity theft and

sensitive data loss are becoming all too common . . . Strong password requirements go a long way to thwart hacking attempts, but all passwords can be cracked over enough time. Encryption of sensitive data provides an extremely helpful layer of security." Detailed discussion continues within the article.

- [Coming this Fall: GroupWise 7](#) - "The folks at Novell have spent a lot of time and effort to bring you an even more robust and feature rich messaging system. Currently, Network Computing Services is testing the public beta for GroupWise 7 with much success, and anticipates no problems with deploying this update to the UNT computing community this fall." The article lists of some of the features that you can expect from GroupWise 7.

- [Importing a GroupWise Address Book into Apple's Address Book Program](#) - "Importing a GroupWise Address Book into Apple's Address Book program is a simple task to accomplish, but you'll need to use the GroupWise client on the PC to do it." For further information, click on the link to the article.

- **Monthly Features**:

  - **[RSS Matters](#)** - Patrick McLeod talks about "Stata 9: Introduction to Mata."

  - **[The Network Connection](#)** - Dr. Baczewski talks about "Dancing Indiscrete." Read this article for Baczewski's take on the latest RIAA and MPAA developments.

  - **[Link of the Month](#)** - July's feature is "Mean Green Sports."

  - **[WWW@UNT.EDU](#)** - Shannon Peevey completes a multi-part series on Apache 2.1. Part IV is called "Apache 2.1 Failings: mod_authnz_ldap and mod_authn_file."

[Return to top](#)

Benchmarks Online

Page One

 Campus Computing News

What Every UNT Student Should Know About Computing Services

Summer Hours

Summer Computing News

Today's Cartoon

 RSS Matters

 The Network Connection

 Link of the Month

 WWW@UNT.EDU

 Short Courses

 IRC News

 Staff Activities

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Today's Cartoon

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www.glasbergen.com

"No, nobody stole my identity. I just sort of misplaced it after I got married and had children."

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Return to top

Benchmarks Online

Network Connection

By Dr. Philip Baczewski, Director of Academic Computing and User Services

Maps Galore

For a long time, I thought that MapQuest was one of the coolest sites on the Internet. If you can remember to pre-Internet days, you know that finding a detailed map of even your own local city wasn't always easy, and finding a particular street via that arcane map street index was nearly impossible (just look somewhere in the N-5 square). MapQuest made finding an address on a map much easier. You just enter the address and you get a map. With the addition of driving directions, this was a quantum leap forward for auto-based navigators everywhere.

MapQuest and a few others set the early standard for Internet map sites. In the early days, MapBlast was an independent competitor of Mapquest, but it is now part of the Microsoft empire, Microsoft having employed its usual practice of buying other companies which have done stuff much better than they could. MapsOnUS is another site which provides a basic mapping service, but they seem to be just licensing Microsoft's online maps to support their online yellow and white pages business. More recently, Yahoo has entered the maps fray, and even Amazon has released their own maps site which is still under development.

All of these sites operate in similar ways. You can enter an address or location and then see a map which matches that location as closely as possible. You can scroll in each of the major compass point directions and zoom in or out to get more or less detailed view. Once you find a location, you can get driving directions to or from another location. This basic functionality has worked well enough to make these sites very popular.

I'm sad to say that MapQuest has been replaced as one of the coolest sites on the Internet. That title now goes to Google Maps. The search engine juggernaut, which is well known as a site for finding things on the Internet, can now help you find things on the Earth and other local planets. Google Maps provides the same functionality as other map sites, allowing you to put in a location and see a map. From this point, however, other features make this site even more fun and useful.

Pull up a map on Google Maps and you can click and drag your mouse to scroll the map. Click on "Satellite" and you can see a satellite photo of the area you've mapped. Click on "Hybrid" and you can see the satellite photo overlaid with street and landmark names. Like other services, there is a feature to get driving directions. The additional visual information provided by the satellite feature, however, makes this maps service even more compelling. Not only can you get an idea of the streets along your route, but an idea of what buildings you might see, or at least how developed an area is.

