TERMINAL WIZARDRY

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UTILIZING COMMAND LINE TOOLS TO IMPROVE WORKFLOW

Topics

- Bourne-Compatible Shells
- Aliases
- Shell Scripting

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BASH vs ZSH

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- Command name, path, argument, wildcard completion
- Value, menu prompt
- Exception handling
- Pattern matching
- Recursive globbing

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So why ZSH?

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- Path expansion & replacement
- Autocorrect
- Syntax highlighting
- Snippets
- Context sensitive help
- String processing
- Floating Point
- Math function library
- Substring search
- Suffix/Global aliases

AND MUCH MORE!

Oh My Zsh

- Themes
- Plugins
- Built-in aliases
- Fun!

Aliases

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- Useful for often-used commands

```
alias fullstack=“cd ~/Documents/Fullstack”

alias fsa=“cd ~/Documents/Fullstack && cd”
```

Aliases

- Useful for often-used commands
- Simplify multi-part functionality

```
alias solutions=“cd Fullstack/1602-Library && git
        pull && sublime . && open . && clear”

git checkout -b branch_name = git branch branch_name
        && git checkout branch_name
```

Aliases

- Useful for often-used commands
- Simplify multi-part functionality
- They can be fun!

```
alias please=“sudo” // built into oh-my-zsh

alias bringMe=“npm install -g”

alias fireDrill=“git stash && git checkout -b omg-fire
&& git stash apply && git add -A && git commit -m
'fire fire fire' && git push -u origin omg-fire”
```

