

AIOLI - AI Open Lab Initiative

Digital Assistants - Alexa

chriamue@gmail.com

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Agenda

Assits overview

Alexa technology background

Assessment

Assits overview

List of some available assistants

- Amazon Alexa



- Google Home
- Apple Siri
- Microsoft Cortana

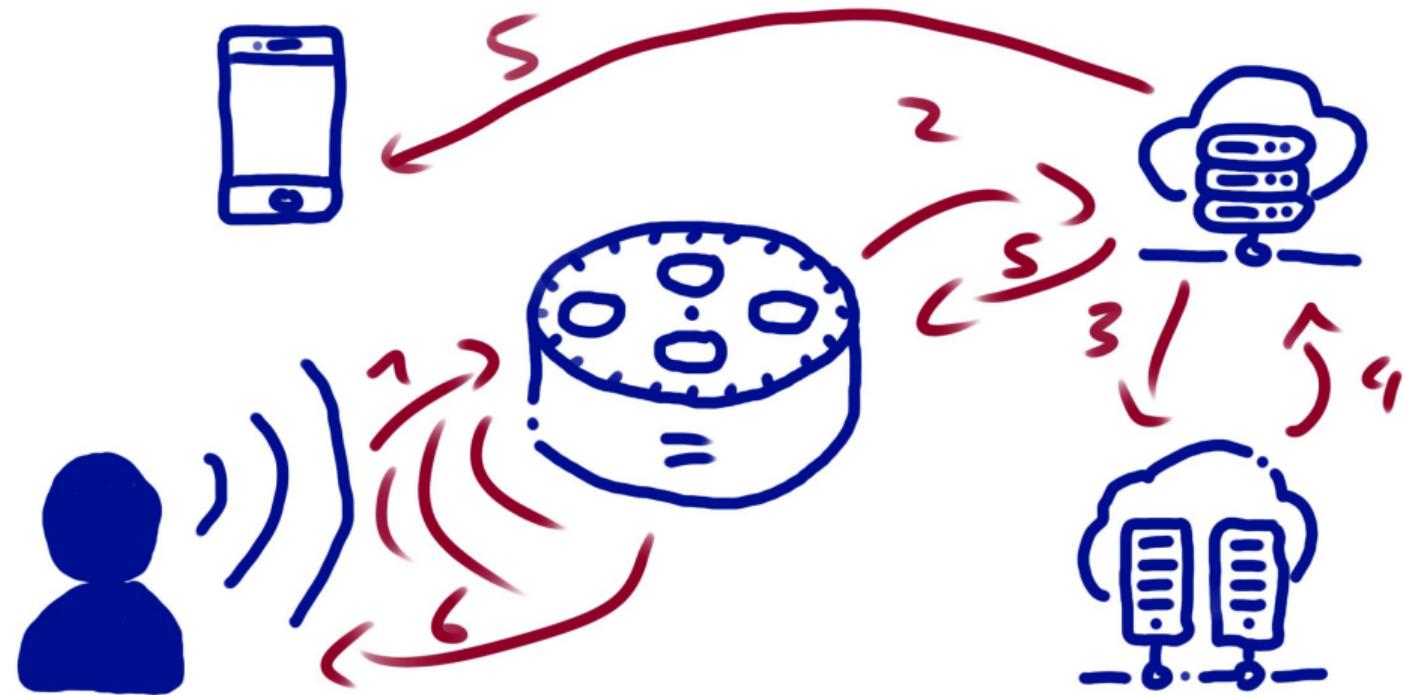


What are they good for?

