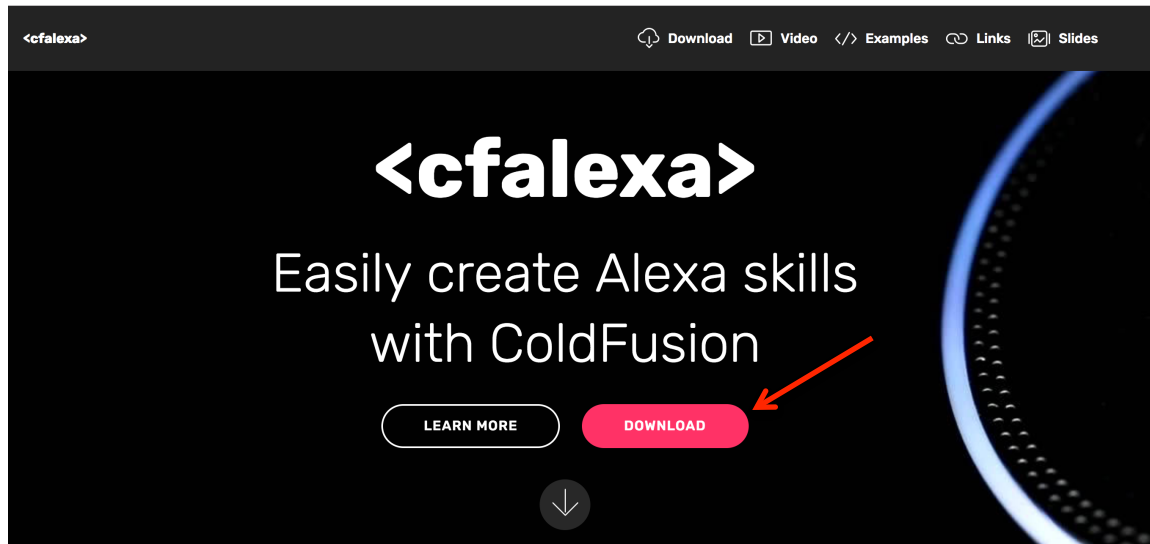
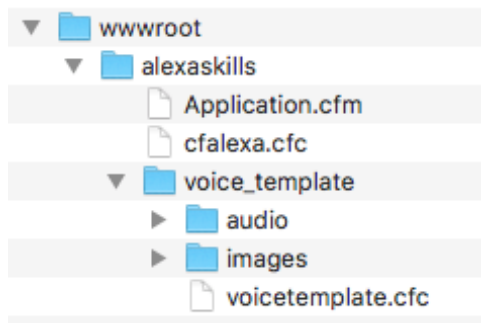


Getting Started with <cfalexa>

Go to www.cfalexa.com and download cfalexa.



Unzip the code into the root folder of your ColdFusion web site.



Log in to the developer console at <https://developer.amazon.com/alexa/console/ask>. If you have purchased any Alexa devices through Amazon, make sure to log in using the same ID you used when you purchased your device.

Click on the “Create Skill” button.

Secure https://developer.amazon.com/alexa/console/ask?

amazon alexa Your Alexa Consoles MC ? Feedback forum

Welcome to new Alexa Skills Kit Developer Console Beta

You can switch back to the old console at any time. Please note that the new console will be generally available on March 27th, and the old console will no longer be accessible. All unsupported features will become available in the new console. Curious about what's new? Watch the video overview or read about what's changed. Make sure to check for unsupported features. You can also watch short walk-through videos of our revised console pages for: Build, Test, Launch, and Measure.

Switch to old console

Alexa Skills

Create Skill

	SKILL NAME	LANGUAGE	TYPE	MODIFIED	STATUS	ACTIONS
?	supplycenterdashboard <small>amzn1.ask.skill.6e9d45da-81a7-4876-b88f-48...</small>	English (US)	Custom	2018-03-23	In Development	Measure Edit Delete
?	voicetemplate <small>amzn1.ask.skill.230cab64-f836-4f6b-8542-c0...</small>	English (US)	Custom	2018-03-23	In Development	Measure Edit Delete
?	magicmike <small>amzn1.ask.skill.4463102a-df36-4760-9608-ad...</small>	English (US)	Custom	2018-03-20	In Development	Measure Edit Delete
?	fact	English (UK), English	Custom	2018-03-23	In Development	Measure Edit Delete

Enter “voicetemplate” for skill name. Make sure the “custom” card is selected. Click the “Create Skill” button.

alexa developer console Feedback forum

Create a new skill

Cancel Create skill

Skill name

voicetemplate

Skill name must have at least 2 characters. 13/50 characters

Default language

English (US)

More languages can be added to your skill after creation

Choose a model to add to your skill

There are many ways to start building a skill. You can design your own custom model or start with a pre-built model. Pre-built models are interaction models that contain a package of intents and utterances that you can add to your skill.

