Integração VUI

IFTTT, Alexa, Google Home, DialogFlow, Blynk

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Como integrar a interface de voz para criação de novas experiências?

IFTTT My Applets Activity Search

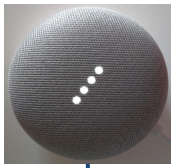
My Applets > Google Assistant

If You say "light bulb", then Make a web request

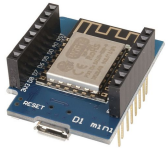
by victortakashih

Learn more

On



IFTTT



Ok Google,
light bulb

check if
IFTTT rule

<custom
response>

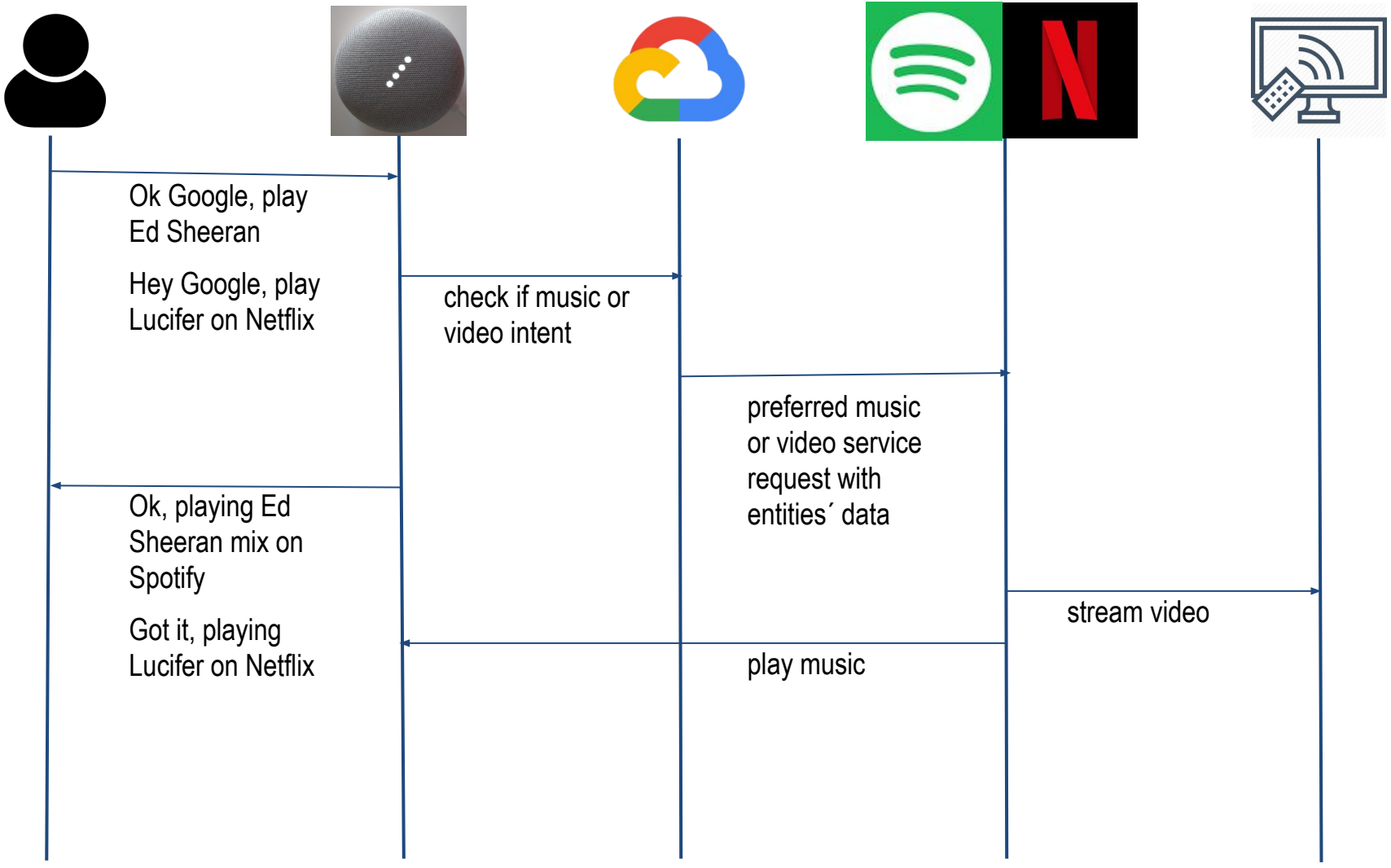
IFTTT rule:
GET request

PIN change
on cloud

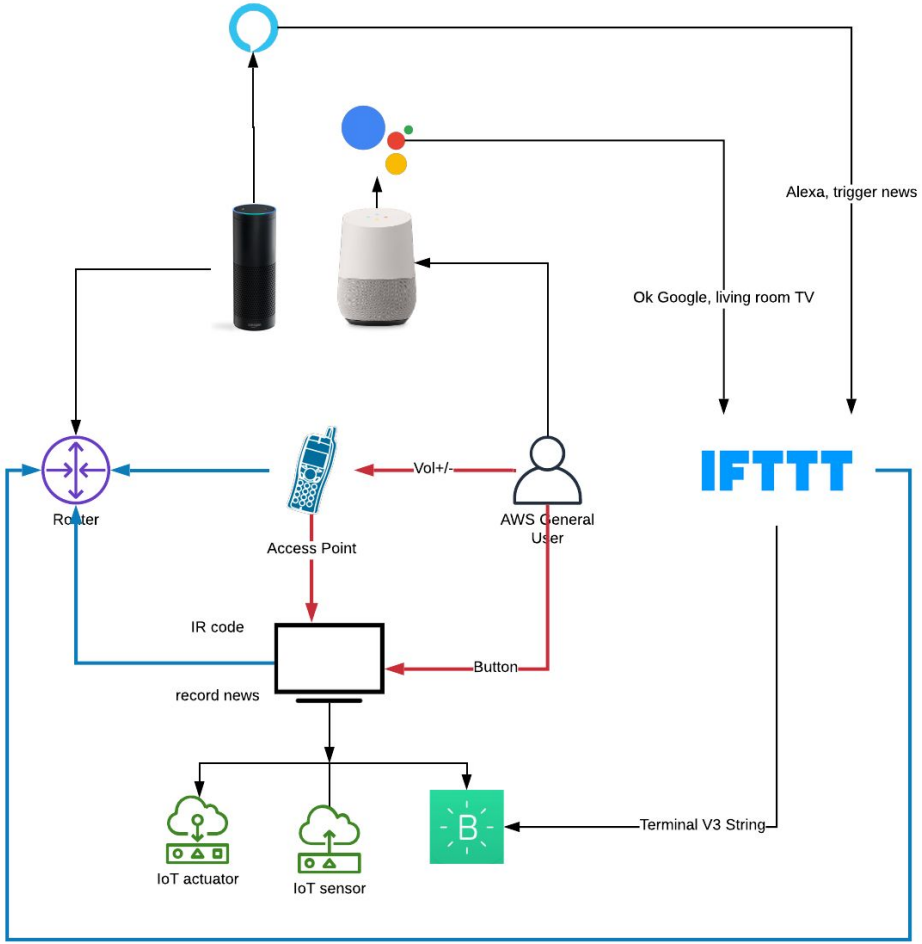
