

Command Line: Working With Data Workshop Handout

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curl      1. curl http://www.gutenberg.org/files/76/76-0.txt
          2. curl -s http://www.gutenberg.org/files/76/76-0.txt | head -n 10
          3. curl http://www.gutenberg.org/files/76/76-0.txt > finn.txt
          4. curl -s http://www.gutenberg.org/files/76/76-0.txt -o finn.txt
          5. curl -I http://www.gutenberg.org/files/76/76-0.txt
          6. curl j.mp/locatbbar
          7. curl -L j.mp/locatbbar
          8. curl -s http://github.com/nuitrcs/command-line-working-with-data/Wdata.zip -o Wdata.zip
          9. unzip Wdata.zip
tar       10. tar -c Wdata
          11. tar -cf data.tar Wdata
          12. tar -cvf data.tar Wdata
          13. tar -cvf Wdata.tar Wdata otherfolder yafolder file1 file2
          14. tar -tf Wdata.tar
          15. tar -xvf Wdata.tar
using ssh 16. ssh -X <netid>@quest.it.northwestern.edu
          17. ls
          18. pwd
scp       19. scp finn.txt <netid>@quest.it.northwestern.edu:
          20. ls
          21. scp -r Wdata <netid>@quest.it.northwestern.edu:
          22. ls
          23. cp -r Wdata from_remote_dir
          24. scp -r <netid>@quest.it.northwestern.edu:from_remote_dir local_dir
          25. ls local_dir

sed -n input
lines ranges
```

```
sed -e (and g)
s/pattern/replacement
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regex

Rename multiple
files

Filter based on
location
pattern
randomness

Find/replace a
word in multiple files

Caluclate statistics
from csv

Time