Shell Scripting

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Shell Scripting

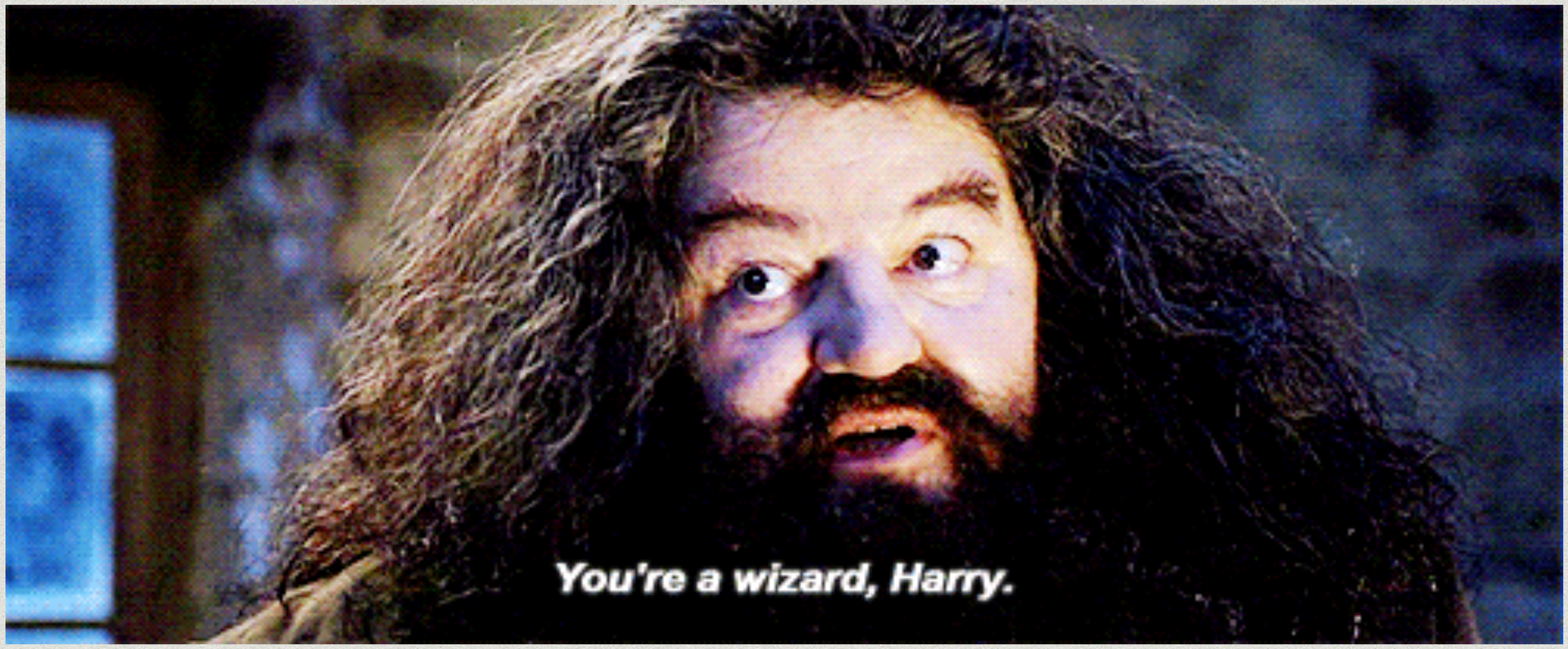
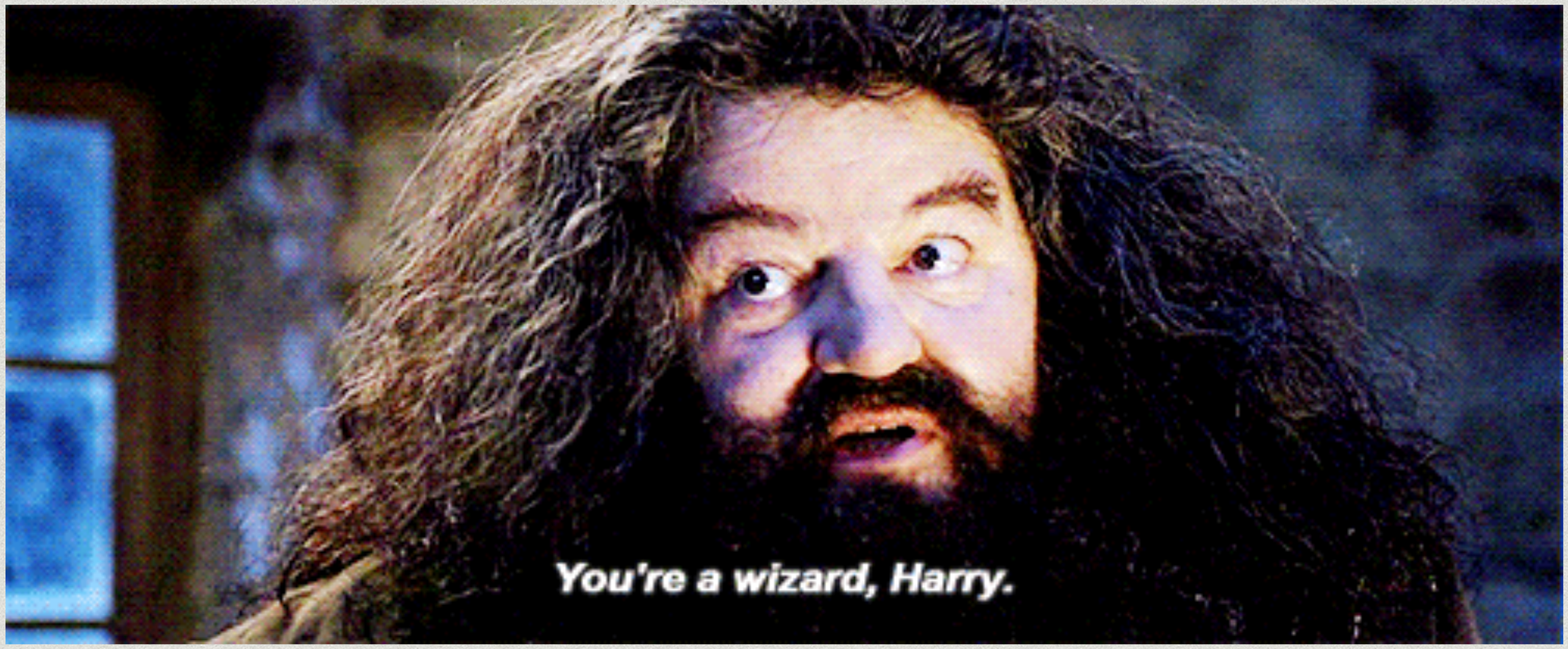
- Creating your own power tools & utilities
- Generating automation
- Creating simple applications
- Customizing admin tasks
- They can also be fun!

DEMO TIME!

Additional Resources

- Why ZSH is Cooler Than Your Shell
- Oh My Zsh
- The Z Shell Manual
- Become A Command-Line Power User With Oh-My-ZSH And Z
- Aliasing
- An Introduction to Useful Bash Aliases and Functions
- Apple - Shell Scripting Primer
- Why Shell Scripting?
- Understanding Linux Shell & Basic Shell Language Scripting Tips

The End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