Not content with the Earth, however, Google also offers Google Moon. This site is intended to commemorate the first manned moon landing, and provide similar functionality to Google

Maps, but without driving directions or street names. Instead, you can zoom in on the sites of the various Apollo moon landings. But, don't zoom too close, lest you reveal that Google has a sense of humor as well as fun technology. Given their expanding viewpoint, can Google Mars be in our near future?

[Return to top](#)

Benchmarks Online

- **Page One**

- **Campus Computing News**

- **What Every UNT Student Should Know About Computing Services**

- **Summer Hours**

- **Summer Computing News**

- **Today's Cartoon**

- **RSS Matters**

- **The Network Connection**

- **Link of the Month**

- **WWW@UNT.EDU**

- **Short Courses**

- **IRC News**

- **Staff Activities**

- **Subscribe to Benchmarks Online**

Link of the Month

Each month we highlight an Internet, USENET Special Interest Group (SIG), or similar mailing list(s) or website(s).

University of North Texas   Computing Center

Help Desk

Quick Guide to Computing Resources at UNT

Students:

Everyone associated with UNT is assigned an EUID. The EUID can be activated for login purposes by going to http://ams.unt.edu   The EUID consists of your initials and four numbers. It will be associated with you for the rest of your time with UNT. When activated, you will be required to create a unique **strong** password. This password will expire every 120 days.

The password consists of at least 6 characters including numbers, letters, upper case and lower case, and special characters. It cannot be a dictionary word, or include 2 or more concurrent numbers used in your social security number or birth date.   If you are having a tough time coming up with a strong password, use the strengthen button to see alternatives.

Example: weak password – sweetpea

                strong password – sW33t_p3a

Faculty and Staff:

The same rules apply as above, except your EUID is assigned when Human
Resources is informed you are hired to work at UNT. Depending on the access
to information you require, your password will normally expire every 120 days.
Higher level access will require password expiration every 60 days.

WHAT CAN I DO WITH THIS EUID???

Find out by visiting
http://www.unt.edu/helpdesk/QuickGuide_Computing.htm

[Return to top](#)

Benchmarks Online

- **Page One**
- **Campus Computing**
- **What Every UNT Student Should Know About Computing Services**
- **Summer Hours**
- **Summer Computing News**
- **Today's Cartoon**
- **RSS Matters**
- **The Network Connection**
- **Link of the Month**
- **WWW@UNT.EDU**
- **Short Courses**
- IRC News
- **Staff Activities**

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IRC News

Minutes provided by Sue Ellen Richey, Recording Secretary*

No minutes were available for publication this month.

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* For a list of IRC Regular and Ex-officio Members click here.

**DCSMT Minutes can be found here.

IRC Meeting Schedule

The IRC generally meets on the third Tuesday of each month, from 2-4 p.m., in the Administration Building Board Room. From time to time there are planned exceptions to this schedule. All meetings of the IRC, its program groups, and other committees, are open to all faculty, staff, and students.

Return to top

Benchmarks Online

Research and Statistical Support
University of North Texas

RSS Matters

Link to the last RSS article here: [Stata 9: Introduction to Mata](#) - Ed.

Using Sparklines for Visual Representation, Part 1

By Patrick McLeod, ACS Research Consultant

Introduction

"A picture is worth a thousand words." Within the realm of science and social science, a picture, whether in the form of a graph or plot, can be the difference between confusing a reader and being able to provide your reader with a concise picture of your data, model and/or outcome.

Even the most germane graph or plot is, by convention, divorced from the text in which is embedded. While the author or authors of an article, thesis or dissertation can attempt to frame visual representation with the most appropriate possible text, this can sometimes disrupt the flow of discussion and can create space problems for journal submissions. Do you exclude the graph or plot if you're operating under space constraints? Do you attempt to re-arrange an entire chapter of a thesis or dissertation in order to place a graph or plot in a more appropriate location?

For some categories of data, the solution lies with a tool called sparklines. Developed from concept through implementation by Dr. Edward Tufte (http://www.edwardtufte.com/tufte/), Professor Emeritus at Yale University, sparklines allow for the in-line representation of data in a document.