Change
physical
PIN

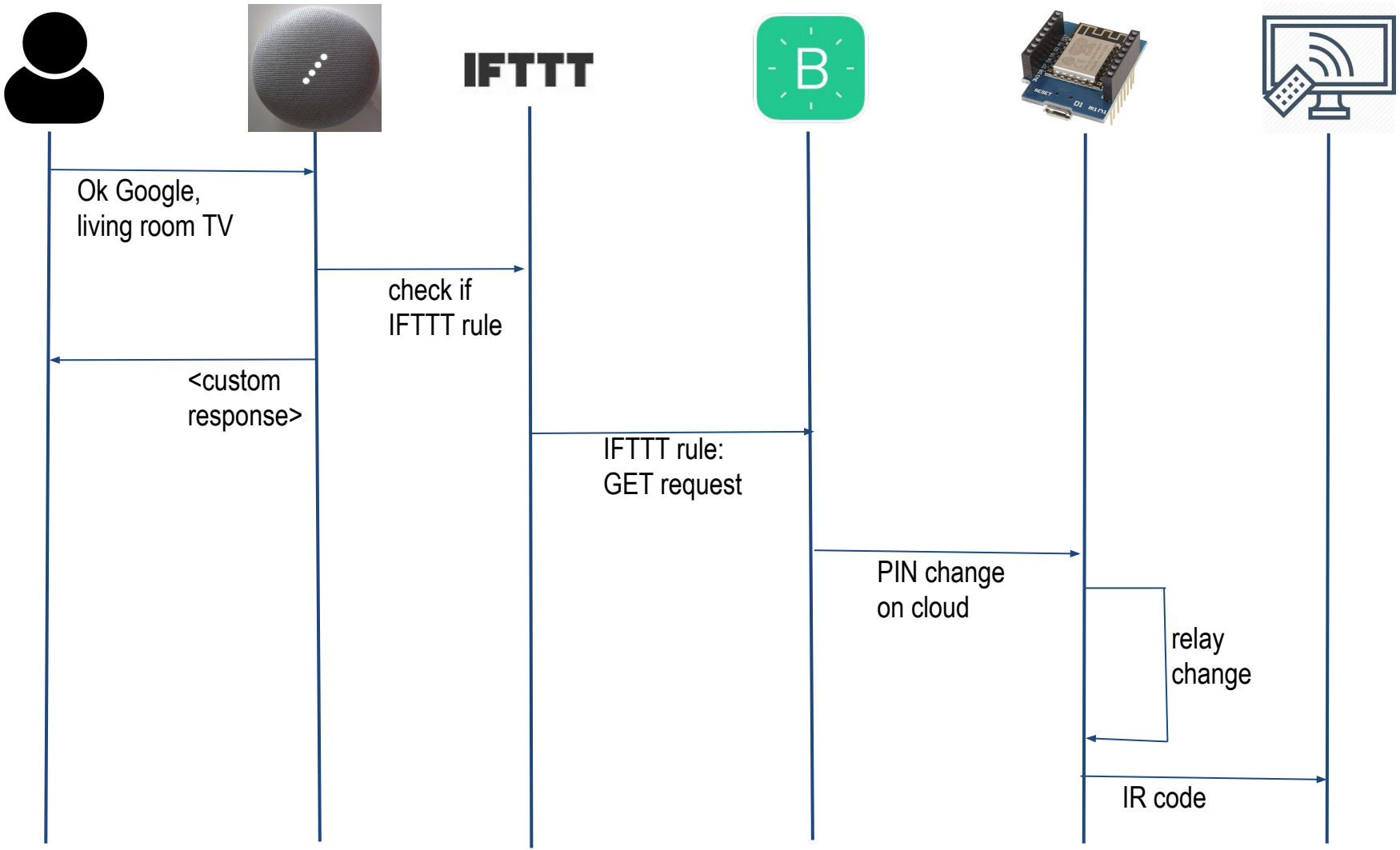
Agenda

1. Exemplo TV: IR/Netflix/Spotify
2. Dialogflow: estado para monitoramento e uso do contexto na resposta
3. Infraestrutura Voz
4. **Demo**
    a. Python: Dialogflow NLU com TTS Amazon Poly
    b. Plataforma Dialogflow


