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Available for RSS/XML syndication. See the list of all available xml/rss feeds.

Questions, comments and corrections for this site: lynch@unt.edu
Site was last updated or revised : November 20, 2007

Benchmarks Online

Campus Computing News

EIS to be Upgraded Over Thanksgiving

By Maurice Leatherbury, Ph.D.
Associate Vice President for Computing and Chief Technology Officer

Some portions of EIS, the University's Enterprise Information System, will be upgraded over the Thanksgiving holiday to an enhanced version of the system's software. Beginning at noon on Wednesday, November 21st, the myUNT portal and the website myls.unt.edu will be unavailable until Monday, November 26th.

Some business processes that students, faculty and staff access through EIS will be out of service during this upgrade period:

- myls.unt.edu provides administrative functions in support of human resources, payroll, advancement and student administration.

- The myUNT portal provides self service capabilities for faculty and staff (human resources access, grading, etc.) and for students (financial aid, registration, grades, payments, etc.)

Services independent of myUNT, such as WebCT Vista, Eaglemail**,** and EIS Financials (myfs.unt.edu) www.unt.edu, and GroupWise *will not be affected* by the outage and will continue to be in service.

The early shutdown of these services is required to complete the lengthy upgrade tasks and to restore services by Monday. Many employees in the Computing and Information Technology Center as well as in Academic Affairs, the Graduate School, Finance and Administration, and Advancement, and their counterparts at UNT-HSC, will be working throughout the holiday period to complete the upgrade. We realize the shutdown of these services during normal business hours is an inconvenience and has some impact on operations in many areas. We also realize that there's never a good time to take a mission-critical service down for an extended period, but every effort was made to schedule the upgrade to minimize the impact on the whole UNT community. We appreciate your understanding and flexibility.

For more information regarding this scheduled system upgrade, go to http://eis.unt.edu/89upgrade. Also, from the Help Website for My UNT and EIS:

NEW: EIS 8.9 Upgrade Documentation for Administrators

Please select from the following:

- EIS 8.9 Campus Overview Session

Online

- [User Manual for EIS 8.9 Navigation](#)
- [EIS 8.9 Student Center Documentation](#)
- [EIS 8.9 Navigation Crosswalk](#)

This information was also reported in *InHouse* - Ed.

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Skip Navigation Links

New Anti-Spam Software Reduces Number of "Bulk" Messages

By Tom McElwee, Enterprise Systems Technical Service Director

Inboxes for faculty, staff and students using GroupWise and Eaglemail should now have considerably fewer "bulk" messages thanks to Ironport, a new anti-spam/anti-virus software system installed Tuesday, November 13 by the Computing and Information Technology Center.

The system was implemented as part of CITC's ongoing efforts to provide top-quality computing services to campus, and to stem the ever increasing amount of spam reaching campus inboxes that has become a distraction.

Ironport is designed to identify spam messages and to quarantine them, avoiding their delivery to a user's inbox. It also detects virus e-mail messages and discards them before they reach inboxes.

Users can review a list of quarantined messages filtered by Ironport for up to 15 days after the intended delivery. Simply go to http://spam.unt.edu and log in with your EUID and password. If a legitimate e-mail message was quarantined, simply tell the system to release the message for delivery. If you receive a spam message in your regular inbox, you can forward it to spam@access.ironport.com and Ironport will tweak their spam detecting rules to block that kind of message in the future.

Learn more about the system at *InHouse*.

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New Anti-Spam Software Reduces Number of "Bulk" Messages

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UNT Computing and Information Technology Center Student Education Report

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

Recently I was sent an e-mail by a UNT community member asking about education efforts by the Computing and Information Technology Center towards keeping the student body aware of all the computing resources available and how to use them. The person mentioned that his Google search for CITC student education revealed the **Student Tour** site first and foremost. This was extremely encouraging as it illustrated that our effort in that area was paying off with top level access and exposure.

I was then asked by Claudia Lynch, the *Benchmarks Online* editor, to outline our recent extensive efforts in student computing education and awareness. So here goes.....

The UNT Student Tour: http://helpdesk.unt.edu/studenttour

This educational initiative was implemented in Spring 2007. Our aim for the initiative was to collect information and links to all Student Computing Services on campus into one easy-to-find-and-navigate location for all students rather than having the students hunt all over the web universe to find them. The initiative was a collaboration of Student Computing Services, the UNT CITC Helpdesk, the UNT General Access Computer Labs, the Center for Distributed Learning, UNT Computer Security and ResNet. The site was constructed by the CITC Web Team.

Come to the Helpdesk for all the answers!

We try to make that every UNT Community Member (students, faculty, and staff) knows that the place to go for ANY questions, suggestions, and/or issues regarding computing services is the UNT Helpdesk. The Helpdesk website is easy to remember: http://helpdesk.unt.edu. and the phone number extension is easy to remember: **x2324**. The email address is helpdesk@unt.edu. Folks can also walk in at ISB 119. The Helpdesk has generous hours extending far into the night and on the weekends. They are also open during all the breaks and holidays.

Lots of summer fun!

During the summer months and at other appropriate events during the year, Student Computing Services is an active part of all educational and orientation activities aimed at new students, transfer students, the parents of students, returning students and graduate students:

- My colleague, Claudia Lynch, and I have a table at every information fair included as part of the freshman and transfer orientation experience. We are sometimes joined by the student workers of the Helpdesk as their schedules allow. At these tables we distribute informative pamphlets about all student computing services (including myUNT), the general access computer labs, and computer security. Last summer we had a table at over 20 orientation events and distributed close to 5,000 brochures.

  We also distributed about 4,000 lanyards with the Student Tour URL on them - every incoming freshman and transfer student received them and also several current students as well.

  Note: another huge event in which we have an educational presence is the Mean Green Fling - a pre-fall-semester events which has grown into a large and successful welcome back party including all UNT community members.

- We also have pages about computing services in the *Connections* magazine distributed to all incoming freshmen during orientation. We maintain educational pages in a variety of other handbooks and publications available on campus at other offices too.

- During all freshman orientation events, I give a 15-minute presentation to the PARENTS about student computing services. This presentation is followed by a coffee where the parents come and ask me (and representatives from other areas on campus) questions pertaining to computing issues. There were 8 of these parent events last summer and next summer, this is being expanded to 9 events.

- During all freshman orientation events, I give a half-hour long presentation/demonstration to the students. This is then followed by a FaceBook/MySpace safety/security presentation by Student Development. This hour-long session proved to be very successful and we look forward to continuing the format.

I also give a presentation to incoming graduate students during their orientations in August and in January. In all - student computing services had over 50 personal educational contacts and discussions with students and their parents over the past year - averaging more than one every semester week.

More coming soon!

We have some exciting further educational initiatives on the horizon:

- The ResNet IT staff has created a podcast about student computing services featuring online demos and the discussion that I give at freshman orientation. This is a half-hour podcast. We are in the final editing process of this podcast and will be advertising it heavily when it becomes

available. Planned release time for the podcast is at the end of this fall semester.

- Several of us are going to be working with the CTLA (Center for Teaching, Learning and Assessment) to enhance the orientation presentations even more in order to enable retention of the information on the part of the students.

So if anyone asks you how to get information and education about student computing services, be sure to direct them to one of these resources. We also welcome any and all suggestions about additional student computing education. Please direct all questions and suggestions to me at ehinkle@unt.edu.

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Simplify Your Life and Save Time by Subscribing to RSS Feeds

By Claudia Lynch, *Benchmarks Online* Editor

The wikipedia entry for RSS begins:

> **RSS** is a family of Web feed formats used to publish frequently updated content such as blog entries, news headlines or podcasts. An RSS document, which is called a "feed," "web feed," or "channel," contains either a summary of content from an associated web site or the full text. RSS makes it possible for people to keep up with their favorite web sites in an automated manner that's easier than checking them manually.
>
> RSS content can be read using software called an "RSS reader," "feed reader" or an "aggregator." The user subscribes to a feed by entering the feed's link into the reader or by clicking an RSS icon in a browser that initiates the subscription process. The reader checks the user's subscribed feeds regularly for new content, downloading any updates that it finds.

Clear as mud? If not keep reading.

RSS in Plain English

The folks at Common Craft have created this handy video to help people understand RSS better. As they say, "There are two types of Internet users, those that use RSS and those that don't. This video is for the people who could save time using RSS, but don't know where to start."

Click To Play

Now that you "get" the concept of RSS, you'll start to notice the symbols for RSS feeds everywhere. Like anything else, of course, you need to be judicious in your subscriptions. Subscribing to RSS feeds doesn't free you completely from information overload. It just comes in a new format. According to the article *Of course, you know what RSS is ... so here's an article for your clueless boss*, written back in 2005, "Microsoft blogger Robert Scoble claims to consume 500 or more information sources on a daily basis, something no human could do without using an RSS reader." That was back in 2005. He now claims to consume 622 feeds but was up to, apparently, 1,400 feeds a day at one time. How does he do it? See the article *How Scoble Reads 622 RSS Feeds Each Morning* for answers to that question and more.