What Are Sparklines?

Tufte defines sparklines as "small, high-resolution graphics embedded in a context of words, numbers and images. Sparklines are data-intense, design-simple, word-sized graphics." Sparklines allow the researcher to display data in-line and, most importantly, in context.

Sparklines have different formats to match different types of data (from http://www.sparklines.org): Series data on the Federal deficit from the Office of

Management and Budget from 1983-2003 (), the five-year daily closing stock price of Cisco () or the postseason performance of the 2004 Boston Red Sox en route to their first World Series championship since 1918 ( ).

Implementing Sparklines

The Bundesliga (http://www.bundesliga.de/) is Germany's top-level professional football league. The Bundesliga season is 34 games long; while this seems like a small number of games given the length of the season (more like our MLB season than our NFL season), there are numerous other team and player commitments that run concurrently with the Bundesliga season: European competition for the more successful clubs (Champions League and UEFA Cup) and international competitions which halt domestic play since many players are absent from their clubs representing their respective nations.

As any fan of sports can attest, there are an overwhelming amount of numbers associated with your favorite player, your favorite team and the league in which your team plays. For example, if you wanted to know the record of every team in the Bundesliga from a particular season, you could simply represent it in a table like the following one (modified from http://www.bissantz.de/sparklines/demos/bundesliga/season_2004-2005.html):

P	Team	W	D	L	Goals	GD	TP
1.	Bayern MŸnchen	24	5	5	75:33	42	77
2.	FC Schalke 04	20	3	11	56:46	10	63
3.	Werder Bremen	18	5	11	68:37	31	59
4.	Hertha BSC Berlin	15	13	6	59:31	28	58
5.	VfB Stuttgart	17	7	10	54:40	14	58
6.	Bayer Leverkusen	16	9	9	65:44	21	57
7.	Borussia Dortmund	15	10	9	47:44	3	55
8.	Hamburger SV	16	3	15	55:50	5	51
9.	VfL Wolfsburg	15	3	16	49:51	-2	48
10.	Hannover 96	13	6	15	34:36	-2	45
11.	SV Mainz 05	12	7	15	50:55	-5	43

P=Place finished, Team=Team Name, W=Win, D=Draw, L=Loss, Goals (for:against), GD=Goal Differential, TP=Total Points

While this table provides us with the basic information we need to see how all the teams in the Bundesliga performed in the 2004-2005 season, wouldn't it be nice to be able to display a team's game by game performance in terms of wins and losses along with this information?

Thinking along conventional lines, displaying game by game performance in a
tabular form would take up a ridiculous amount of room (34 games x 18 teams
= 612 total games); in fact, so much room would be taken up that you will
rarely find such a display outside of a sports almanac or season-in-review
publication.

Implementing the same idea graphically using sparklines is possible in the space
of a table. Note the in-line graphics under the column labeled "Course": A blue
uptick is a win and a red downtick is a loss. A dash represents a draw. In a
comparable amount of space to what it takes to present the team names, 612
data points of wins, losses and draws can be displayed in a meaningful graphic:

P	Team	W	D	L	Goals	GD	TP	Course
1.	Bayern MŸnchen	24	5	5	75:33	42	77	
2.	FC Schalke 04	20	3	11	56:46	10	63	
3.	Werder Bremen	18	5	11	68:37	31	59	
4.	Hertha BSC Berlin	15	13	6	59:31	28	58	
5.	VfB Stuttgart	17	7	10	54:40	14	58	
6.	Bayer Leverkusen	16	9	9	65:44	21	57	
7.	Borussia Dortmund	15	10	9	47:44	3	55	
8.	Hamburger SV	16	3	15	55:50	5	51	
9.	VfL Wolfsburg	15	3	16	49:51	-2	48	
10.	Hannover 96	13	6	15	34:36	-2	45	
11.	SV Mainz 05	12	7	15	50:55	-5	43	
12.	FC Kaiserslautern	12	6	16	43:52	-9	42	

In Part 2 of this article coming in the September 2005 edition of *Benchmarks
Online*, I will cover the technical details of implementing sparklines in
Microsoft Word, Microsoft Excel, LaTeX, HTML, PHP and Ruby. Below is a
list of some links to information on Sparklines, including discussions on
Edward Tufte's website and Sparklines.org.

