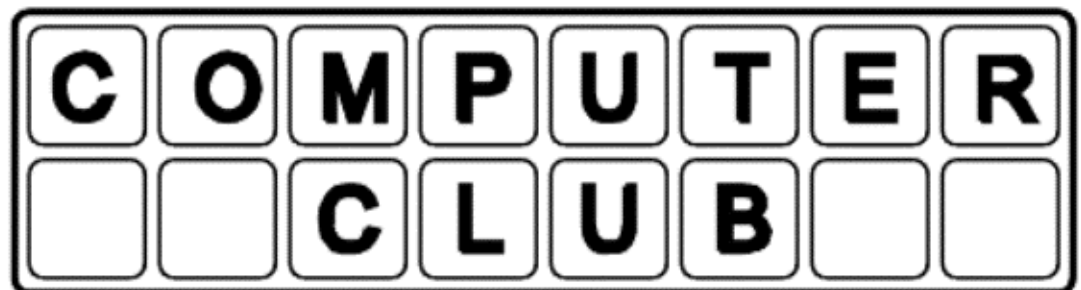




Carnegie Mellon

Intro &
Movie Night

Fall 2008



Agenda

- Club intro
- Order food
- About WarGames
- Movie



Who are we?

- Officer intros

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Who are you?

- Never been at a computer club event?

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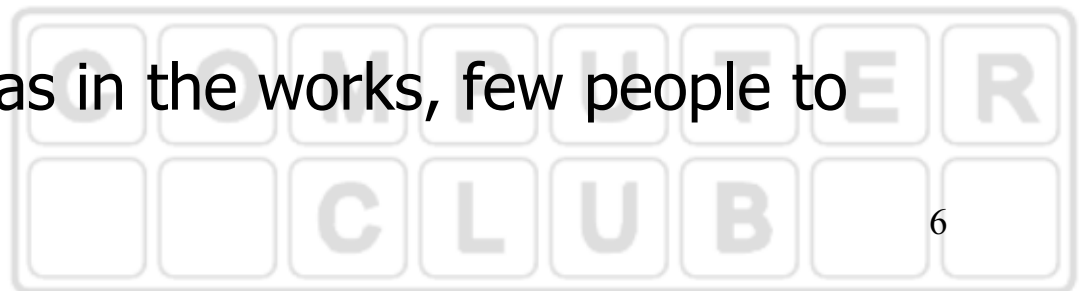
What do we do?

- Host lots of services for campus
- Maintain living computer history archive
- Hold social events (like this one)
- Advocacy/education/outreach



What do we do?

- Host services for campus
 - Contributed webserver:
www.contrib.andrew.cmu.edu
 - Tartans wiki: www.tartanswiki.org
 - Wikis for student organizations: see
my.contrib.andrew.cmu.edu
 - Usenet server(*), Jabber IM server, FTP software archives, ...
 - Gates construction webcam:
gates-cam.andrew.cmu.edu
 - Tons of other ideas in the works, few people to work on them



What do we do?

- House computer history archive
 - (mostly) running collection of lots of cool old machines
 - Suns, alphas, VAXen, SGIs, terminals, assorted scaries
 - Some *ancient* installations of BSD (Morris bug?)
 - Many classic manuals, books, install disks
 - Autographed windows 3.0 poster
 - ACM charter from the '60s



What do we do?

- Retro gaming/graphics/demos
 - Apple IIgs
 - Amiga (just arrived!)
 - Atari (budgeted for)
 - Mac classic
 - DOS
 - Early windows



What do we do?

- Hold social events
 - Movies (like this one!)
 - Retro games nights
 - (Graphics) demo nights
 - Watch for an announcement in mid-September
 - Unofficially, responsible for a lot of cluster gaming



What do we do?

- Advocacy/education/outreach
 - Give away Linux CDs & encourage people to use free software
 - Host lively, if impenetrable, discussions on amusing contemporary issues
 - (Aspire to) act as voice of student opinion on CMU computing policies



What do we do?

- Advocacy/education/outreach
 - Host/give talks on fun/useful/obscure topics
 - By students, or companies trying to recruit
 - So far: Morgan Stanley (wireless & convergent communication), Google (natural language processing)
 - Ideas: Breaking TCP, what is XSS, fun new DoS attacks, how to write secure code, hot-patching the Linux kernel, writing cool rootkits



Where do we operate?

- Machine room in Cyert B6 (sub-basement)
 - Raised floor, Halon++ fire suppression, in-room air conditioner, separate card access
 - 125 amp main breaker
 - 20+ 2.4GHz+ Pentium 4 rack machines, ~7 1.2GHz+ Pentium III rack machines, many various older tower machines
 - ~10 16-disk RAID boxes



Getting involved

- Come to meetings
- See what we're up to
- Propose something you'd like to do

- We've got tons of ideas:

http://wiki.club.cc.cmu.edu/org/ccwiki/Freshman_Project_Ideas



Project teasers

- Using live BGP (network routing) data, build smart applications/plugins that know what connections are going over i1 (limited) vs. i2 (faster & unlimited)
- Help us build a small supercomputer available to students for noncommercial/academic projects
- Super high-availability systems design

Types of people interested

- Interested students come from a variety of backgrounds...

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Types of people interested

- “I’ve never seen inside a computer. Can you teach me to build them?”
 - Sure, we often get computing services donations and need to inventory & consolidate the good parts
 - Hang out with us, and you’ll learn a lot more



Types of people interested

- “I’ve run Linux for a while, but I’m unfamiliar with a lot of the stuff you’re talking about.”
 - Sure, hang out with us and we’ll get you started on bigger stuff using what you know



Types of people interested

- “/ am the original ZeroCool. I was arrested for hacking at age 3.” / “I don’t have time for you guys. I earn \$100/hr doing consulting on this stuff.”
 - We’d love to talk shop
 - Our service activities could really use your skills
 - Maybe your resume/CV could benefit?



The club is here for you

- If there's something you'd like to see a club do related to computing, we're probably the best home for it
- We're small enough that a few dedicated new people can set the direction of the club



Finally, a fun challenge

- 2 of the last 3 people to gain admin privileges did so by hacking our authentication server
- If you creatively earn your privileges and aren't destructive/abusive, we'll let you keep them
 - But feel free to patch the hole to make it harder for the next guy!
- Ask an old timer, we're happy to make suggestions for attack vectors

The end is nigh

- How to find us
 - Machine room hour
 - 6pm Saturdays in Cyert B6
 - Stop by, get a tour and an account
 - Weekly discussion meetings
 - 5pm Tuesdays in Wean 5328
- Mailing lists
 - event-announce-subscribe@club.cc.cmu.edu
- Questions, anything else?



Ordering pizza

- \$1 buy-in
- pizza.conf:
<http://wiki.club.cc.cmu.edu/org/ccwiki/Events/pizza.conf>
- Ok, order already!



About WarGames

- Who has never seen it?
- Why significant?
 - Really first introduced home PC hacking to Hollywood and thereby the public
- Fun trivia
 - Coined term wardialing
 - Set used as NORAD command center most expensive ever made up to that time
 - Set design later copied by NORAD

Commence!

- Start the movie already!

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