Further reading on RSS

Below are some more introductory articles on RSS, if you feel like you need more information:

- RSS For Rookies

- RSS for total newbies

- RSS For Dummies And Other Geniuses

- RSS Help

- The Complete Idiot's Guide to RSS...for Dummies

- RSS for Dummies

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New Titles Added in SharePoint Server 2007, Publisher, Project, and Office 2007

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

Several new titles have been added to the UNT SkillSoft Computer-Based Training site in the 2007 Microsoft Office and Server areas. Additional courses in Java programming have also been uploaded to the site. For information regarding how to get an account, log in and use the UNT SkillSoft site, see this archived *Benchmarks Online* article: http://www.unt.edu/benchmarks/archives/2007/july07/skillport.htm.

All titles are found by clicking on the CATALOG button in the upper right-hand corner of the UNT SkillSoft Homepage:

Some of the new Microsoft SharePoint Server courses are listed here, for example:

Here is a complete list of the new courses uploaded this month:

- HR's Strategic Role in the Organization (HRCI/SPHR) - Under **Human Resources** heading
- Java Programming with Java SE 6.0: Getting Started with Java - under **Java** heading
- Java Programming with Java SE 6.0: Operators and Flow Control in Java
- Java Programming with Java SE 6.0: Creating Classes in Java
- Java Programming with Java SE 6.0: Working with Classes in Java
- Java Programming with Java SE 6.0: Generics and Annotations
- Java Programming with Java SE 6.0: Reference Types and Threading
- Java Programming with Java SE 6.0: Exception Handling and Assertions
- Specifying and Assigning Resources in Project 2007 - under **Office 2007** heading
- Tracking and Reporting Progress (Project 2007)
- Basic Access 2007 Forms
- Queries and Reports in Access 2007
- Creating Customized Publications with Publisher 2007
- Extending Publisher 2007 Beyond Publications
- Advanced Customization (Project 2007)
- Importing and Exporting Data and Data Presentation in Access 2007
- Database Administration in Access 2007
- SharePoint 2007 Essentials - under **Microsoft Server 2007** heading
- Implementing Microsoft Office SharePoint Server 2007
- Creating and Managing Personal Sites and Searches in SharePoint 2007
- Configuring Microsoft Office SharePoint Server 2007 Business Forms
- Managing Microsoft Office SharePoint Server 2007 Administration
- Upgrading to Microsoft Office SharePoint Server 2007
- Mentoring 70-630 TS: Configuring Microsoft Office SharePoint Server 2007

A complete list of all Computer-Based Training at UNT is found at:
http://www.unt.edu/cbt/final_new_cbt_training.pdf.

All questions about UNT's computer-based training can be directed to Elizabeth Hinkle-Turner at ehinkle@unt.edu.

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Today's Cartoon

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"We need to improve morale around here. For starters, let's remove those screensaver photos of the Titanic."

From "Today's Cartoon by Randy Glasbergen", posted with special permission. For many more cartoons, please visit **www.glasbergen.com**.

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Today's Cartoon

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:

- **By the Numbers** - Not really a column, but a new feature, giving you a glimpse behind the scenes of the volumes of data, spam, etc. processed, managed, and otherwise handled here at UNT.

- **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 we have a "golden oldie" column, "Open Source Technology in the Classroom." Check it out!**

- **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.

  This month, Dr. Baczewski discusses the fact that the Internet is a virtual world with real world features and what that means for all of us. Click on the Network Connection link above to read "Reality Check."

- **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 link is "announce.unt.edu ." Click on the link above and check it out.**

- **Helpdesk FYI** - A new monthly feature from the CITC Helpdesk. Each month they will tackle a topic that has been of particular interest to callers/visitors to the Helpdesk. **This month Richard Sanzone instructs you in how to use "GroupWise Auto-Reply." Just in time for the holidays!**

- **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.

  Short Courses are over for the semester, but if you have a

Don't Forget Our Monthly Columns!

group that needs a specific class, it may be possible to arrange a special class just for them . Click on the Short Courses link above for more information.

- **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. **The minutes for   October 16, 2007 are available this month.**

- **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.

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Network Connection

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

Reality Check

The Internet is a virtual world. You can't actually walk between the shelves of books at Amazon.com. You can't really be in the room with all of your MySpace friends (adriana has 511 friends.) You don't really bump people out of the way to win an auction on eBay. The Internet is a virtual world, but also a real world where you can browse through parts of a book before you buy, you can chat with your friends, and you can feel the thrill of victory when you outbid the rest of the world for that immensely collectable item on eBay.

Maybe it's not surprising, then, that the reality of the Internet seems to be constantly blurred by some people's misperceptions, deliberate disregard, or blissful ignorance. Sometimes it's hard to tell which of those are operative in a particular situation. So perhaps it's time for some reality checks.

It seems that Tiffany, the high-dollar jewelry company, is suing eBay and claiming that the online auction site is promoting the sale of a multitude of fake Tiffany products. I guess Tiffany prefers the PBS program "Antiques Roadshow" which seems to make a habit of dashing the hopes of people who really thought that the $5.00 find at the estate sale was going to net them a fortune. But in spite of eBay's record of removing fake items from auction when legitimate complaints are made, Tiffany seems to blame the marketplace rather than those who are selling wares in the market. Once again the technology is blamed for the misdeeds of those who use it without credit to the majority of legitimate uses to which that technology is applied. Here's a reality check for Tiffany. Suing eBay for causing the sale of fake Tiffany's is like suing the sidewalks of New York City for all of those fake Rolex's that are sold. I say we pull up those sidewalks.

The state of Massachusetts, normally progressive on technology issues, is proposing to make Internet-based gambling illegal and punishable by jail time and or stiff fines. Where would you find such a provision? In the governor's proposed bill to allow three "real-world" casinos to be built within the state. Undoubtedly, Massachusetts is just trying to protect their citizens from the pernicious attraction to the ease of online gambling or could it be that they'll rake in a couple hundred million dollars for each physical casino and probably recoup zip from any online gambling? A reality check for Massachusetts: if you want to safeguard your citizens from throwing their money after unrealistic promises of riches obtained from the Internet, pass a law making it illegal to buy Google stock.

The Whitehouse (the one in Washington D.C.) was recently ordered by a Federal judge to preserve copies of all e-mails against the objections of Bush administration lawyers. Two organizations, Citizens for Responsibility and Ethics in Washington and the National Security Archive, allege the disappearance of 5 million White House e-mails. (Why does

this story sound so familiar?) The Whitehouse has offered to preserve all backup tapes, but that's not sufficient for the judge. E-mail communication is generally subject to the same retention rules and controls as paper documents, particularly in governmental organizations. The record of the "people's business" needs to be preserved, whether it is transacted on paper or via fiber-optic cable. Here's a reality check for the Whitehouse. It may not be such a great idea to rely on tapes. Remember what happened to the last President who thought having tapes in the oval office was a good idea? I'll give you eighteen minutes to figure it out.

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Link of the Month

Each month we highlight an online mailing list or website. Frequently the link is associated with UNT.

UNT UNIVERSITY OF NORTH TEXAS — Discover the power of ideas — announce.unt.edu

The weekly digest of UNT announcements and events that used to be sent via GroupWise has been replaced by a new website: announce.unt.edu

Announce.unt.edu provides faculty and staff with an efficient and timely electronic way to communicate about university business, issues and events. Topics include:

Administration
Annual University Events
Arts and Entertainment
Awards, Receptions and Memorials
Community and Volunteer Opportunities
Conferences, Presentations and Training
Miscellaneous
Process, Policy and Procedure
Promotions, Contests and Menus
Research, Grants and Fellowships
Sports, Health and Fitness
Surplus for University Use
UNT Spirit and Student Events

As described in the October 22 *InHouse* article announcing the website, the idea behind announce.unt.edu is that campus departments can communicate their announcements to others without sending campus-wide e-mail. Faculty and staff members, using their UNT EUID, can add announcements or events to the system in one or more of the topic categories listed above.

You also can subscribe to receive feeds of announce.unt.edu categories by using any RSS enabled web page or RSS software. When the university completes its migration to Microsoft Outlook for e-mail service, faculty and staff will be able to subscribe to the categories they want to know about and announce.unt.edu announcements and events will arrive in their inboxes like regular e-mail.

Items entered to be added to announce.unt.edu will be accepted for posting or denied by a moderator. Items that are not properly categorized will be re-

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categorized and items that are not related to UNT will not be accepted for posting.
 University-related events include student events.