Until next month, happy computing!

Links:

- Edward Tufte on Sparkline Implementation:
  http://www.edwardtufte.com/bboard/q-and-a-fetch-msg?
  msg_id=0000Lk&topic_id=1

Edward Tufte on New Sparklines: http://www.edwardtufte.com/bboard/q-and-a-fetch-msg?msg_id=0001OR&topic_id=1

- Sparkline.Org: http://www.sparkline.org/

- Sparkline Wiki: http://sparkline.wikispaces.org/

Return to top

Benchmarks Online

WWW@UNT.EDU

Accessing Your UNT Website Using "My Network Places" in Windows XP

By **Charity Beck**, UNT Central Web Support

If you have a website on the UNT Central Web Servers, you may use the following method to access your website. This method of accessing your website addresses a couple of issues that were presented with the emergence of Windows XP. The first problem occurs when you access your website in "My Network Places" using your website address, for example http://www.unt.edu/yourwebsite, and you are continuously prompted for your username and password. Windows XP would append your username to the end of your URL, and would look something like Example 1.
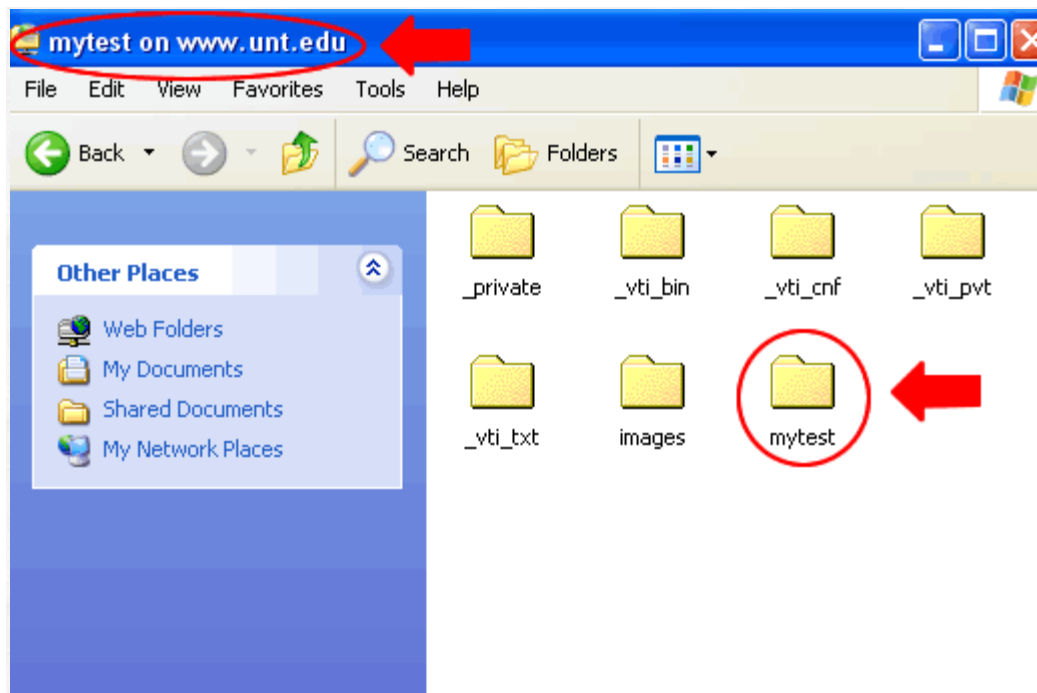
Example 1
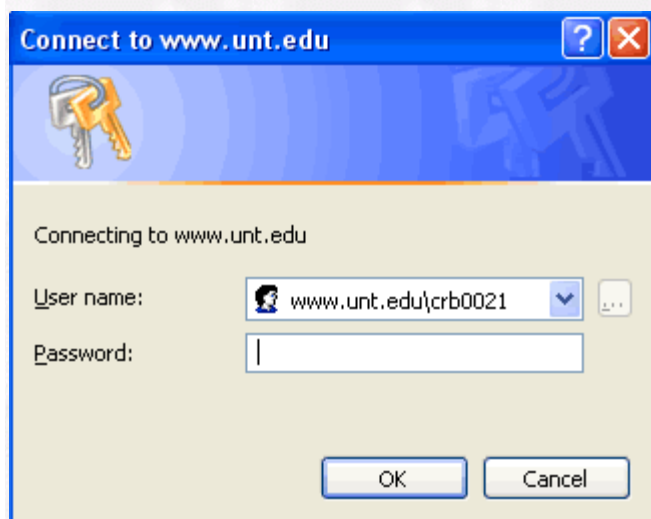
The second issue discovered was that Window XP would place recursive folders in your website, and would infinitely replicate itself, and would look something like Example 2.
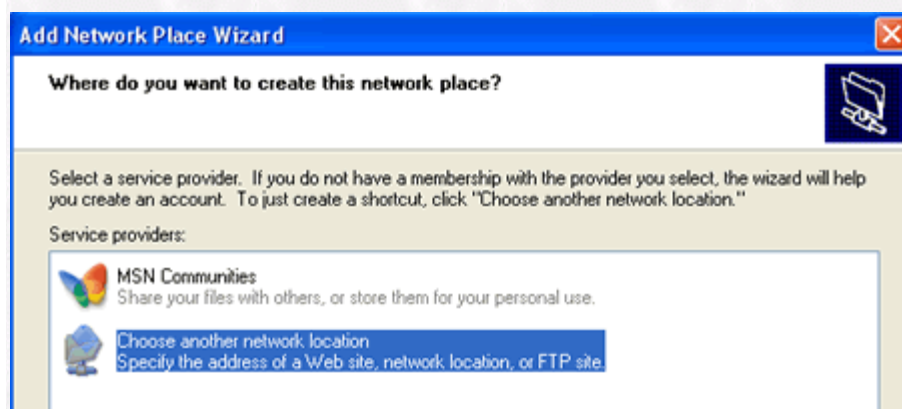
**Example 2**

