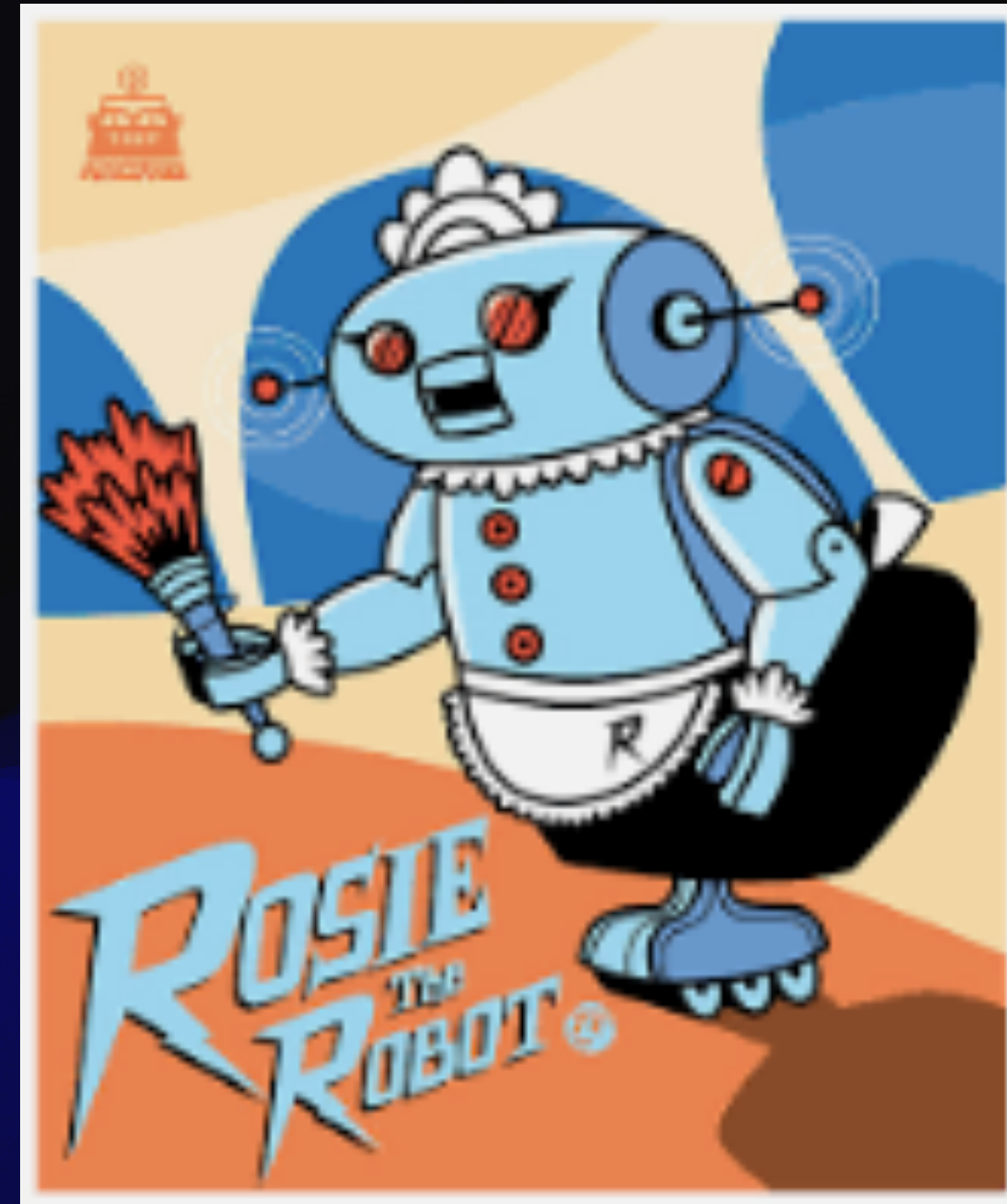


RoboRosie

Robotic Personal Assistant



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Project Overview

Rosie is a robotic personal assistant built on top of Amazon's Lex platform which allows for easy bootstrapping of chatbots with conversational AI capabilities



About Lex:

- ❖ Powered by the same deep learning engine as Alexa
- ❖ Leverages automatic speech recognition (ASR) to convert speech to text
- ❖ Employs natural language understanding to recognize intent of text
- ❖ Easily integrates with other Amazon Web Services to enhance capabilities & create custom solutions
- ❖ Supports context natively requiring no custom code

Use Cases

Using AWS Lambda, Amazon's serverless computing platform, Rosie was enhanced to perform the following using cases:

1. Transaction Tracker

- Retrieve transaction details for most recent purchase at a given retailer
- Track retailers where most money is spent for a provided month

2. Subscription Management

- Track renewal dates, renewal amounts
- Set reminder to cancel trial subscription

3. Expense Management

- When are utility bills due
- How much

4. Crypto Advisor

- Query rate of return for provided crypto currency
- Find current price of various crypto currencies

