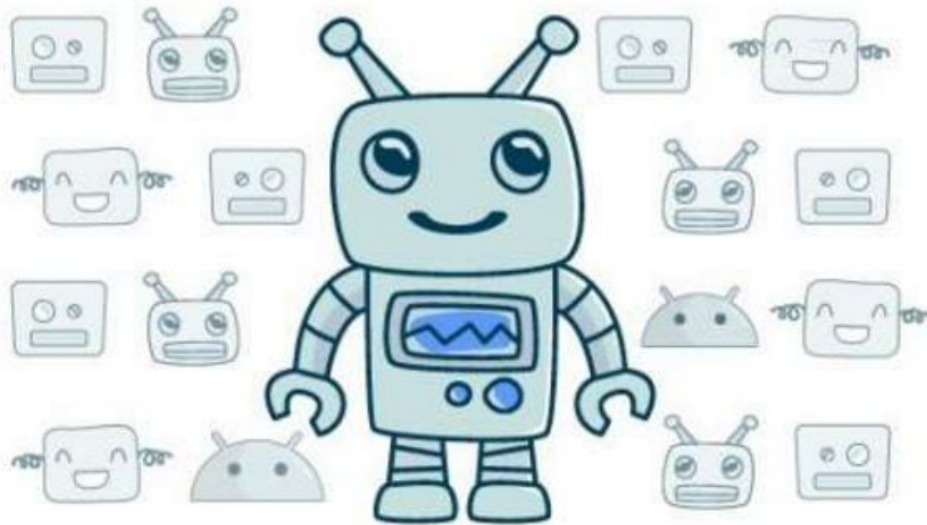


Microservices

Star - Chatbot with your friends



Task

Bring up a server (e.g on Heroku), that has the following API:

`/?message=<message>`

It replies with a message.

That's a chatbot service.

Now, implement a personality. Here's some ideas:

- Broken record: Always answer the same thing
- Drunk: Answer randomly from a list
- Parrot: Repeat whatever was said to you
- Copycat: Forward what you were asked to another chatbot, and respond with the response of that other chatbot.

- Macbeth: Look for the most similar sentence from Macbeth by Shakespeare and respond with it
- Trump: Reply with Trump's most recent tweet
- Awake: Ask all other chatbots "awake?" at midnight

Important notes:

- Your chatbot can call other chatbots
- Your chatbot can do so on its own (not triggered by a user request)
- Your chatbot can store previous messages it received and act based on that (Geekout)
- Your chatbot can know where the request is coming from based on the ip and port (Ninja)
- The average number of requests your chatbot sends to other chatbots must be less than 1 on average (otherwise, we might get into endless loops). So for example, if you implement the Copycat, then 5% of the time you should return a response without forwarding it to another chatbot (that will make your average number 0.95).

On Wednesday, will all share amusing things that happened. Document any interesting conversations the chatbots make!

We will select 3 judges and have the **ITC Chatbot Academy Awards** with these categories:

- Most intelligent chatbot
- Most idiotic chatbot
- Most romantic chatbot
- Most friendly chatbot
- Most lovable chatbot
- Most outgoing chatbot
- Most spiritual chatbot
- Most funny chatbot
- Most wasted chatbot
- Most creepy chatbot
- Most pretty chatbot
- Most technically impressive chatbot