THE WORKAROUND

1. Open Network Places.

2. Under "Network Tasks" click on "Add a network place."

3. The "Add Network Place Wizard" you will click on "Next" this screen.

4. Select "Choose another network location" as in Example 3.

Example 3

5. At the "What is the address of this network place?" screen you will type in your URL with a trailing '#' character (i.e. http://www.unt.edu/mytest/#) ****Note:** You *must* place the pound symbol after the trailing slash in your URL as in Example 4.

Example 4
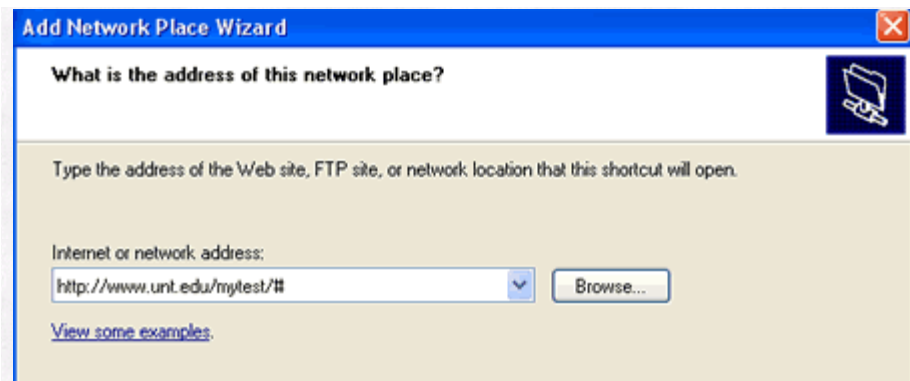
6. Click on "Next," and you will be prompted for your username and password which is your EUID and password. If you do not remember your password, you my go to the site http://ams.unt.edu and reset it.