Custom

Design a unique experience for your users. A custom model enables you to create all of your skill's interactions.

SELECTED

Flash Briefing

Give users control of their news feed. This pre-built model lets users control what updates they listen to.

"Alexa, what's in the news?"

Smart Home

Give users control of their smart home devices. This pre-built model lets users turn off the lights and other devices without getting up.

"Alexa, turn on the kitchen lights"

Video

Let users find and consume video content. This pre-built model supports content searches and content suggestions.

"Alexa, play Interstellar"

English © 2010 - 2018, Amazon.com, Inc. or its affiliates. All Rights Reserved. Terms Docs Forums Blog Alexa Developer Home

Select the “Start from scratch” card and click the “Choose” button.

Choose a template

Choose

Select a quick start template to get started with a predefined skill or simply "Start from scratch"

Start from scratch

Design a unique experience for your users and define your custom model from scratch.

Fact Skill

Provided a list of interesting facts about a topic, Alexa will select a fact at random and tell it to the user when the skill is invoked. Includes 1 custom intent, and 4 built-in intents.

Quiz Game Skill

Provided a list of interesting facts about a topic, Alexa will quiz a user with facts from the list. Includes 1 custom intent with 1 slot, and 6 built-in intents.

High-Low Game Skill

Try to guess the target number. Alexa tells the player if the target number is higher or lower than their current guess. Includes 2 custom intents with 5 slots, and 5 built-in intents.

Click "Invocation."

Alexa Skills Kit Developer Console: Build

How to get started

Alexa Skills Kit Developer Console: Build

amazon alexa Developer Console: Build

Resources

[Documentation](#)

Refer to our technical documents for detailed guides on building custom skills.

[Sample Alexa Projects](#)

Whatever your experience, you can get started quickly using one of our Alexa projects on GitHub.

[Weekly Office Hours](#)

Drop in with your questions and thoughts. We're here to help you.

[Alexa Developer Forums](#)

Visit our forums to get inspired, join our Alexa developer community.

Skill builder checklist

Complete these steps to be able to test your skill using the simulator in the test tab, or with your echo device.

- 1. Invocation Name >**
Enter an invocation name for your skill
- 2. Intents, Samples, and Slots >**
Add at least one intent and one sample utterance
- 3. Build Model >**
Successfully build your interaction model
- 4. Endpoint >**
Set a web service endpoint to handle skill requests

Interaction Model

Invocation

Intents (5)

exampleIntent

Built-In Intents (4)

AMAZON.CancelIntent

AMAZON.HelpIntent

AMAZON.StopIntent

AMAZON.FallbackIntent

Slot Types (0)