Ok Google, play Ed Sheeran
Hey Google, play Lucifer on Netflix
check if music or video intent
preferred music or video service request with entities´ data
Ok, playing Ed Sheeran mix on Spotify
Got it, playing Lucifer on Netflix
play music
stream video

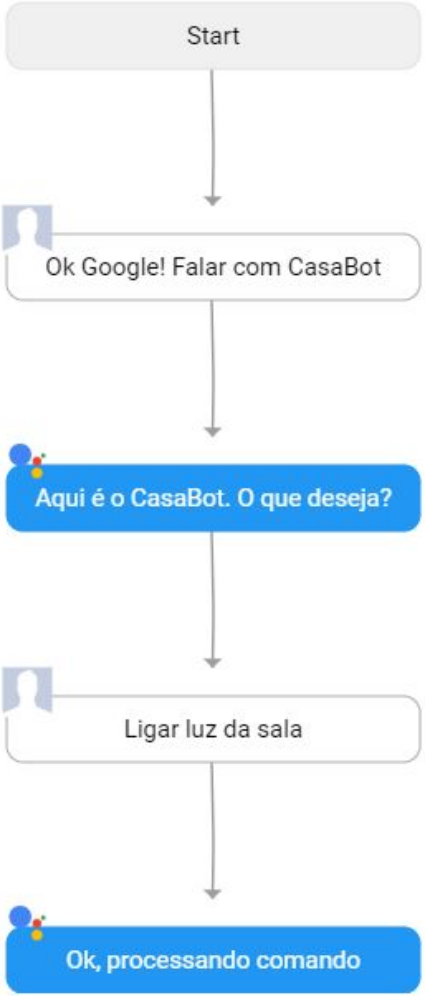
Arquitetura TV

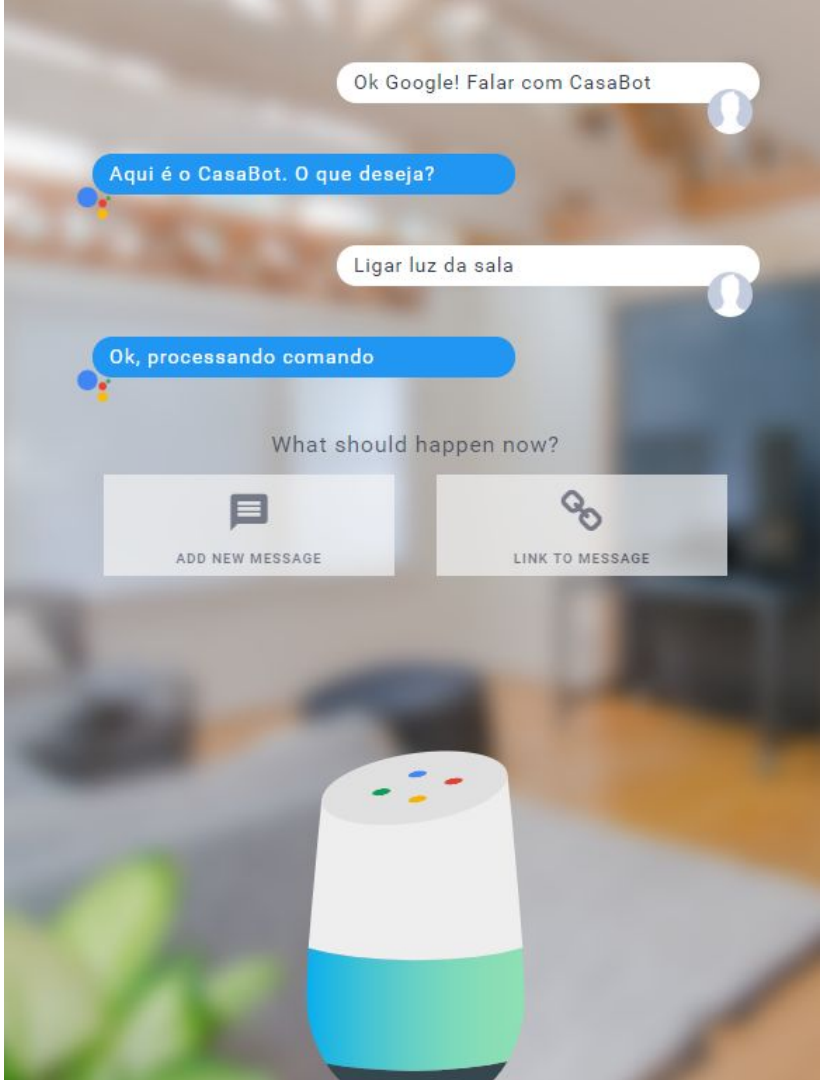



IFTTT
Ok Google,
living room TV
check if
IFTTT rule
<custom
response>
IFTTT rule:
GET request
PIN change
on cloud
relay
change
IR code