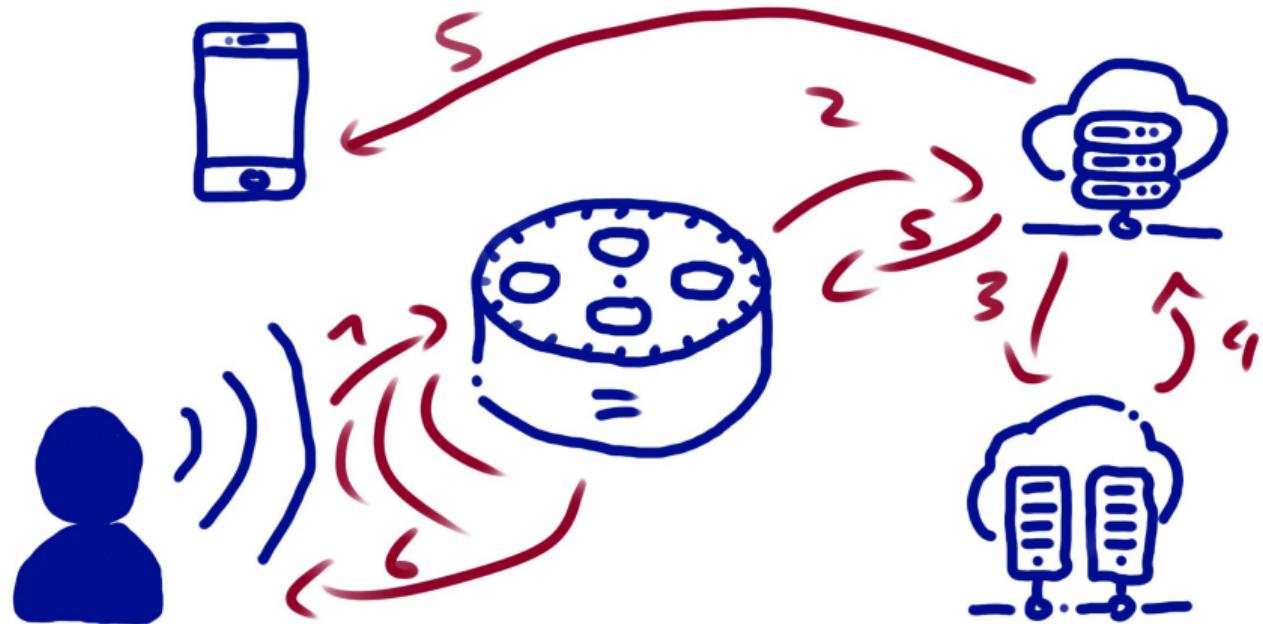
- Check my Calendar
- Play some music
- Give me the news
- Tell me how the weather will be
- Make me a shopping list

