



## **Alexa-Alfresco integration**

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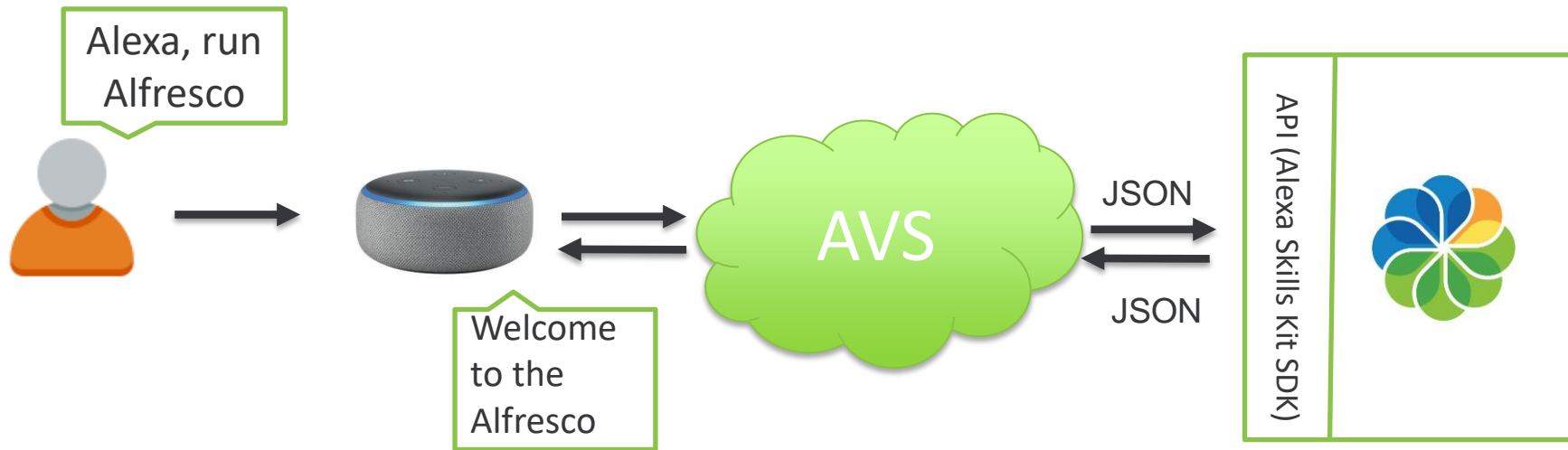
Why?

21% of people in the U.S. 18+  
own a Smart Speaker


Source: <https://www.edisonresearch.com/the-smart-audio-report-from-npr-and-edison-research-spring-2018/>



# How does it work?



# Alexa developer console

 alexa developer console


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English (US) ▾


CUSTOM


Interaction Model


Invocation


Intents (8)  Add


HelloWorldIntent 


UserNameIntent 

MarkAsPaidIntent 

InvoiceType 

 Save Model


 Build Model

 Utterance Profiler


## Invocation

Users say a skill's invocation name to begin an interaction with a particular custom skill.  
For example, if the invocation name is "daily horoscopes", users can say:

User: Alexa, ask daily horoscopes for the horoscope for Gemini

Skill Invocation Name 

alfresco

 DEVCON  
2019

Learn. Connect. Collaborate.

# Components of a skill

alexa developer console

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English (US)   Save Model   Build Model   Utterance Profiler

**CUSTOM**

Interaction Model

**Invocation**

Intents (8)   + Add

- HelloWorldIntent
- UserNameIntent
- MarkAsPaidIntent
- InvoiceType

## Invocation

Users say a skill's invocation name to begin an interaction with a particular custom skill. For example, if the invocation name is "daily horoscopes", users can say:

User: Alexa, ask daily horoscopes for the horoscope for Gemini

Skill Invocation Name ?

alfresco

*Invocation name*

# Components of a skill

Intents / **MarkAsPaidIntent** *Intent*

Sample Utterances (4) ?

 Bulk Edit  Export

|What might a user say to invoke this intent?

+

{Number}



{Confirm}



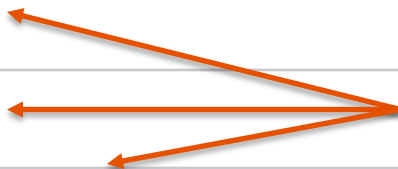
mark the {InvoiceType} invoice as paid



mark the invoice as paid



*Slot*



# Implementation

```
public class TestSkill extends AlfrescoVoiceSkill implements AlfrescoVoiceSessionIntent {  
  
    private NodeService nodeService;  
  
    public void setNodeService(NodeService nodeService) {  
        this.nodeService = nodeService;  
    }  
  
    @Override  
    public SessionResponse getResponse(Map<String, Object> attributes, Map<String, String> slots) {  
        // ...  
        return null;  
    }  
  
    @Override  
    protected void registerIntents() {  
        this.registerSessionIntent("TestIntent", this);  
    }  
}
```

*Session attributes* →

*Intent* ↓

*Slots* ↓

# Demo

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**GitHub:**

**<https://github.com/p0n3/alex-alfresco>**

**Thank you!**