Botsociety

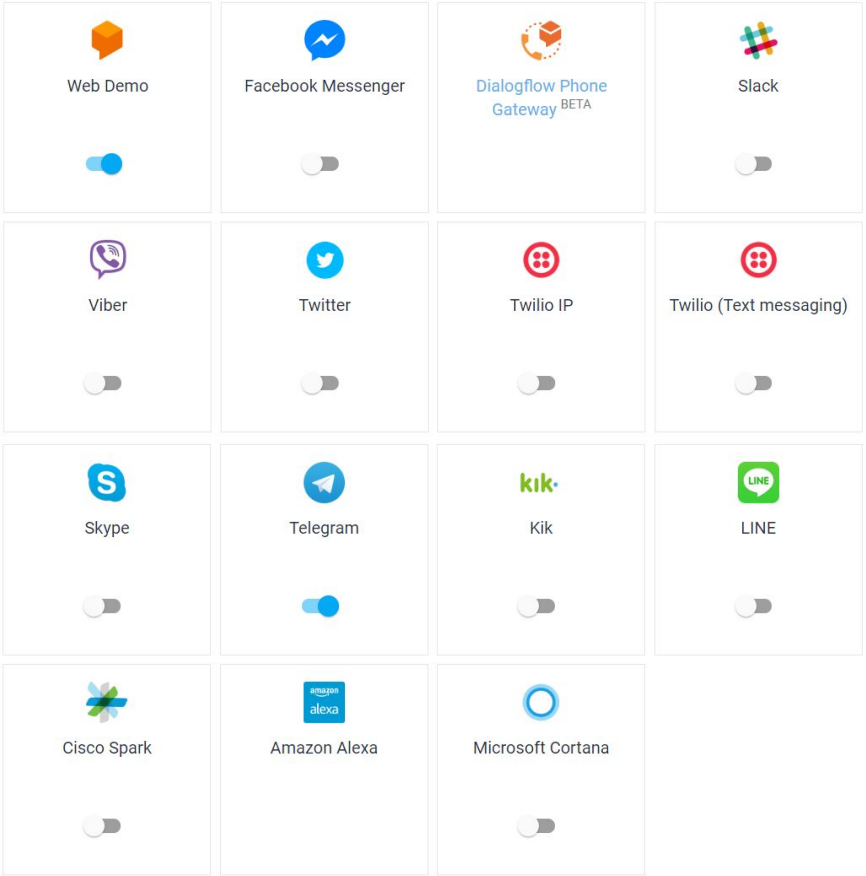
Design VUI without code

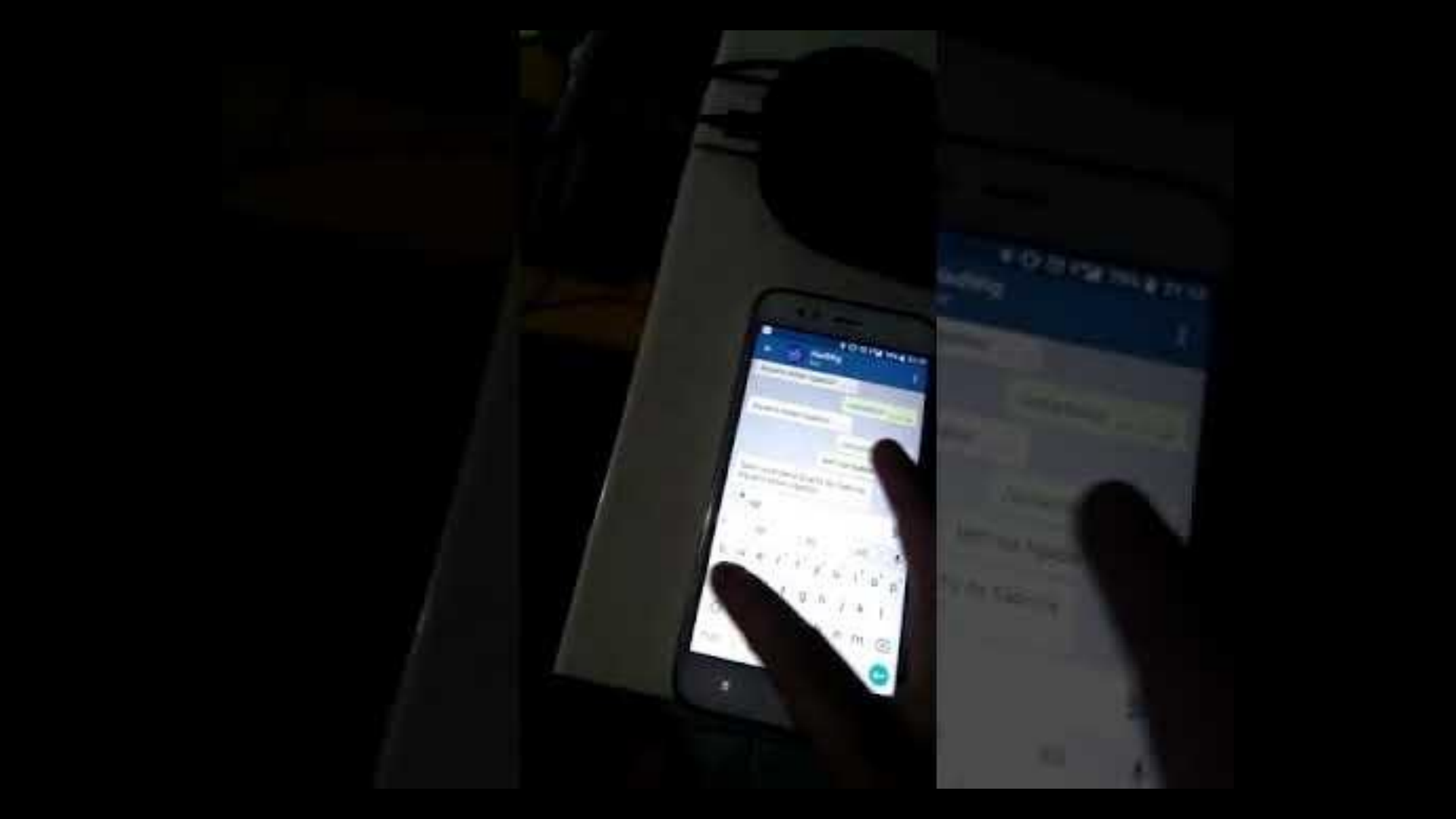




Dialogflow

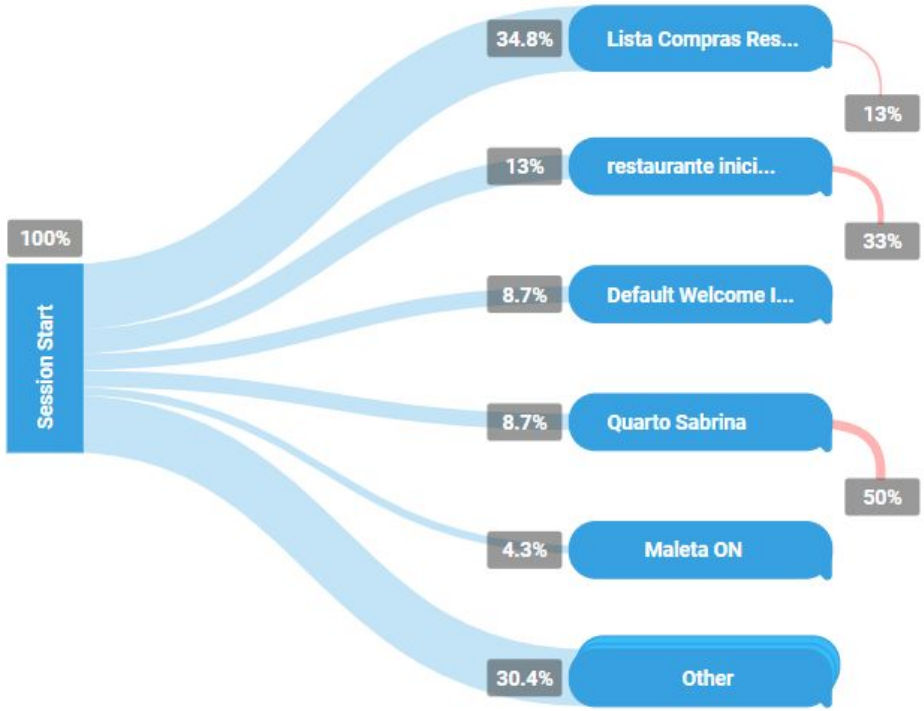
Integrações





Dialogflow

Analytics API



GET /query sample

HTTP cURL

```
GET https://api.dialogflow.com/v1/query?v=20150910&contexts=shop&lang=en&query=apple&session

Headers:
Authorization: Bearer YOUR_CLIENT_ACCESS_TOKEN
```

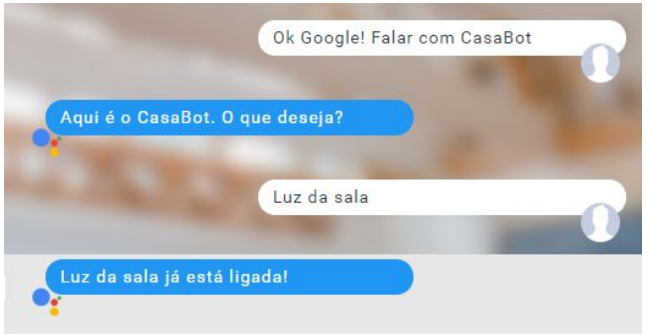
Estado IoT

Ok Google! Falar com CasaBot
Aqui é o CasaBot. O que deseja?
Tem luz ligada em casa?
Sala Lavanderia estao ligados!

