Discord Bot

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Discord

- What is it?
- Why does it need bots?
- Existing bots
- Why does it need more bots?

Wanted Features

- ▶ Convenience
- ▶ Information Grabbing
- ▶ Administration

Technologies used

- Node.js
  - Discord JS
  - YouTube DL
- MySQL
- Python
  - Opus

APIs used

- uselessfacts.jsph.pl
- icanhazdadjoke.com
- pokeapi.co
- taco-randomizer.herokuapp.com
- meme-api.herokuapp.com
- api.nasa.gov
- jservice.io
- api.tronalddump.io
- api.adviceslip.com
- api.openweathermap.org
- artii.herokuapp.com

Features (Info Grabbing)

- Time
- YouTube Playback
- Weather Information
- Ascii Art
- Random Jokes
- Random Facts
- Pokemon Stats

- Wikipedia Search
- Trump Quotes
- Random Taco Recipes
- Trivia
- Nasa Picture of the day
- Random Meme
- HTML Tag Search

Features (Convenience)

- Ping Pong
- Dice Roller
- Magic 8 Ball
- ToDo List
- Help

Features (Server Administration)

▶ Create Channels

▶ Create Roles

▶ Remove Inactive Users

▶ Assign Roles to Users

▶ Member Lists by Status

▶ Ban User

▶ Kick User

▶ Mute/unmute user

▶ Clear Channel

Issues with Dictionary APIs

- ▶ Server Side vs Client Side
- ▶ Authentication Methods
- ▶ Solution

Issues with Programming Documentation

- Why it worked for HTML
- Redirection
- Non-standard Documentation
- Bad Searches

Conclusion

- Expectations vs Reality
- Lessons Learned
- Future Plans

Questions?