Examples of items that *are not* university related are:

- Announcements about personal items for sale
- Events off campus that have no relation to UNT.

Stay informed!

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to degrade over time, especially links to various Websites. To make sure you have the most current information
on a specific topic, it may be best to search the UNT Website - http://www.unt.edu . You can also search
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Subscribe to

Helpdesk FYI

By Richard Sanzone, CITC Helpdesk Manager

GroupWise Auto-Reply

The holiday season is a time of festivity. With all of the celebration you will be doing you might not be in position to answer your GroupWise email in a timely matter. Thankfully the GroupWise client allows us to create an auto-reply rule to automatically reply to the sender of an incoming message to notify them of your absence.

To create the Rule:

- In your GroupWise client, open the Tools menu and click *Rules*.

- Click the *New* button to create a new auto-reply rule.

- Type in an appropriate Rule name, such as "Vacation".

- Check the box to indicate that this rule is to be applied when new items are received.

- Define Conditions and Item types should be left at the default, which is "Act on all items".

- Click the *Add Action* button at the bottom.

- Select *Reply* from the drop down menu.

- A simplified compose e-mail window will appear. Type in an appropriate Subject and Message body.

- Click *OK*.

- C lick *Save*.

Your auto-reply rule is set!

To disable the rule simply *uncheck* the checkbox next to the Rule Name in the Rule list.

Helpdesk FYI

Benchmarks Online

IRC News

Minutes provided by Sue Ellen Richey, Recording Secretary*

October 16, 2007

VOTING MEMBERS PRESENT: MAURICE LEATHERBURY (for PHILIP TURNER, CHAIR), PATRICK PLUSCHT, TIM CHRISTIAN, ELIZABETH HINKLE-TURNER, JOHN HOOPER, LOU ANN BRADLEY, ROBERT NIMOCKS, JON NELSON, GARY MATTHEWS, YUNFEI DU, NOREEN GOGGIN, FRANCES MAY, SCOTT WINDHAM, RAMU MUTHIAH, DON GROSE, UWE ROSSBACH, PHILIP BACZEWSKI, ZHENG XIANG, WILL SENN **NON-VOTING MEMBERS PRESENT**:   JOE ADAMO, SUE ELLEN RICHEY (Recording Secretary) **MEMBERS ABSENT**: CENGIZ CAPAN, BRUCE HUNTER, DONNA KEENER, JUDITH ADKISON, SEAN-MIKEL FLOWERS, JOHN PRICE, ABRAHAM JOHN **GUESTS PRESENT**: CHARLOTTE RUSSELL, JIM BYFORD

The minutes of the September 18, 2007 meeting were approved with one correction:

> "Elizabeth Hinkle-Turner reported for the Student Computing Planning Group that she, colleague Claudia Lynch (ACSUS), and several student representatives from the Helpdesk participated in over 50 student orientation events, culminating in the Mean Green Fling that was held on the Sunday evening before school started."

Distributed Computing Support Management Team**

DCSMT met on September 21, 2007. Derick Larson of Kinetic Data Corporation provided an overview of Kinetic and their software products for the BMC Remedy ARS environment. The Kinetic Request product is slated to replace the functionality of custom incident submission pages programmed in perl on the current Remedy system. Philip Baczewski presented a demonstration of some of the functionality of the Kinetic

Service Request software and showed how it could inject incident tickets into the ITSM 7 helpdesk application. He also showed examples of the Kinetic calendar software which can display campus-wide outage tickets via a calendar format. Also at that meeting, John Hooper handed out a new organization chart showing organizational changes to the Administrative Information Systems group within CITC.

DCSMT again met on October 5. Philip Baczewski demonstrated the BMC Remedy ITSM 7 helpdesk application and announced the availability of a testing and validation system to all support areas who use the current Remedy 5 system. Information and resources about the new system can be found at http://itsm.unt.edu/ including access to the web-based console as well as documentation and configuration information. Also at that meeting, Joe Adamo queried the group regarding use of a Ghost client to push emergency notifications to selected workstations in distributed areas. Distributed support managers expressed concerns

regarding the security of workstations under such an arrangement, since the Ghost client provides total control over a subject workstation. DCSMT recommended a notification solution based on the enterprise Active Directory implementation. DCSMT also reached consensus that similarly configured desktop computers from the Dell Optiplex 755 line could replace the currently recommended Optiplex 745 models, since the 745 line will soon no longer be sold by Dell.

DCSMT is next scheduled to meet on October 19.

Patrick Pluscht asked the Council to vote on his request to extend the deadline to April 30, 2008, for making a decision about a learning management system. He reiterated that because of issues regarding the current Vista platform, that had to be addressed immediately, they decided to upgrade to the new version of Vista now, but continue to look at other viable options. Patrick reported that 433 out of 1100 sections have been migrated already, and that the testing of Vista V.4.2 is going well. The Council voted unanimously to extend the deadline to April 30, 2008. Patrick also announced that UNT has signed the Apple iTunes contract and now will get Apple's signature.

Communications Planning Group

Lou Ann Bradley reported that the Communications Planning Group has not met; therefore, she had no report.

EIS Planning Group

John Hooper reported for the EIS Planning Group that the Campus Solutions 8.9 upgrade is 5 to 6 weeks away from going live. At the present time they are doing some serious testing of the system. Critical load testing is being conducted, using all of the new versions of software along with the new SAN and other new hardware. John explained that the AIS group has taken over the responsibility for the SAN and there is a lot of activity in that area as well.

Standards & Policy Planning Group

Tim Christian reported for the Standards & Policy Planning Group that the committee requests a vote on the two policies he presented at the September meeting. He distributed copies of the revised Computer Use Policy pointing out that there had been no changes to the document following the September meeting. The policy was approved as distributed.

Tim then distributed copies of the revised Electronic Mail Usage and Retention Policy which incorporated the changes suggested at the September meeting. Maurice Leatherbury stated that the revised policy is based on a template received from the State. The policy was approved as distributed.

Student Computing Planning Group

Elizabeth Hinkle-Turner reported for the Student Computing Planning Group that she encouraged the President of the Student Government Association to appoint a representative to the IRC, but that she had nothing further to report.

Emergency Notification Project

Tim Christian asked for an update on the Emergency Notification project. Joe Adamo

reported that he has been involved in the technical selection of a product and will be involved in the implementation and support of the product, but not in the establishment of a usage policy. The product selected is NTI Company's Connect-Ed product. Access to the emergency notification system will be given only to: 1) UNT President, 2) Chief of Police, and 3) URCM. Tim also asked if Network Managers will be involved in a decision about what software would be used on desktop computers, and the reply from Joe was "No."

Joe Adamo further stated that information will appear on MyUNT.edu; there will be a banner that refers to Eagle Alert, and an effort is underway to update the EIS database with current cell phone and home phone numbers for all students, staff and faculty.

Tim asked for a definition of an emergency notification event. Joe replied that the system would be used to notify of a priority or urgent message concerning an impending disaster that is weather-related or otherwise considered an emergency. The decision as to what to use the system for will be made by the three persons who have access. When asked for a timeline for putting the system into effect, Joe stated that it would be mid-November at the latest.

Exchange Migration Progress Report

Maurice Leatherbury reported on the progress of the Exchange Migration, stating that they have cleared one of the last big hurdles on backups. The backup servers talked to the exchange servers; and they plan to test backups this afternoon. One lingering issues is in sending a GroupWise schedule request to Outlook…Outlook automatically sends a rejection notice. There have been some problems with external mail addresses, primarily HSC. They are getting ready to roll Exchange out to more groups in CITC for testing, so progress is being made. It is hoped that Exchange can be rolled out to other CITC departments (whoever is ready), barring any big problems, within a month or so. GroupWise and Exchange will be operating at the same time for a while, until everyone is on Exchange.

There being no further business, the meeting was adjourned at 2:45 pm.

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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](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. The schedule can be found here. All meetings of the IRC, its program groups, and other committees, are open to all faculty, staff, and students.

IRC News

Benchmarks Online

Research and Statistical Support
University of North Texas

RSS Matters

This month we have a "golden oldie" column. This article first appeared in the [July 2006 issue](#) of Benchmarks Online. Link to the last RSS article here: [Introduction to SPSS 16](#) - Ed.