Return to top

Benchmarks Online

Page One

Campus Computing News

What Every UNT Student Should Know About Computing Services

Summer Hours

Summer Computing News

Today's Cartoon

RSS Matters

The Network Connection

Link of the Month

WWW@UNT.EDU

Short Courses

IRC News

Staff Activities

Subscribe to Benchmarks Online

Short Courses

By [Claudia Lynch](#), *Benchmarks Online* Editor

The summer Short Courses are over. Surf over to the [Short Courses](#) page for a sample of the sorts of courses that will be offered this fall (starting, probably, at the end of September).

Customized Short Courses

Faculty members can request customized short courses from ACS, geared to their class needs. Other groups can request special courses also. Contact ACS for more information (ISB 119, 565-4068, lynch@unt.edu).

Especially for Faculty and Staff Members

In addition to the [ACS Short Courses](#), which are available to students, faculty and staff, staff and faculty members can take courses offered through the [Human Resources](#) Department, the [Center for Distributed Learning](#), and the UNT Libraries' [Multimedia Development Lab](#). Additionally, the Center for Continuing Education and Conference Management offers a variety of [courses](#) to both UNT and the general community, usually for a small fee.

EIS Training

Questions or comments relating to EIS training should be sent to the EISTRN GroupWise account. Upcoming EIS training events may be found at:

- EIS Training Event Calendar: https://projectweb.cc.unt.edu/cm/Lists/Events/calendar.htm

- EIS Timekeeper Training Schedule: http://www.unt.edu/eis/WebHelp/EIS_Glossary.htm

- EIS ePro Training Calendar: http://www.unt.edu/pps/trainingcalendar.htm

- Ongoing training is available on WebCT at: http://web2.unt.edu/eis/Training/signup_form.php

GroupWise Training

Information about GroupWise training can be found at the GroupWise Support [site](#). A list of GroupWise 6.5 "Tutorial Topics" can be found here: http://ncs.unt.edu/gw/howto/index.htm A GroupWise 6.5 Training CD-ROM is

also available. See "Installing and Using GroupWise 6.5 CD-ROM Training from Thomson NETg" in the June issue of *Benchmarks Online* for more information.

GroupWise 6.5 Seminars

If would like to have a Basic GroupWise seminar for your area, please contact Jason Gutierrez, Network Computing Services, jasong@unt.edu.

Center for Distributed Learning

The Center for Distributed Learning offers courses especially for Faculty Members. A list of topics and further information can be found at http://www.unt.edu/cdl/training_events/index.htm

The center also offers a "Brown Bag" series which meets for lunch the first Thursday of each month at Noon in Chilton 245. The purpose of this group is to bring faculty members together to share their experiences with distributed learning. One demonstration will be made at each meeting by a faculty member with experience in distributed learning. More information on these activities can be found at the Center for Distributed Learning Website.

Technical Training

Technical Training for campus network managers is available, from time to time, through the Network Computing Services (NCS) division of the Computing and Information Technology Center. Check the NCS site to see if and when they are offering any training.

UNT Mini-Courses

There are a variety of courses offered, for a fee, to UNT faculty, staff and students as well as the general public. For additional information surf over to http://www.pware.com/index.cfm?clientid=2694a

Alternate Forms of Training

Many of the General Access Labs around campus have tutorials installed on their computers. The Training Web site has all sorts of information about alternate forms of training. Computer Based Training (CBT) is one of the alternatives offered.

For further information on CBT at UNT, see the article "Current UNT Online Training Contents" in the June issue of *Benchmarks Online*.

Return to top

Benchmarks Online

Staff Activities

Transitions

New Employee:

- **Jimmie Lynne Sinclair**, Programmer Analyst, PeopleSoft Application Infrastructure Management, AIS.

- **Lip Yew Sim**, Programmer II, Student Finance Team, AIS.

- **Steven McKay**, Assistant Director EIS Infrastructure, AIS.

No longer working in the Computing and Information Technology Center:

- **Dave Mukherjee**, Programmer Analyst, Database Warehouse and Reporting Infrastructure, AIS.