Alexa technology background

Technology

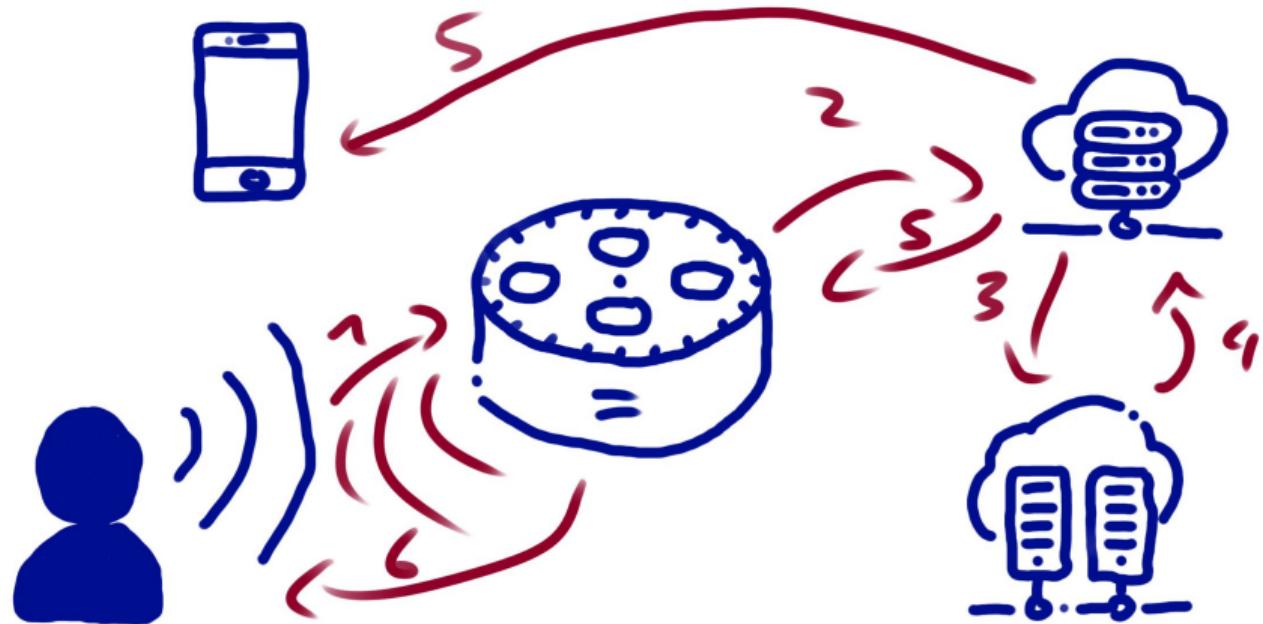


Technology



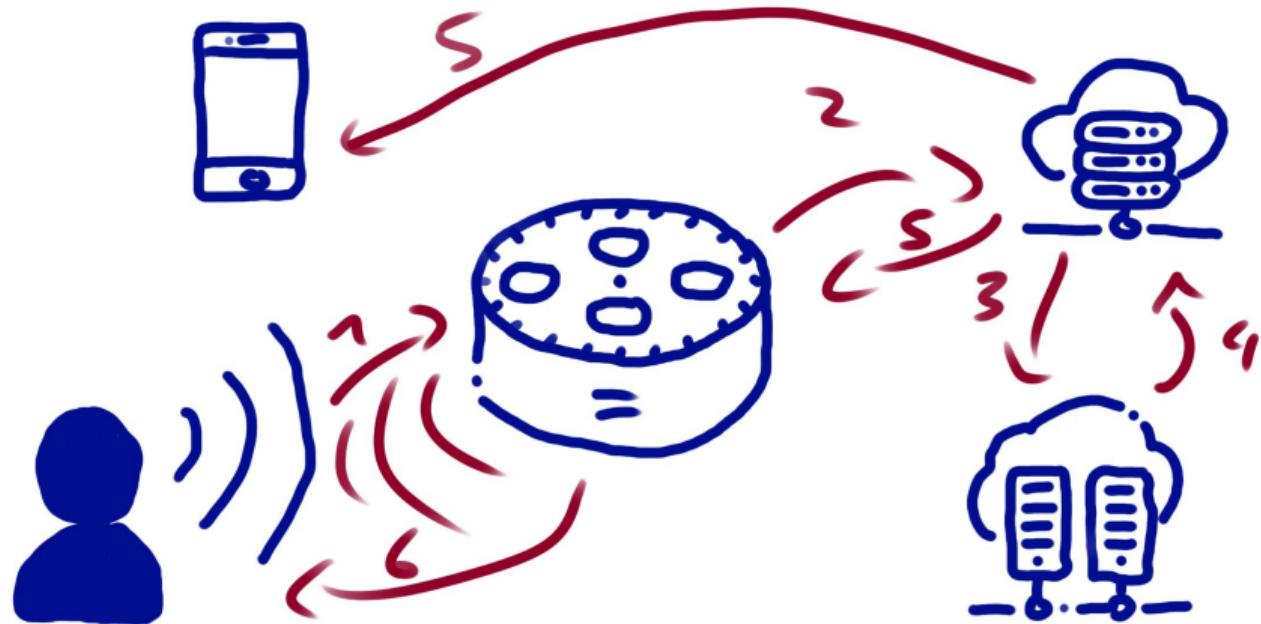
1. Speak to Alexa

Technology



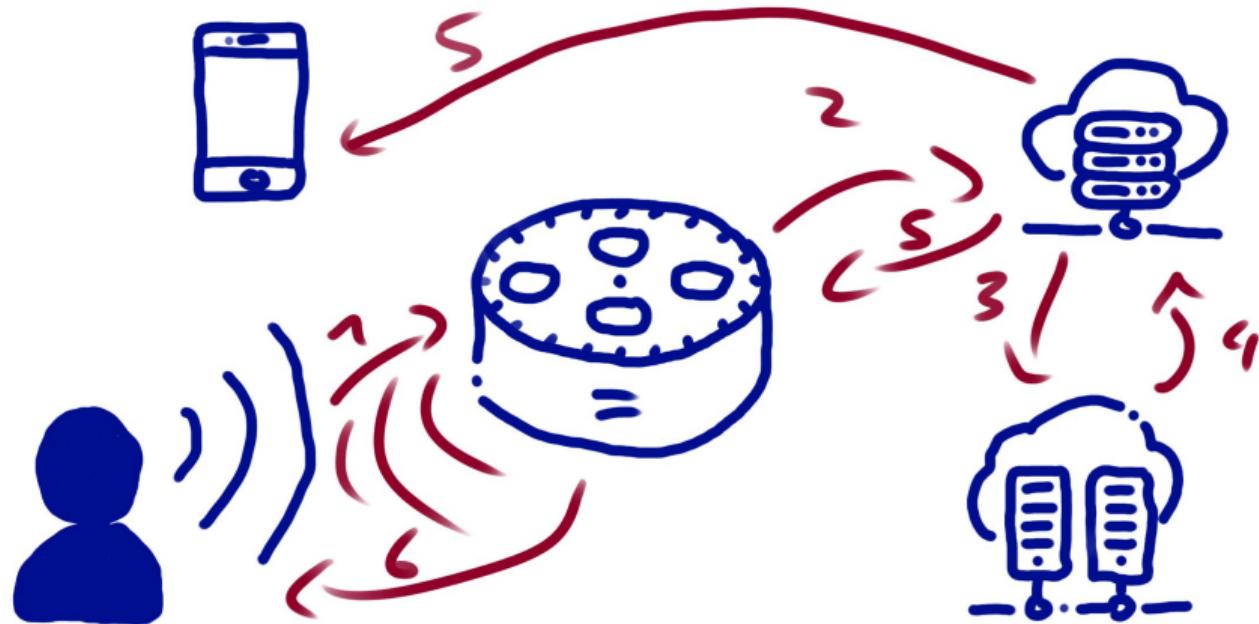