Open Source Technology in the Classroom

By [Dr Rich Herrington](#), ACS Research and Statistical Support Services Consultant

> *Special Announcements: RSS will be maintaining a blog devoted to research and statistics related news - [RSS-Blogs](#); Additionally, RSS will be maintaining a Zope/Plone website devoted organizing communities and resources involved in survey research - [RSS-Surveys](#).*

In last month's (June 2006) [RSS](#) column, we discussed using the [open-source](#) - [client-side](#) - [WYSIWYG](#) - [HTML](#) based [Kupu Editor](#) to create/edit HTML web pages (Kupu is installed on a [Zope](#) web server). Other [RSS](#) articles have discussed using the [GNU](#) licensed [R](#) and the proprietary licensed [S-Plus](#) (both implementations of the [S language](#)) in the classroom setting as a [low cost alternative to SPSS and SAS](#). More relevant to our purposes here, past RSS articles have demonstrated how [R](#) and [web server](#) technology can be used in conjunction to create web based tutorials that support [statistical software](#) instruction in classrooms that are [Internet](#) enabled (e.g. [Kernel Density Estimation](#), [Robust Statistics](#), [Two Interfaces to R](#)).

A number of [web server interfaces exist for R](#); currently RSS supports a few of these interfaces which are based on [CGI](#) web programming practices (see [Rinterface.htm](#) on the [RSS homepage](#) - e.g. [Rcgi](#)). I have used these R web interfaces in many of my [R based RSS articles](#) and in courses that I teach, but I have never discussed the more specific details of the [HTML forms](#) that were used. I think a detailed discussion, concerning how this was achieved, would be useful to interested instructors who wish to use R in their internet equipped classrooms or [distance education](#) based courses that utilize [virtual](#) classrooms. My goal in this article is to demonstrate how instructors can create web based documents for their internet based classroom instruction, so that the R statistical environment is available through a web browser. Moreover, newer web based [HTML editors](#), based on [Ajax](#) programming constructs (i.e. [Kupu](#)), can facilitate the utilization of [server side based](#) entry-points (e.g. [CGI](#)) or [client side based](#) entry-points (e.g. [Ajax](#) using the [XMLhttpRequest](#) [API](#)) to a server running R - the goal in this series is to give concrete examples of how this is done.

From the perspective of the instructor, all that is needed are appropriate lines of [HTML](#) (and/or

JavaScript) to define the forms, since RSS maintains the R web servers. RSS currently maintains several web servers that support both teaching and research functions, one of which is to give instructors and researchers remote access to R for purposes of creating web based tutorials, demonstrations, and classroom instruction (for examples of these web based R interfaces, see: *rss.acs.unt.edu* (1, 2, 3) and *kryton.cc.unt.edu* (1, 2, 3). Minimally, all the instructor would need to do is create the necessary HTML forms that can access R on the web servers that RSS currently maintains (i.e. *rss.acs.unt.edu* & *kryton.cc.unt.edu*). These HTML forms can then be embedded or blended into course content that is web based (e.g. these HTML forms could be hosted on UNT Vista). It is also worth noting that RSS also maintains *web2survey.unt.edu*, which provides the capability for online survey/evaluation collection and reporting - the important point here being that *web2survey.unt.edu* can also be used for instructional support for new and emerging web technologies (e.g. training courses for on-line survey creation, survey methodology, web-programming, etc.). Integrating these new technologies together in a e-learning environment looks promising. *Note that web2survey does not provide a web interface to R itself, but HTML forms maintained on this server (or any other server) can make HTTP calls to the rss and kryton web servers to access R.*

There are some obvious conveniences (at least in educational settings) in having a public-domain, open-source statistical language, that can be accessed from an HTML web form (this list is not exhaustive and is not in any particular order): **a)** this allows remote script processing and user interactivity through nothing more complicated than a simple web browser; **b)** the need to install statistical software on the client's local storage media can be reduced (e.g. how often do complications arise for students who are attempting to install SAS on their home PCs? RSS's experience is that this is an all too frequent occurrence); **c)** as statistical software updates and bug fixes become rapidly available (via a decentralized group of open-source developers), these updates can then be rapidly applied for all concerned, due to the centralized nature of the server hosting the statistical software (see *The Cathedral and the Bazaar* for a more in depth discussion of these points); **d)** due to the non-proprietary nature of the software, there are cost-savings attributed to lowered statistical software expenses for organizations to whom every dollar counts (e.g. public/state institutions: libraries, colleges, universities, non-profit organizations, small businesses, etc.); **e)** even though there are many web based demos, tutorials, and data manipulation routines for statistics/research instruction (e.g. Java applets); usually these applets are created for a particular purpose, and are not part of a larger environment for statistical analysis and/or data manipulation. In contrast, R provides functionality for classroom demonstrations/tutorials while giving students access to a larger, extensible, integrated environment for data analysis (see Teaching-with-R.pdf).

More specifically, what does this larger, extensible, integrated statistical environment look like? And, just as important, why should we be motivated to use R in our classrooms?

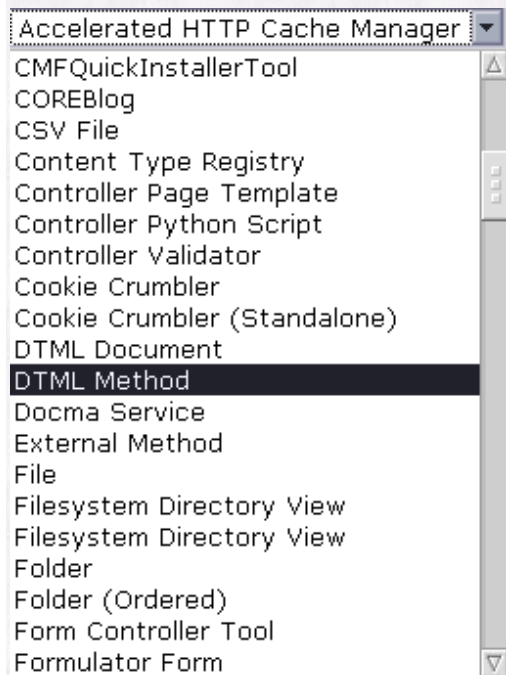## A Brief Introduction to the R Statistical Environment

The educational computing society known as the Association for Computing Machinery (ACM) presented their prestigious Software System Award to John Chambers, a researcher with Bell Labs, the research and development arm of Lucent Technologies. The presentation of the ACM Software System Award to John Chambers marks the first time in the 17-year history of this award, that it has been awarded for data-analysis software and the first time it has been given to a statistician. John Chambers is the creator of the S System for statistical computing, which the ACM said, "forever altered how people analyze, visualize and manipulate data" (see *John Chambers Gets ACM 1998 Software System Award for Creating 'S System'*, for the complete story). The S System has been continually evolving since 1976, and is currently available in commercial product S-Plus, and the GNU licensed R. The implementation of S that we will concern ourselves with is the GNU version of S - R. RSS has devoted numerous columns to the maintenance and utilization of the R statistical environment in an educational setting. Considerable documentation exists for R, most of which is available under some form of public-domain licensing. In addition to base R documentation, extensive documentation exists for supporting user contributed packages. The cross-platform R

project is   increasingly evolving into a system that is closely integrated with the underlying operating system environments on which R is maintained. This places R somewhere on a continuum between a full-fledged language for operating system scripting, and a powerful environment/language for statistical and graphical data analysis that rivals legacy statistical systems such as [SAS](#) or [SPSS](#).   Certainly, R presents a wonderful opportunity for educators, researchers and IT professionals, who wish to bring the cutting-edge work that is being done at the interface between [statistical science](#) and [computing technology](#), to bear on their respective activities. In the remainder of this current column, we will look at demonstrating, in some small way, web/internet programming practices that can make R available to educational and research audiences - all at little or no cost to the organizations utilizing these technologies.

CGI Based Approaches:

### Creating an HTML Form with Kupu Editor on the Web2survey Zope Server

This section assumes that readers have read the RSS article *[Editing HTML with the KupuEditor on the Web2Survey Zope Server](#)*. However, any valid HTML editor that produces HTML source code can be used (e.g. [NVU](#)). Nevertheless, here our purposes are twofold: a) a further demonstration of the [Kupu Editor](#); and b) a demonstration of the HTML/JavaScript necessary to use CGI scripts on RSS's R web servers. In this section, we will be picking up at the point where the folder **kupu** and the [Zope Page Template (ZPT)](#) **kupu_edit** have been created (see [June 2006 Benchmarks Online](#)). Now, we want to create a [DTML method](#) web page so that we can insert the necessary HTML markup tags that will contain our R script (i.e. an HTML form which contains R scripts). To do this, we start by using the object-drop-down-list on the [Zope management interface (ZMI)](#). We see the following when we select the list drop down menu:

```
Accelerated HTTP Cache Manager ▼
CMFQuickInstallerTool
COREBlog
CSV File
Content Type Registry
Controller Page Template
Controller Python Script
Controller Validator
Cookie Crumbler
Cookie Crumbler (Standalone)
DTML Document
DTML Method
Docma Service
External Method
File
Filesystem Directory View
Filesystem Directory View
Folder
Folder (Ordered)
Form Controller Tool
Formulator Form
```

