

Why the Command Line?



Thank you for asking *why*!

The CLI vs. The GUI

The Graphical User Interface

- Ease of use
- Protections
- Easy Learning Curve
- *For the user*



The CLI vs. The GUI



The Command Line Interface

- Legacy
- Speed
- Automation
- *For the developer*



How we will use the CLI...

Installing Software 

Interacting with Software 

Manipulating your Directory Tree 



The Marcy
Lab School

What if I wanted to create this structure using the GUI?

```
Your Workspace/  
|  
|-----my_interests/  
|       |  
|       |--interest1.txt  
|       |--interest2.txt  
|  
|-----my_entertainment/  
|       |  
|       |---music/  
|       |       |--artist1.md  
|       |       |--artist2.md  
|       |  
|       |---television/  
|       |       |--show1.txt  
|       |       |--show2.txt  
|  
|-----my_family/  
|       |  
|       |---family_member1.md  
|       |---family_member2.md  
|       |---family_member3.md
```

Let's do this together...

```
Your Workspace/  
|  
|-----my_interests/  
|       |  
|       |--interest1.txt  
|       |--interest2.txt  
|  
|-----my_entertainment/  
|       |  
|       |---music/  
|       |       |--artist1.md  
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|       |---television/  
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