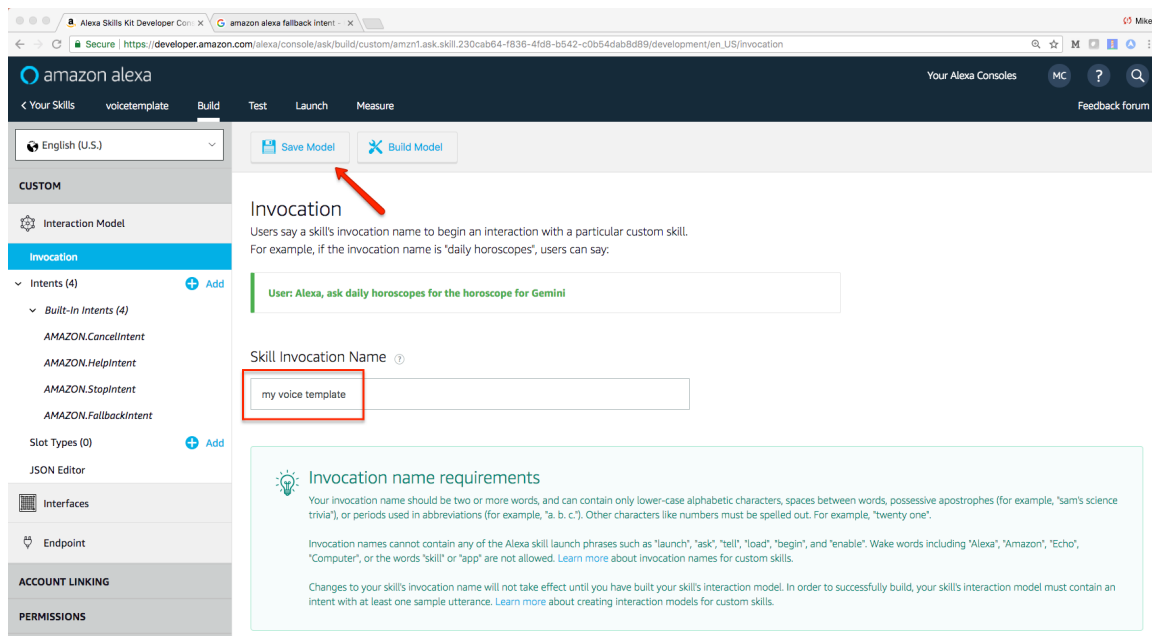
JSON Editor

Interfaces

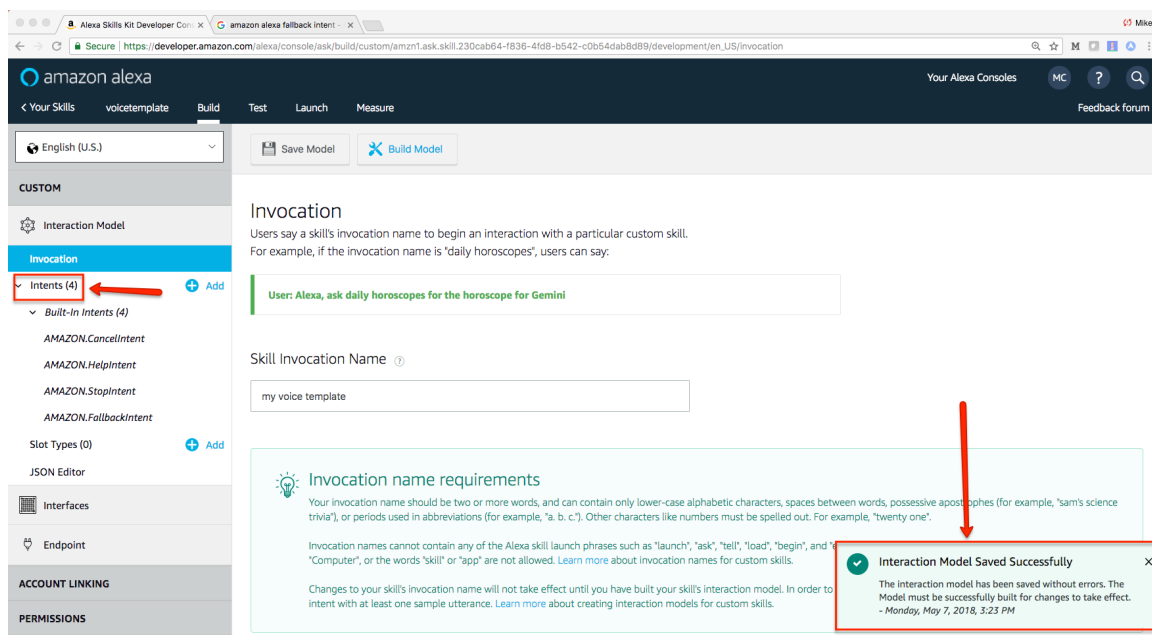
Endpoint

ACCOUNT LINKING

Enter "my voice template" for the Skill Invocation name and then click the Save Model button.



A message box will appear when your model is saved successfully. Next, click “Intents” in the left navigation.



Some default intents will automatically be included. We want to add three more. One custom intent and two from Alexa’s built in library. To add intents from Alexa’s library, click the radio button to “Use an existing intent from Alexa’s built-in-library”. Search for the name of the intent. Then click the “Add Intent” button next to the proper intent. The two intents you want to add from Alexa’s library are: AMAZON.RepeatIntent and AMAZON.StartOverIntent.

Add Intent

An intent represents an action that fulfills a user's spoken request. [Learn more](#) about intents.

☐ Create custom intent [?]

Enter name for intent

Create custom intent

☒ Use an existing intent from Alexa's built-in library [?]

[Learn more](#) about using built-in intents.

