Computers and Analysis at Nevis
02-Jun-2010
Bill Seligman

- 2:00 PM: Computer resources at Nevis
- 2:15 PM: ROOT - What is it? Why do we use it?
- 2:30 PM->end of day:
  - Hands-on ROOT Course, day 1
- Tomorrow: 9:30AM->lunch:
  - Hands-on ROOT Course, day 2
Who am I?
(Systems administration)

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Will cheerfully answer questions on:
Unix (& Mac) / security / software / networking
Will grumpily complain about questions on:
Windows / hardware

You can find more information about me (too much!) on my web site, which I’ll leave for you to discover.
Computer Systems at Nevis
Linux Cluster

Administrative servers

- hypatia
  - administration, NIS
- ada
  - web server
- sullivan
  - mailing-list server
- hogwarts
  - staff
- franklin
  - Mail, DNS

Workgroup servers

- kolya
  - ATLAS
- karthur
  - ATLAS/D0, condor
- tehahu
  - VERITAS
- westside
  - Neutrino
- shang
  - DOE
- xenia
  - ATLAS Tier3
- riverside
  - Neutrino
- morningside
  - Neutrino

Workstations
- batch nodes
- student boxes

<http://www.nevis.columbia.edu/linux/>
<http://www.nevis.columbia.edu/linux/cluster-names.html>
## Computer Systems at Nevis
### Printers

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>bw-research</td>
<td>Black and white, high-speed, duplex</td>
<td>near building entrance</td>
</tr>
<tr>
<td>color-research</td>
<td>Color, duplex</td>
<td>near building entrance</td>
</tr>
<tr>
<td>bw-admin</td>
<td>Black and white</td>
<td>far end of west hall</td>
</tr>
<tr>
<td>bw-elec &amp; bw-design</td>
<td>Black and white, high-speed</td>
<td>electronics building</td>
</tr>
</tbody>
</table>

### Typical printer commands:

- **To print black and white on plain paper:**
  ```
  lpr -Pbw-research document.ps
  ```

- **To print in color:**
  ```
  lpr -Pcolor-research filename
  ```

For more information, see: [http://www.nevis.columbia.edu/software/printing.html](http://www.nevis.columbia.edu/software/printing.html)
Web Site

Nevis Home Page:  
<http://www.nevis.columbia.edu/>

Computing Pages:  
<http://www.nevis.columbia.edu/twiki/bin/view/Nevis/Computing>

Linux Cluster Pages:  
<http://www.nevis.columbia.edu/twiki/bin/view/Nevis/LinuxCluster>

Mail Pages (including anti-virus and anti-spam tools):  
<http://www.nevis.columbia.edu/twiki/bin/view/Nevis/Mail>

System News:  
<http://listserv.nevis.columbia.edu/pipermail/nevis-linux/>

I try to keep these pages up-to-date. If there are problems, let me know -- but please be forgiving!
And now...

A waste of three minutes