From the drop down form window, we want to create a DTML method object and fill in the HTML form information: set the form field **Id** to a value of **tutorial_1** (remember - no spaces or special characters other than underscore) and set the form field **Title** a string value of: **My R Script** (spaces are allowed here). When we are finished applying these changes, we see the following in our web browser:
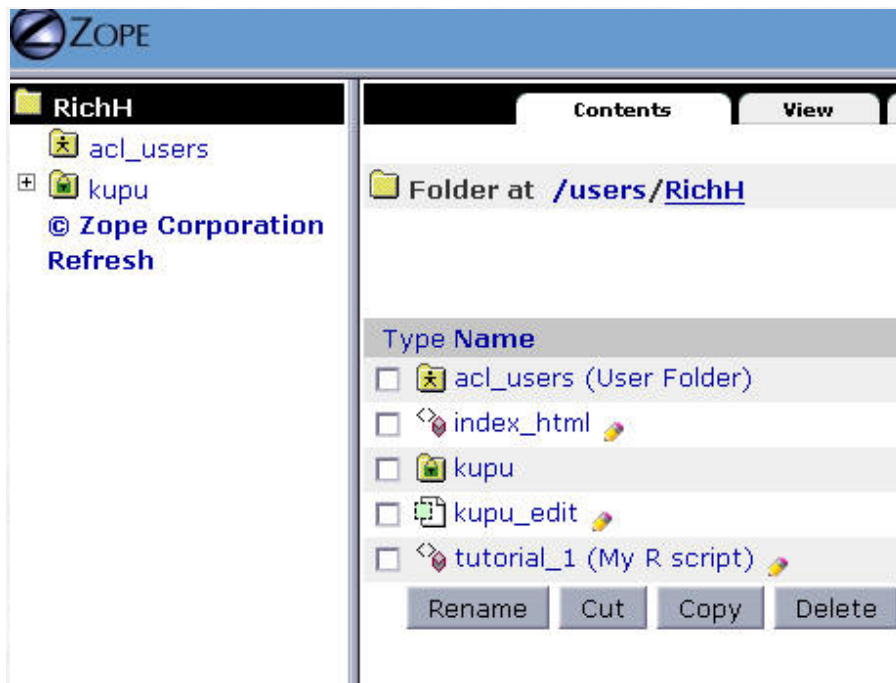
Now, we can begin editing the web page with Kupu editor by accessing the URL:

https://web2survey.unt.edu/users/RichH/tutorial_1/kupu_edit/
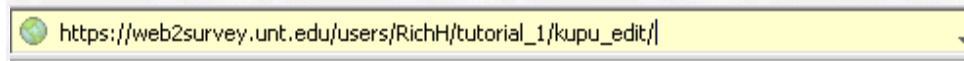
We see the following in our web browser:
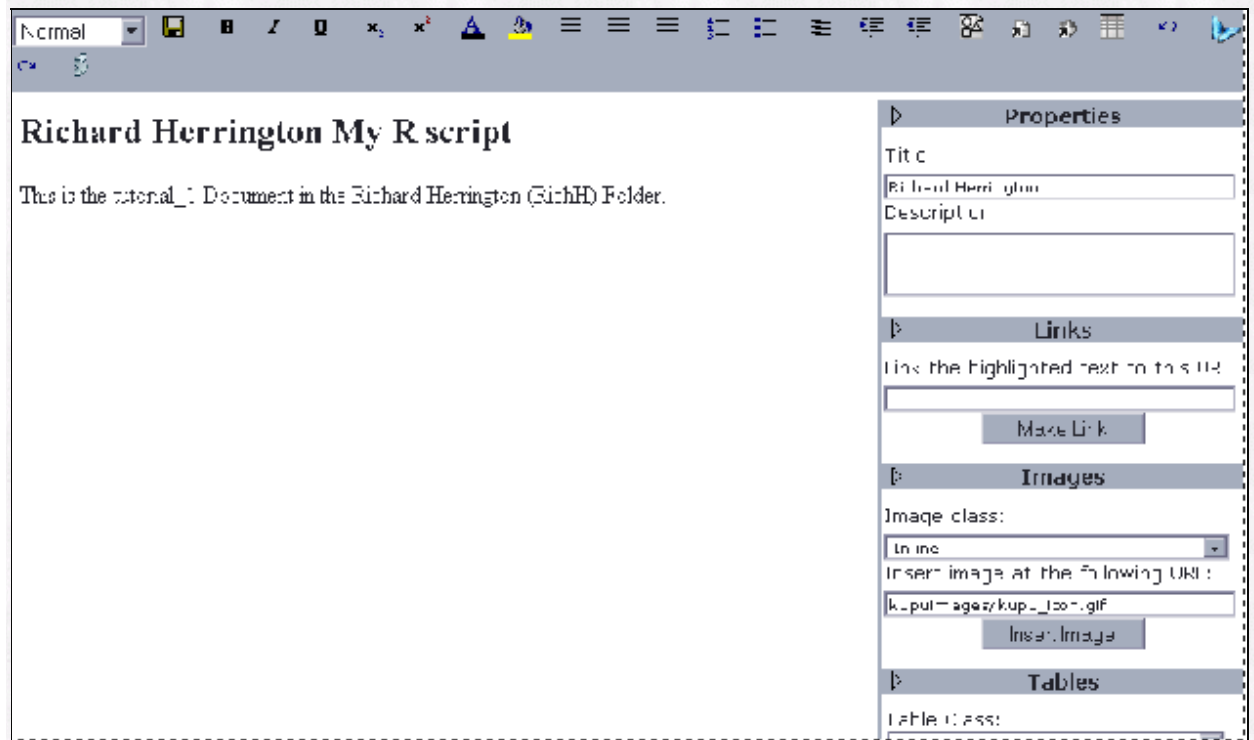
Click the **Edit** button to enter into the HTML source view; this is essentially the HTML markup language (without the formatting tags reflecting the WYSIWYG view). After editing the source HTML, click the button to take the browser window back to the **Preview** or WYSIWYG mode. Changes can be saved to the server by clicking the **Save Document to Server button**:

The HTML source view is presented below:

```
<h2>Richard Herrington My R script</h2>
<p>
This is the tutorial_1 Document
in the Richard Herrington (RichH) Folder.
</p>
```

I have set up four different R web template forms on *web2survey.unt.edu* to reflect four different possible uses of the R CGI scripts. Any of these scripts can be modified to reflect: different button labels; different initial R script lines; and which R web server that is accessed.. An overview of these template HTML forms is presented below with a link to a text file that is useful for cutting and pasting into your HTML editor (e.g. Kupu, NVU, Microsoft FrontPage):

HTML template A:
 https://web2survey.unt.edu/Utilities/Rweb_template1.txt   (note: this is for cut and paste purposes)

This form uses a CGI script based on Jeff Bainfield's Rweb code base. The HTML form presented below is a small part of a larger system of Bainfield's HTML and JavaScript pages that make up Rweb (http://rss.acs.unt.edu/Rweb/). These more extensive Rweb pages can be used to automate (with HTML forms) to give a more guided view of the statistical analysis of data. The form template presented below has a default R script placed in the HTML form (which can be modified as needed). This R script produces a histogram of 10 random normal deviates. This form **does NOT allow data upload; does NOT use JavaScript; and necessitates understanding the R language**. The HTTP address can be changed to utilize other R servers (e.g. the *kryton.cc.unt.edu* server - make sure to use the same subdirectory names in the URL path).

```
<body>
<br>
<form action="http://rss.acs.unt.edu/cgi-bin/Rweb/Rweb.cgi"
      enctype="multipart/form-data" method="post">
<p><textarea name="Rcode" rows="20" cols="45">
hist(rnorm(10))
</textarea> </p>
<p><input value="Submit"
          type="submit">
   <input value="Erase"
          type="reset"></p>
</form>
</body>
```

HTML template B:
 https://web2survey.unt.edu/Utilities/Rweb_template2.txt   (note: this is for cut and paste purposes)

 This form template is similar to **HTML template A** except that it utilizes JavaScript and allows a

 tab-delimited data file to be uploaded to the server. For details on how this works, see: http://www.unt.edu/rss/Rinterface.htm#Upload

