

Alexa, how to develop a skill?



# Overview

- Setup
- Architecture
- Alexa Framework
- Design

# Where to get started

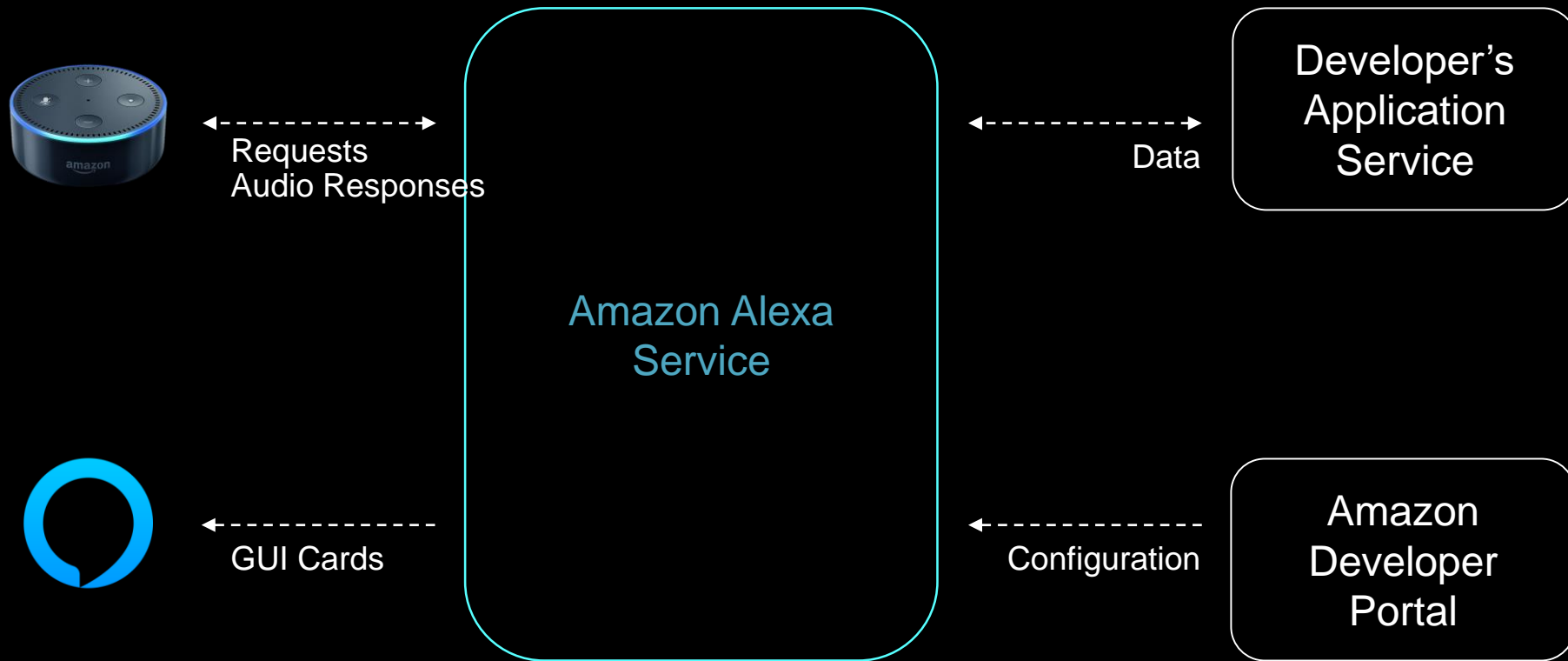
- <https://developer.amazon.com/>
- <https://developers.google.com/actions/design/>
- <https://www.twitch.tv/amazonalexa>
- <http://amazonalexa.slack.com/> (or Google)
- <https://github.com/alexa/> (use a template)

# Infrastructure

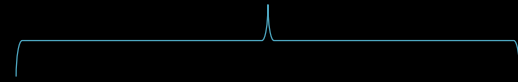
- Amazon developer account
- HTTPS endpoint ([check requirements](#))
- No device necessary

# Use Case

- Do one thing really well
- **Custom**, Flash Briefing, Smart Home, Video, Music
- Start small and scale
- Top category: games



Invocation Name



Alexa ask Histamin Helfer if I am allowed to eat  
carrots.

QueryIntent



Alexa ask Histamin Helfer if I am allowed to eat  
carrots.

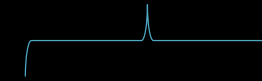


Intent

Alexa ask Histamin Helfer if I am allowed to eat  
carrots.  
are carrots well tolerated.  
with carrots.

Utterances

Custom Slot



Alexa ask Histamin Helfer if I am allowed to eat  
{FOOD}.

Carrot  
Apple  
Cucumber  
Tomato  
Pizza  
....

Your interaction model is never complete.

# Responses

- Tell or ask
- Plain or Speech Synthesis Markup Language (SSML)
- Pick a voice (optional)

# Design

- Try and listen to your prompt 50-100 times.
- Be short and clear.
- Provide variations.
- Guide the user.

**Thank you!**

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