AMAZON.RepeatIntent



Name

Description



AMAZON.RepeatIntent

1/145 built-ins

+ Add Intent

After adding both of the built-in intents, next you can add a custom intent called “exampleintent”. Select the radio button for “Create custom intent”, enter “exampleintent” in the text box and click the “Creat custom intent” button.

amazon alexa

English (U.S.)

Save Model Build Model

ADD INTENT

An intent represents an action that fulfills a user's spoken request. [Learn more](#) about intents.

☒ Create custom intent [?]

exampleintent

Create custom intent

☐ Use an existing intent from Alexa's built-in library [?]

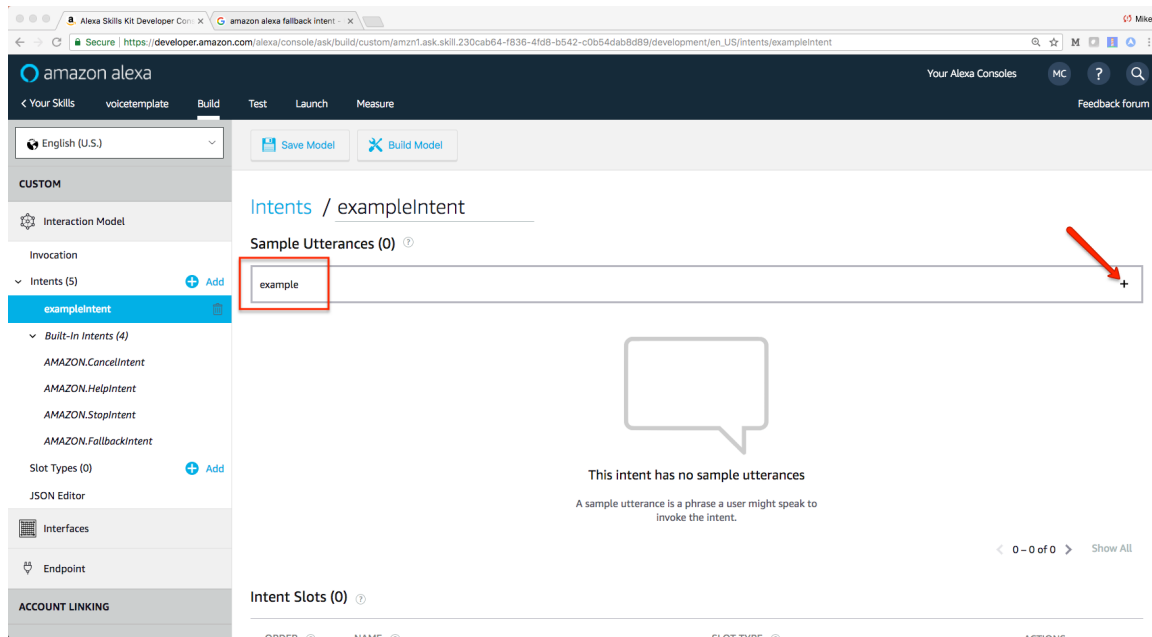
[Learn more](#) about using built-in intents.