[FrontPage Save Results Component]

```
<head>
<script language="JavaScript">
<!-- hide the following from non JavaScript Browsers
    function checkData(form){
        var URLData = form.URLData.value
        var FileData = form.FileData.value
        if (URLData && FileData){
                alert("You have requested data from both a URL and a file.
                        Please only select one.")
                return false
        }
        return true
        }
function RScript(){
        Debug = window.open('','R Script','width=150,height=150,
                        scrollbars,menu,resizable');}
// End of comment hiding JavaScript code  -->
</script>
</head>
<body>
<form
  onSubmit = "checkData()"
  action="http://rss.acs.unt.edu/cgi-bin/Rweb/RwebJavaScript.cgi"
  enctype="multipart/form-data"
  method="post"
  target="RScript()">
<TEXTAREA NAME="Rcode" ROWS=15 COLS=60>
hist(rnorm(10))
</TEXTAREA>
<BR>
<INPUT TYPE="submit" VALUE="Submit">
<INPUT TYPE="reset" VALUE="Erase Everything ">
<BR>
Enter a dataset URL :
<BR>
<INPUT TYPE="TEXT" NAME="URLData" SIZE=50>
<BR>
Select a local file to submit:
<BR>
<INPUT type="file" name="FileData" size=40>
</form>
</body>
```

HTML template C:
 https://web2survey.unt.edu/Utilities/Rweb_template3.txt (note: this is for cut and paste purposes)

 The CGI script that is used in this R web interface is based on M.J. Ray's Rcgi code base. The HTML form presented allows the script contents to be edited submitted/resubmitted. Additionally, an HTML table is presented with links to help for packages and functions, and tutorials on using R for graphical and statistical analysis of data. R script listings and text output appear in the browser window along with the R script in the HTML form window. The script HTML form window has two buttons: one button creates a postscript view of any graphics that have been generated (a postscript viewer must be installed the client's local operating system - e.g. ghostview); the other button creates a .GIF view of graphics (no viewer is necessary) that is displayed in a separate browser window (for a full view of this web interface for R, see: http://rss.acs.unt.edu/cgi-bin/Rprog)

```
<form method="post" action="http://kryton.cc.unt.edu/cgi-bin/R/Rprog">
<p><textarea name="INPUT" rows="5" cols="64">
hist(rnorm(10))
</textarea><br><input value="Run Program" type="submit"></p>
</form>
```

HTML template D:
 https://web2survey.unt.edu/Utilities/Rweb_template4.txt (note: this is for cut and paste purposes)

This form is similar to **HTML template C** except that the form window is hidden. After the initial HTML [POST](), the form window is visible with script contents visible as well. Subsequently, the form contents can be edited for resubmission.

```
<form action="http://kryton.cc.unt.edu/cgi-bin/R/Rprog" method="post">
<input name="INPUT" value="hist(rnorm(10))"
type="hidden"><p><input value="R Script" type="submit"></p>
</form>
```
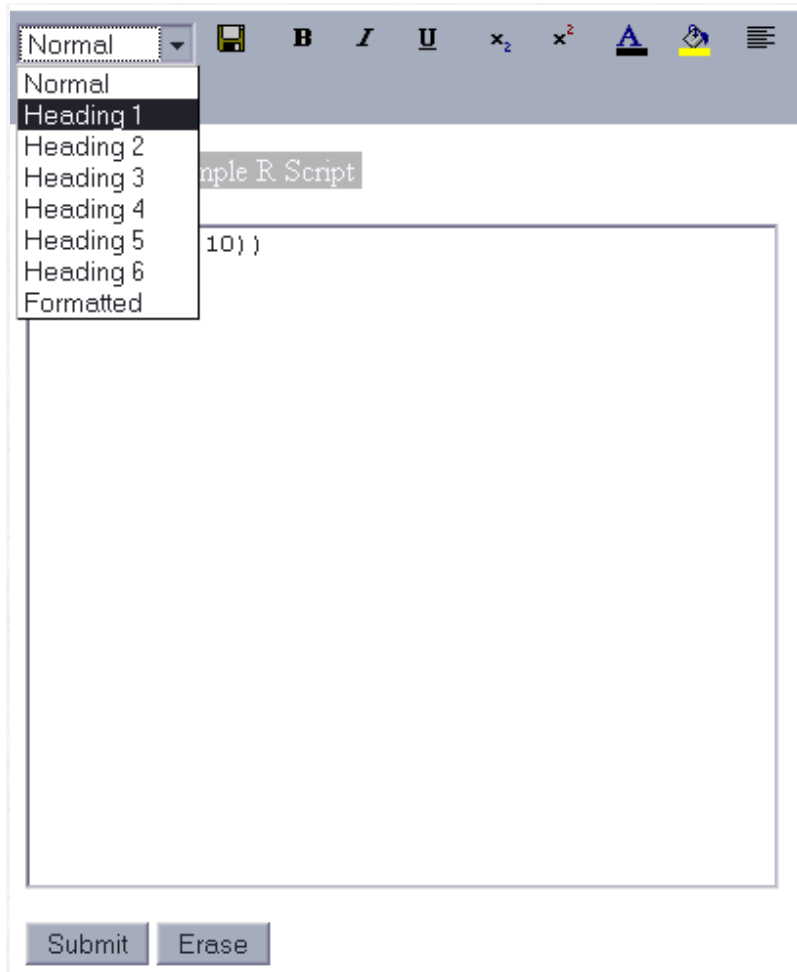
Now, we'll use the [Kupu Editor]() on [Zope]() (*web2survey.unt.edu*) to create a form that uses a [CGI]() script hosted on *rss.acs.unt.edu (or alternatively, kryton.cc.unt.edu).* One can use [other HTML editors]() for creating these HTML forms rather than using the Kupu Editor.

We'll work with **form template A**: Copy and paste the text from **form A** ([https://web2survey.unt.edu/Utilities/Rweb_template1.txt]()) into HTML source view of the Kupu editor:

```
<body>
<br>
<form action="http://rss.acs.unt.edu/cgi-bin/Rweb/Rweb.cgi"
        enctype="multipart/form-data" method="post">
<p><textarea name="Rcode" rows="20" cols="45">
hist(rnorm(10))
</textarea> </p>
<p><input value="Submit"
          type="submit">
    <input value="Erase"
          type="reset"></p>
</form>
</body>
```

Click the [Edit button] to access the **Preview/[WYSIWYG]()** mode. We want to add the [H1]() level heading title: **"This is my example R Script"**. To do this, we: 1) type the text above the HTML form; 2) highlight the text with the mouse; 3) modify the highlighted font by choosing a H1 level for the title - do this by accessing the drop down list on the menu bar (choose **Heading 1**):

Finally, 4) Click the ⊞ **Save Document To Server** button to save the current document changes to the server. We see the following in the web browser:

This is my example R Script

```
hist(rnorm(10))
```

Submit   Erase
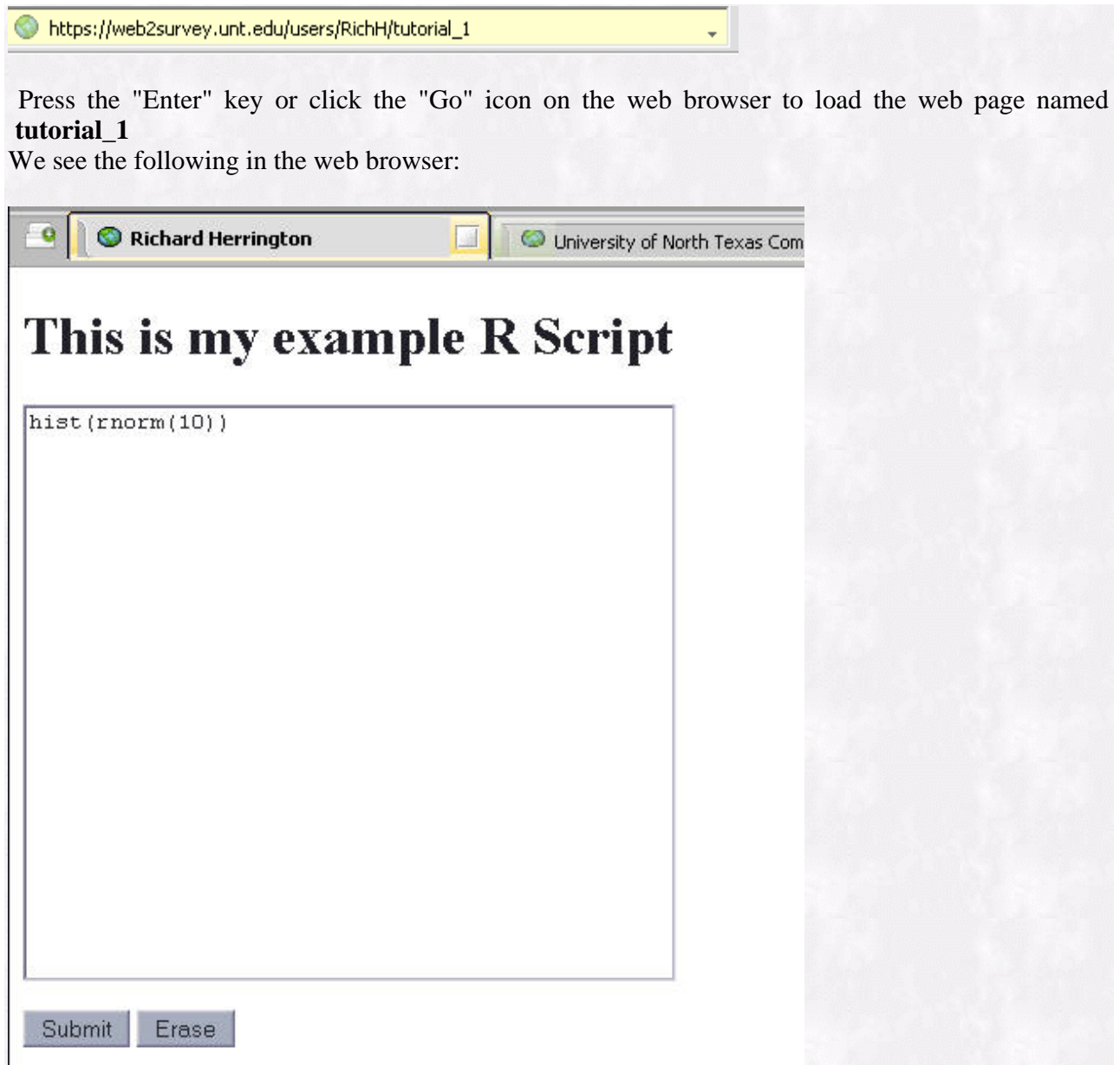
Now, click the ⌘ **Edit** button again to enter the HTML source view mode once again:

```
<h1>This is my example R Script </h1>
<form action="http://rss.acs.unt.edu/cgi-bin/Rweb/Rweb.cgi"
enctype="multipart/form-data" method="post">
<p><textarea name="Rcode" rows="20" cols="45">hist(rnorm(10))
</textarea> </p>
<p><input value="Submit" type="submit">
   <input value="Erase" type="reset"></p>
</form>
```
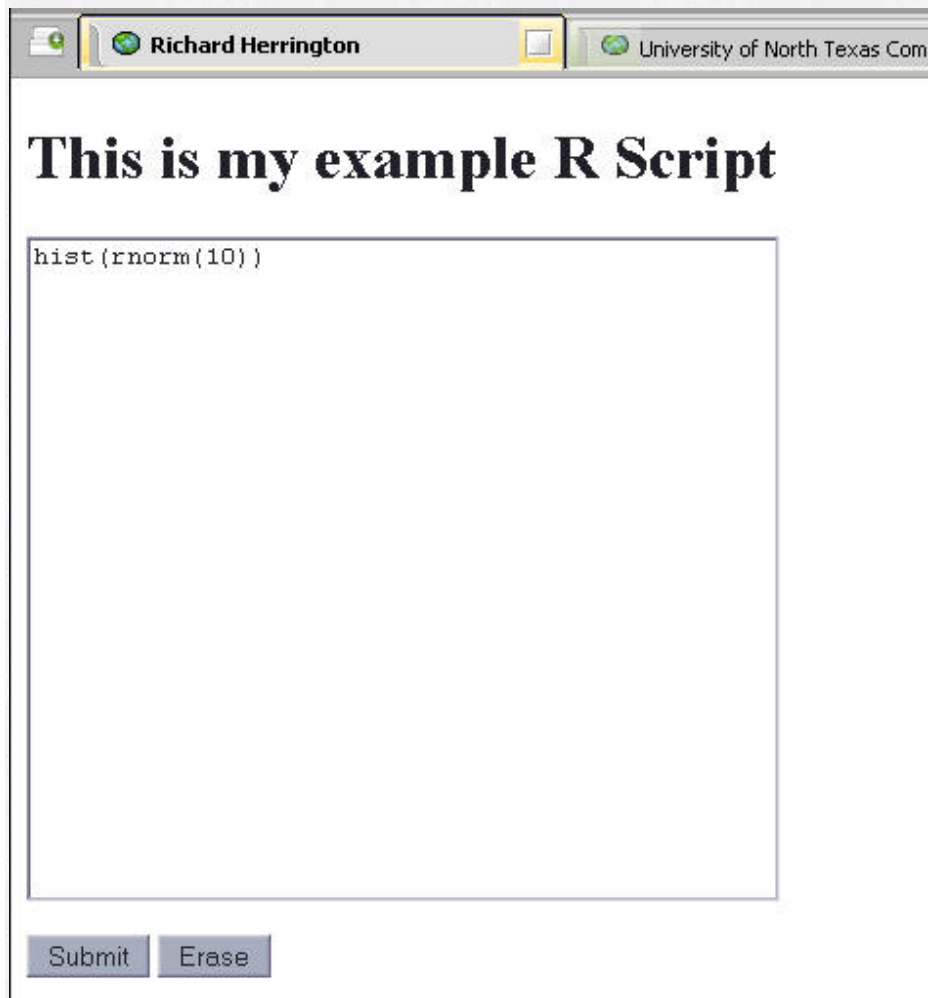
Notice that HTML code has been added to the source view - this reflects the addition of the <h1> </h1> heading tags. Using this approach, we can insert POST references to CGI scripts on remote servers. The POST methods in the HTML form allow immediate server processing of the R script, with the subsequent output being returned to the web browser for display. Now, let's access the form in a non-editing mode. To do this, back space in the browser URL field until you have the following URL:

https://web2survey.unt.edu/users/RichH/tutorial_1

Press the "Enter" key or click the "Go" icon on the web browser to load the web page named **tutorial_1**

We see the following in the web browser:

Richard Herrington   University of North Texas Com

This is my example R Script

```
hist(rnorm(10))
```

Submit   Erase

Next, **edit the contents of the form to reflect the R script presented below**. Save the document changes to the server and click the **Submit** button at the bottom of the HTML form to submit the R script to the server for processing (clicking the **Erase** button will reset the contents of the form window without submitting the form):

This is my example R Script

```
x<-rnorm(10)
x
par(mfrow=c(2,2))
hist(x)
plot(density(x))
qqplot(x)
```

Submit   Erase

Upon submission, we see the following in our web browser:

Results from Rweb

You are using Rweb1.03 on the server at rss.acs.unt.edu

```
R : Copyright 2006, The R Foundation for Statistical Com
Version 2.3.1 (2006-06-01)
ISBN 3-900051-07-0

R is free software and comes with ABSOLUTELY NO WARRANTY
You are welcome to redistribute it under certain conditi
Type 'license()' or 'licence()' for distribution details

R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publicati

Type 'demo()' for some demos, 'help()' for on-line help,
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

Rweb:> postscript(file= "/tmp/Rout.13731.ps")
Rweb:>
Rweb:> x<-rnorm(10)
Rweb:> x
 [1]  0.006955375 -1.255901650 -0.146972690 -0.389436260
 [6]  0.716074271  0.645183168  0.890775501 -0.206327364
Rweb:> par(mfrow=c(2,2))
Rweb:> hist(x)
Rweb:> plot(density(x))
```

Explanation of the R script: The data object "x" (in this case a vector) is assigned 10 pseudo-random numbers from a Gaussian distribution with location zero and scale one: "x<-rnorm(10)". The next line displays the contents of the vector "x". Next, the "par(mfrow=c(2,2))" line sets up a grid of four plot regions (two by two - however only 2 out of 4 are used). After the plot regions are set up, the following commands produce a plot region with a histogram and a plot region with a nonparametric kernel density estimate plot. Graphical output appear further down in the Rweb output page, after the R script listing and the R script output are displayed:

Images
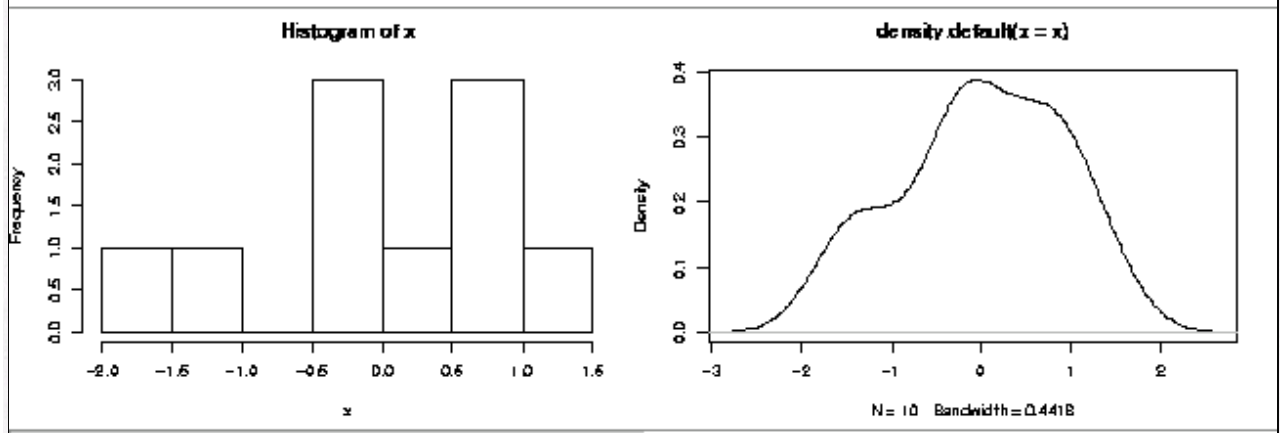
Where we are going from here

We close this article, by giving some indication of the topics that we'll be exploring in the coming months as part of the multipart series: *Open Source Technologies in the Classroom.*