2. Speech Recognition on Amazon server

Technology



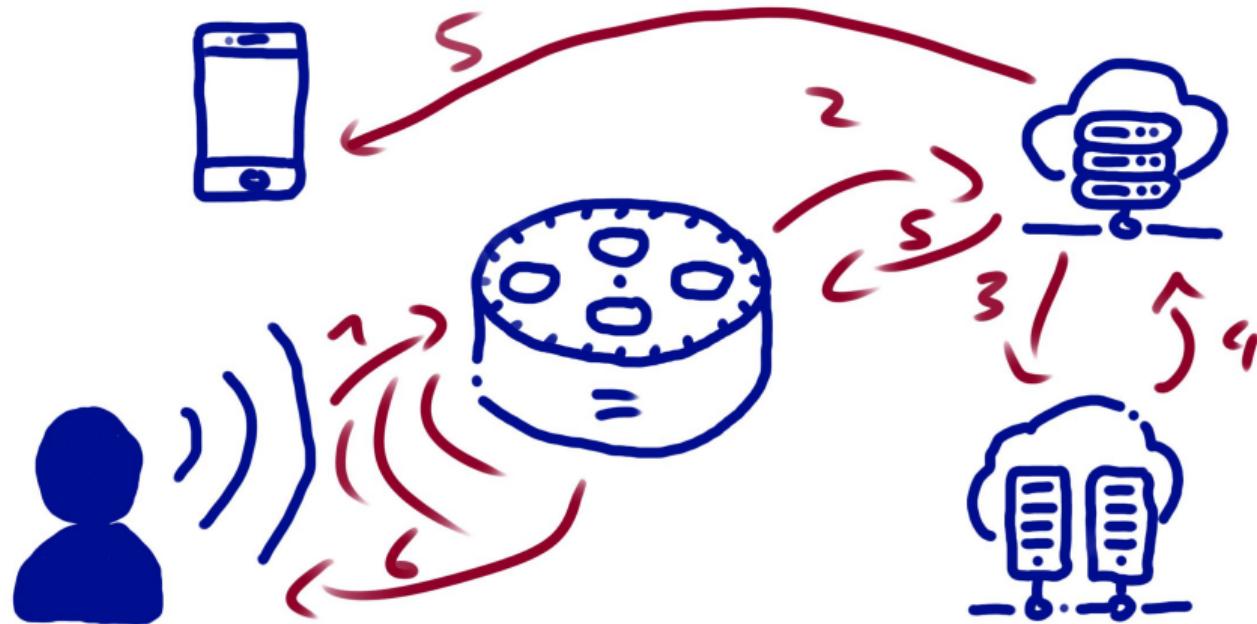
3. Trigger Skill on publisher server

Technology



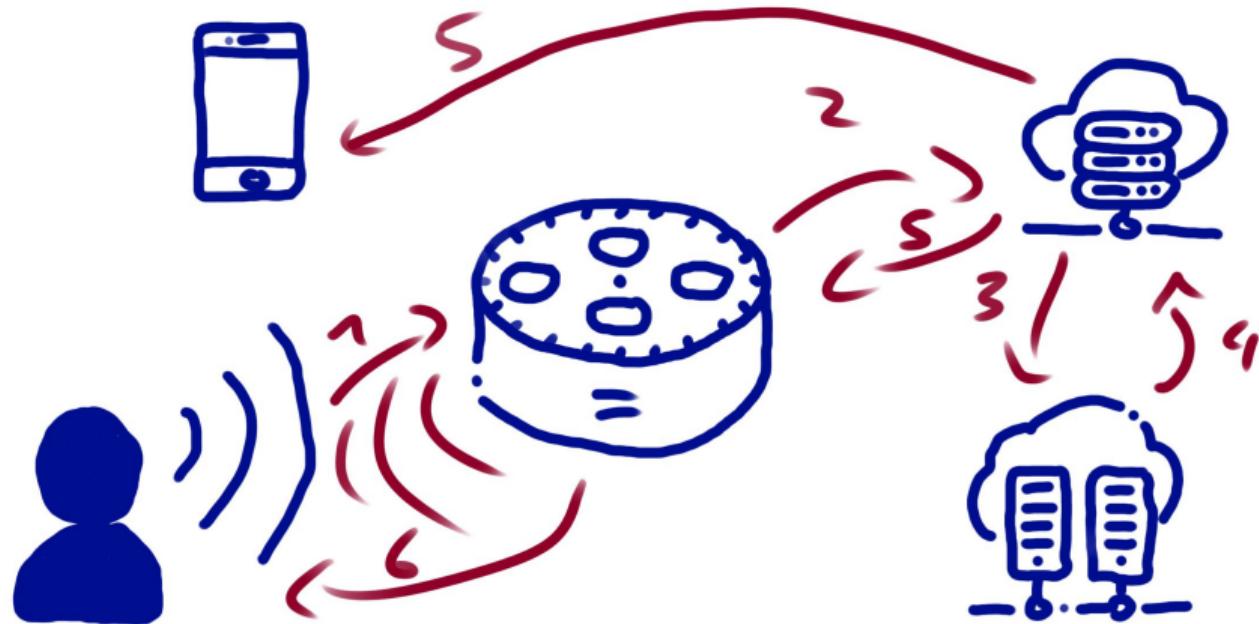
4. Response as Text

Technology



5. Audio Stream to Alexa, Card to Alexa App

Technology



6. Echo plays Audio Stream

Assessment

Assessment and basis for discussions

Try it yourself

Discussion - End

Thanks a lot for your attention!