- **Mitch Smith,** EIS Project Trainer**,** AIS.

- **Austin Laird,** Distributed Learning Administrator.

Awards, Recognition, Publications, etc.

Coy Hoggard, Executive Director of Administrative Information Systems, was honored July 29th at a Retirement Reception in the University Union's Golden Eagle Suite. Coy has been employed at UNT since 1964. More information and pictures of the event can be viewed here, *The End of an Era II*.

Soaring Eagles:

According to the Human Resources Newsletter, nominees will receive their awards at the President's Staff Sack Lunch on November 1, 2005. To nominate someone for a Soaring Eagle award, go to http://www.unt.edu/hr/training/soar.htm

- **Richard Sanzone**, Helpdesk Assistant Manager and Programmer, was recognized in the July 2005 issue of *Human Resources Newsletter* for spending hours "troubleshooting to remedy computer problems." Felix Dominguez, from the College of Arts and Sciences shared the recognition with Richard.

- **C.R. Chevli**, Computer Systems Manager, Data Communications, and

Scott Windham, Communications Analyst, Data Communications, were also recognized in that same issue of the Human Resources Newsletter for "being available and flexible when you are needed." Patrick Pluscht, Center for Distributed Learning, was recognized along with them.

Star Performer:

According to the Human Resources Newsletter, nominees will receive their awards at the President's Staff Sack Lunch on November 1, 2005.

* **Jon Ingle**, UNT Central Web Support, and **Ginny Richards**, EIS Tools Support, AIS, were recognized as "Star Performers" in the July 2005 issue of *Human Resources Newsletter.*

[Return to top](#)

Benchmarks Online

Page One

Campus Computing News

What Every UNT Student Should Know About Computing Services

Summer Hours

Summer Computing News

Today's Cartoon

RSS Matters

The Network Connection

Link of the Month

WWW@UNT.EDU

Short Courses

IRC News

Staff Activities

Subscribe to Benchmarks Online

Don't Forget Our Monthly Columns!

By Claudia Lynch, *Benchmarks Online* **Editor**

In addition to our feature articles, *Benchmarks Online* publishes monthly columns that are focused on specific aspects of computing here at UNT (and beyond, in some cases). Check out what is waiting for you this month:

- **RSS Matters** - "RSS Matters" is the monthly column written by the Research and Statistical Support Group in Academic Computing Services. Their articles focus on topics of a statistical and/or research methods nature. **This month, Patrick McLeod talks about "Using Sparklines for Visual Representation, Part 1."**

- **The Network Connection** - "The Network Connection" may well be the longest running column in computer publishing history. Certainly in University of North Texas computer publishing history.

  "Maps Galore" is the topic of this month's column. Read all about it!

- **Link of the Month** - As it says on the top of the "Link of the Month" page, "each month we highlight an Internet, USENET Special Interest Group (SIG), or similar mailing list(s) or Website(s)." Lately we have been confining ourselves to featuring UNT specific sites. **This month's feature is a "Quick Guide to Computing Resources at UNT."**

- **WWW@UNT.EDU** - "WWW@UNT.EDU" is a monthly column written by the Central Web Support Group in Academic Computing Services. The topics usually focus, in some way, on World-Wide-Web-related issues. **This month, Charity Beck discusses "Accessing Your UNT Website Using 'My Network Places' in Windows XP."**

- **Short Courses** - Every semester, Academic Computing Services (ACS) offers short courses on computer-related topics, many of them having to do with statistical research. This column keeps you up-to-date on what is being offered and when as well as other training opportunities. **The schedule for the summer Short Courses over, but there are other training opportunities available.**

- **IRC News** - As their Webpage says, "the IRC is an advisory and oversight body created to foster communication and cooperation between and among UNT information resources providers and users." We publish the minutes of the IRC meetings each month, when they are available. **There were no minutes published this month.**

Don't Forget Our Monthly Columns!

Staff Activities - This column focuses on new employees, people who are no longer employed at the Computing and Information Technology Center, awards and recognitions and other items of interest featured here. **Of special note this month is Coy Hoggard's retirement.**

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