R packages:

R supports a number of packages that facilitate CGI and HTML scripting (both server-side and client-side). For example: CGIwithR; R2HTML; xtable; XML; Rpad; RMySQL; Rdbi; httpRequest; RApache, RSPython, RSPerl, etc. These are only a small fraction of the libraries that can support web/internet programming with R. We hope to sample these packages and provide our readers with usable examples of how R can be integrated into internet equipped classrooms and be useful for applications in research:

Zope/Plone:

Zope 3: Zope 3 applications
 Content Management Systems: Plone; Silva; Kupu Editor
 E-learning Environment: DLCMS
 Collaboration Tools: CoreBLOG; ZiddleyWiki (for example, see RSS-Wiki - this site is in development)

Web/Internet Programming:

Programming: Python; Rpy
 Remote scripting: xmlHttpRequest; JSON on Zope; SOAP on Zope; Ajax for Zope - also see
                    ZopePrototype; TurboGears

This is not an exhaustive list by any means, but these are the "core" technologies that I would like to explore in the coming month's - If you have any interesting applications of these in an educational or research settings and care collaborate/share, feel free to email me at richherr@cc.admin.unt.edu. Also, if you are interested in applying the technologies to survey research, register with RSS-Surveys. From all of us here at RSS (Rich, Patrick, Mike, Jon) - good luck in your technology explorations and may the power of open source be with you!

Related Websites

Kupu Editor
Kupu Documentation
Lenya Kupu Documentation
O'Reilly Article: Rich Web Text Editing with Kupu
Kupu Zope Project
Zope Org
UCLA R Portal

Benchmarks Online

Short Courses

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

Short Courses are over for the semester. Surf over to the [Short Courses](#) page to see what sorts of classes may be offered next semester. If you have a group that needs a specific class, it may be possible to arrange a special class just for them . See "Customized Short Courses" below for further information.

Due to staffing and organizational changes, instructor-led courses offered in the past under the "Wide Area Network & Information Systems Courses" subheading such as "Getting Started with Dreamweaver" and "Moving from FrontPage to Dreamweaver" will not be taught this fall. According to the Central Web Support FAQ [page](#):

> **Microsoft FrontPage:** As Microsoft is dropping support for FrontPage, CWS is no longer supporting the FrontPage application or server extensions. Please migrate your site to Adobe's Dreamweaver or contact Central Web Support at cws@unt.edu for more information.

Besides the FAQ page listed above, Central Web Support also hosts a [tutorials page](#). You can consult the new computer based training website to see what offerings are available there also: http://www.unt.edu/cbt/

Customized Short Courses

Faculty members can request customized short courses geared to their class needs from ACS. 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](#), and the [Center for Distributed Learning](#). Additionally, the [Center for Continuing Education and Conference Management](#) offers a variety of courses, usually for a small fee.

EIS training is [available](#). Questions or comments relating to EIS training should be sent to the EISTRN GroupWise account.

Moving from GroupWise to Microsoft Outlook Training

Although the project has been [delayed](#), a useful source for finding resources for

preparing the campus community for this transition can be found here.

Central Web Support

Consult Central Web Support for assistance in acquiring "Internet services and support." As described on their website:

> Services include allocating and assisting departments, campus organizations and faculty with web space and associated applications. Additionally, CWS assists web developers with databases and associated web applications, troubleshooting problems, support and service.
>
> In addition the Central Web Support office provides training to faculty and staff for web development. Training courses that are offered include Dreamweaver, Fireworks, Integrating Dreamweaver and Fireworks, ColdFusion, Zope and SQL.
>
> In an effort to provide the services that the UNT Web Development [requires] our staff will continually add additional courses to fit the needs of our faculty, staff and students.

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 here.

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.

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.unt.edu/minicourses/

Alternate Forms of Training

Many of the General Access Labs around campus have tutorials installed on their computers. See http://www.gal.unt.edu/ for a list of labs and their locations. The Willis Library, for example, has a list of Tutorials and Software Support.

The Training Website has all sorts of information about alternate forms of training. Computer Based Training (CBT) and Web-based training are some of the alternatives offered.

For further information on CBT at UNT, see the CBT website. Note, also, the articles in the July issue of *Benchmarks Online*, "Get Revved Up for Office and Outlook 2007!" and "SkillPort Training Site Update." See also, "Free and

Legal: Copyright Advice and Training Online", "Office 2007 Training Available at the SkillPort CBT Website" and "The Gift that Keeps on Giving: Even More Outlook and Office 2007 Training Posted on the CBT Website" . Finally, this issue of *Benchmarks Online* contains the article "New Titles Added in SharePoint Server 2007, Publisher, Project, and Office 2007."

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Staff Activities

Transitions

New Employees:

- **Mark Leslie Eblen**, Student Assistant, Data Communications (part-time).

- **Abdulkader S. Bhanpurawala**, Student Assistant, Payroll/HR Systems, Finance & Administration Systems (AIS) (part-time).

- **Thomas J. (T.J.) Adamowicz**, Computer Systems Manager, Messaging, Enterprise Systems Technical Services.

No longer working in the Computing and Information Technology Center:

- **Jariya (Jun) Manoonkulchai**, Computer Systems Manager, Central Web Support, Enterprise Systems Technical Services.

- **Dave Gerlach**, UNIX System Administrator, CITC Operations & Infrastructure Support (AIS).

- **Richard Brown**, Programmer Analyst, Financial Information Systems, Finance & Administration Systems (AIS)

Changes, Awards, Recognition, Publications, etc.

CITC is First in Giving at UNT

CITC was given an award for "Highest Contribution by a Single Department" at the SECC "Thank you Luncheon" this month. The award is currently displayed in the front desk area of the CITC main offices at the Research Park. Yea!

Lafleur Graduates from FBI Citizens' Academy

Jennifer Lafleur, Assistant Director for Computing and IT Planning and Administration, graduated from the FBI Citizens' Academy November 6th. As we reported earlier, Lafleur was elected secretary of the InfraGard North Texas Chapter Board of Directors for a two year term this summer.

The North Texas InfraGard Chapter is a Federal Bureau of

Investigation (FBI) program created as a way for the Bureau to gain support from the information technology industry and academia. InfraGard and the FBI work together in an effort to exchange information that will allow them to handle security in the cyber arena.

Honoring our Veterans

Veterans Day was [November 11](#). The following CITC staff members served in the armed forces (information is self-reported). We thank them for their service:

- **Bill Belcher**, Programmer Analyst, EIS Application Infrastructure Management, AIS Tools & User Services - Viet Nam era Marine veteran.

- **Don Butler,** Assistant Director, Student/Contributor Services (AIS) - Specialist 4 (U.S. Army) 1970 - 1973.

- **Eric Duchemin**, Team Manager, Oracle Database Administration (AIS) - Served in USAF March 1969 - August 1972.

- **Paul Faaborg**, Communications Manager, Data Communications - Served in USAF 1982 - 1995. Career Highlight: Desert Storm mission critical support for missile warning. Secondary Career Highlight: Helped make and field F-15 aircraft, including deliveries to the Israeli Air Force.

- **Charley Fairall**, Classroom Support Coordinator, Classroom Support Services - A Viet Nam Marine veteran, he served as Honor Guard during the Veterans Day recognition services at his church recently.

- **Bryan Galloway,** Customer Service Representative, Telecommunications - Was drafted into the Army in November 1961 and discharged in November 1963. Did not see any action. Spent 18 months in Germany in the 7th Army.

- **Maurice Leatherbury,** Associate Vice President for Computing and Chief Technology Officer - An Air Force veteran from the Viet Nam era.

- **Christopher Strauss**, Remedy Database Administrator, Academic Computing and User Services - Major, U. S. Army, Retired [Field Artillery].

- **Alan Wilson**, Application Team Manager, Financial Information Systems, Finance & Administration Systems (AIS) - Served in the Army. Left as a Staff Sergeant in 1981.

Questions and comments should be directed to benchmarks@unt.edu

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