



Part-Time Engineering Multi-User Unix System

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System Configuration

- Primary Server @ APL - *aplcenmp.apl.jhu.edu*
 - 64bit Sun Ultra Enterprise 450/Solaris 8
 - Account server
 - Web server
 - Software development server
 - Email server
- Secondary Server @ APL – *aplcen.apl.jhu.edu*
 - SPARCstation-20/Solaris 7
 - Used in support of database classes (Oracle)
 - Unix News server
- Linux server for development (Dell dual-processor)
- Linux PC @ APL
 - Provides media transfer
- X-Terminals (all Centers)



Available Software

<p>Software Development</p> <p>Compilers C, C++, Fortran, Ada</p> <p>Interpreters Perl, Java</p> <p>Environments Xemacs, SDK</p>	<p>Web Tools</p> <p>Apache server</p> <p>Netscape browser</p> <p>PHP and MySQL</p> <p>Apache Tomcat to allow Java servlets (<i>coming soon</i>)</p>
<p>Editors</p> <p>vi, emacs, textedit</p>	<p>Other</p> <p>Open Office</p> <p>Matlab</p> <p><i>Madhatter</i> – new desktop a la MS Windows (<i>coming soon</i>)</p>



Need Faculty inputs *prior* to semester start



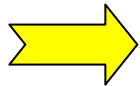
Remote Access

- Dial-Up Modem Pool
 - Available at both APL Center and Montgomery Center
 - Specifics available in the Unix Information sheet
- Via Internet
 - `aplcenmp.apl.jhu.edu` or `128.220.101.100`
- Email
 - Address format (`<username>@mail.apl.jhu.edu`)
 - Incoming and Outgoing mail server: mail.apl.jhu.edu
 - POP3 and IMAP4 supported
 - No Relaying
 - Anti-Spam filtering in place
 - Majordomo available



New Instructor Account Procedure

- Web-based application form is completed
 - Include course number and section
- Appointment is verified
- Account is created
- Email notification is sent



Anticipate a one-week turn-around



Instructor Web Pages

- Primary web page is created via a form
 - Represents course information
 - *Must be kept up-to-date*
- Secondary web page is hand-tailored by instructor
 - Represents specific class information
 - *Should be kept up-to-date*
- Instructor's Web Page Development Guide available on-line



Student Accounts & Information

- Procedures
 - In-person @ terminal in Unix lab
 - Log in as “newuser”
 - Notify lab instructor if there are any problems
 - Accounts “turn over” each Fall – they can be renewed
- Restrictions
 - Disk quotas based on number of Lab courses
 - No spam
 - No email relaying
 - Conservative approach toward web pages, e.g. use of CGI is restricted
- Information sheets – available in all labs
 - Unix Info
 - Communications



Web-Based References for Instructors

- General Information
 - <http://www.apl.jhu.edu>
- Instructor/Staff Account Applications
 - http://www.apl.jhu.edu/Misc/Acct_Form/unix_acct_form.html
- Course Web Page Form
 - <http://www.apl.jhu.edu/Courses/form.html>
- Web Page Development Guides and Policies
 - http://www.apl.jhu.edu/Misc/Instructor_Info/
- Facility Usage Policy
 - http://www.apl.jhu.edu/Misc/student_web_policy.html
- This Briefing
 - http://www.apl.jhu.edu/Misc/Instructor_Info