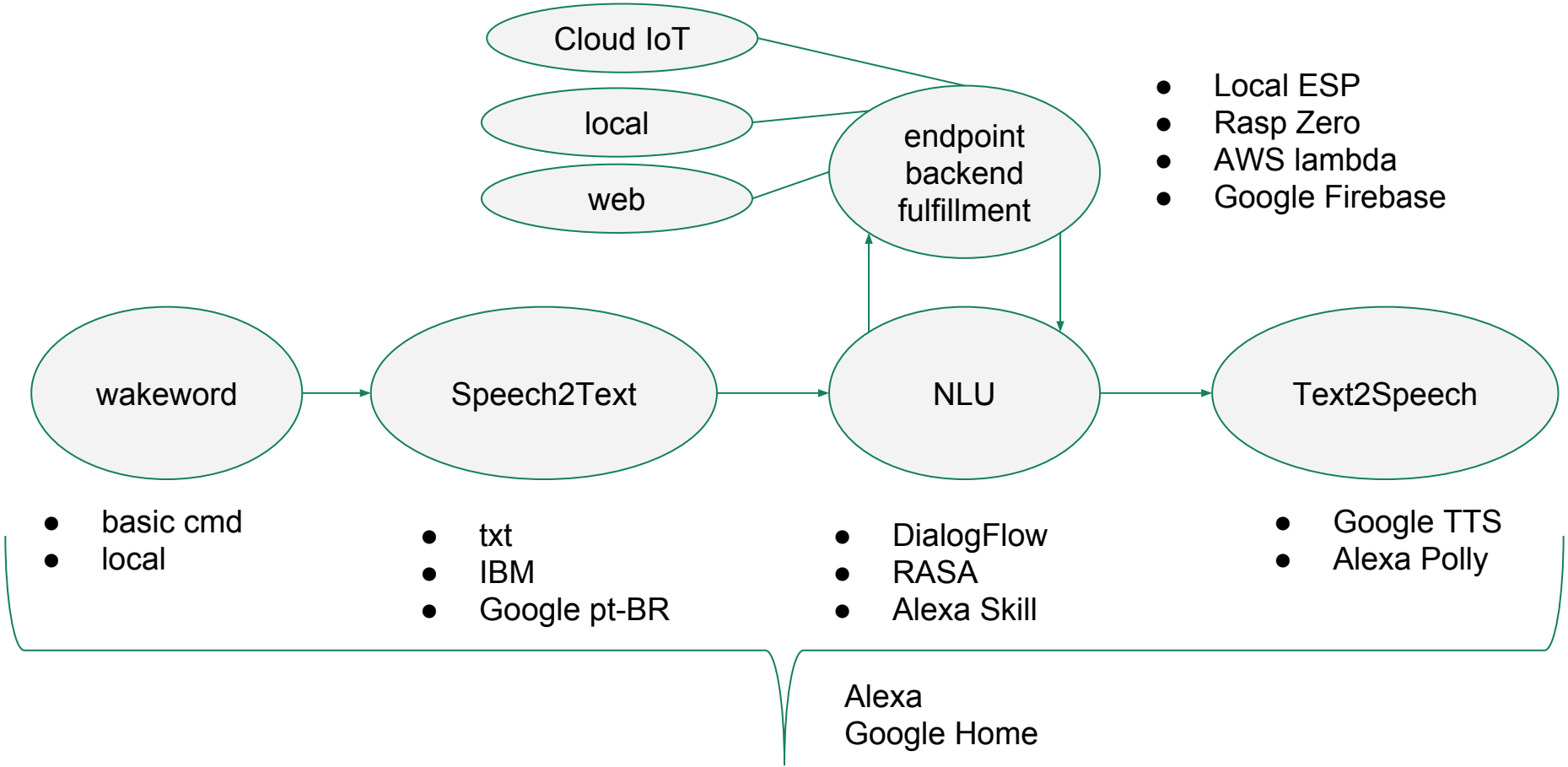
Ok Google! Falar com CasaBot
Aqui é o CasaBot. O que deseja?
Acender
Qual comodo?
Sala
Ok, acendendo luz da sala

Ok Google! Falar com CasaBot
Aqui é o CasaBot. O que deseja?
Luz da sala
Ok, trocando estado da luz da sala

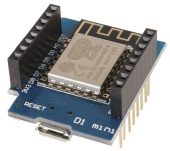
Ok Google! Falar com CasaBot
Aqui é o CasaBot. O que deseja?
Luz da sala
Entendido, acendendo luz da sala


Ok Google! Falar com CasaBot
Aqui é o CasaBot. O que deseja?
Luz da sala
Luz da sala já está ligada!

Infraestrutura Voz



Google
Dialogflow



Som

Speech
to Text

"Ligar quarto"

GET NLU

intent: ligar
entity: quarto

quarto está
desligado

local GET

"Ok,
acendendo luz
do quarto"

quarto
está ligado

RF433

relay

Text to Speech

Som

Som