Search built-ins

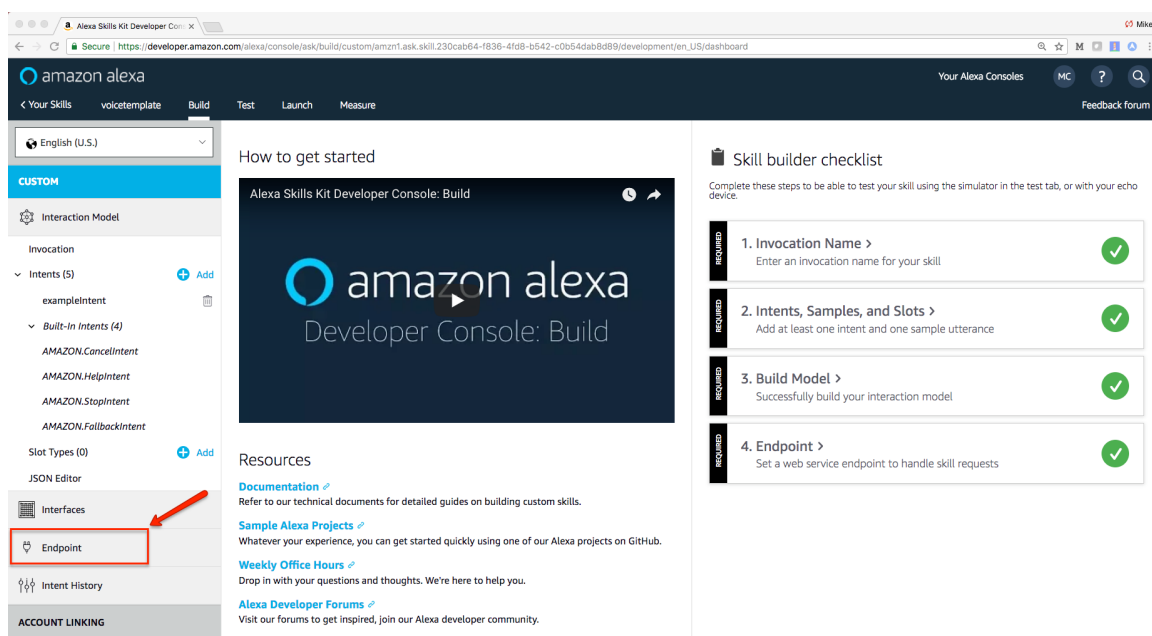
145/145 built-ins

Name	Description
Books 16 built-ins	Intents asking about books and other written works, such as rating books, adding books to reading lists, or navigating through audio books.
Calendar 2 built-ins	Intents for asking about calendars and schedules, such as asking about upcoming events, adding events to a calendar, and looking up events such as birthdays.
Cinema Showtimes 4 built-ins	Intents for asking about show times and events at movie theaters.

Next you will enter an utterance. In the text box enter “example” and then click the plus sign.



The last part is to define your endpoint. Click “Endpoint” in the left navigation.



Select the “HTTPS” radio button. Enter:
https://your_web_address/alexaskills/voice_template/voicetemplate.cfc?method=start
in the url text box.

Service Endpoint Type

Select how you will host your skill's service endpoint.

☐ AWS Lambda ARN [?]
(Recommended)

☒ HTTPS [?]

Default Region [?]
(Required)

Enter URI...

Select SSL certificate type

North America [?]
(Optional)

Enter URI...

Select SSL certificate type

Click the dropdown for “Select SSL certificate type” and pick the one that matches your setup. The second option often works just fine.

Select SSL certificate type

My development endpoint has a certificate from a trusted certificate authority

My development endpoint is a sub-domain of a domain that has a wildcard certificate from a certificate authority

I will upload a self-signed certificate in X 509 format

Click the “Save Endpoints” button.

 Save Endpoints

Endpoint



The Endpoint will receive POST requests when a user interacts with your Alexa Skill. The request body contains parameters that your service can use to perform logic and generate a JSON-formatted response. Learn more about AWS Lambda endpoints [here](#). You can host your own HTTPS web service endpoint as long as the service meets the requirements described [here](#).

Service Endpoint Type

Select how you will host your skill's service endpoint.

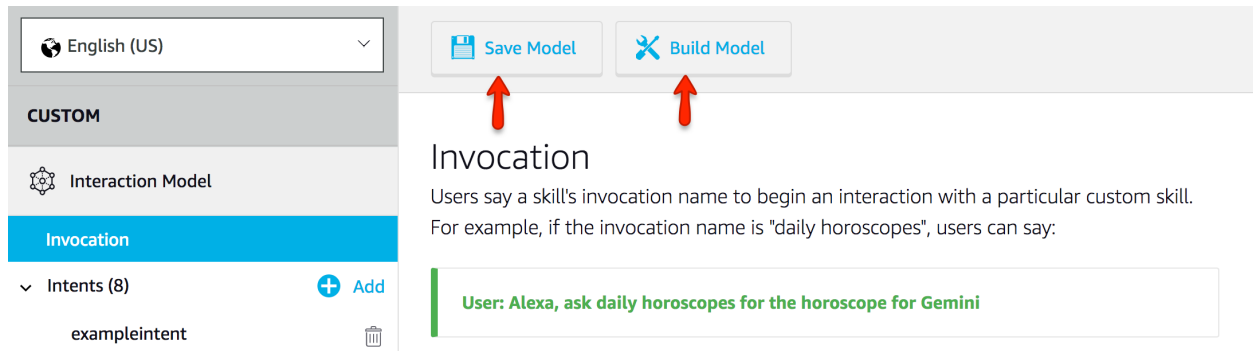
☐ AWS Lambda ARN 
(Recommended)


☒ HTTPS 

Default Region 


Enter URI...

Finally, you want to build your model. Click on the “Invocation” link in the left hand navigation. Then click the “Save Model” button. Once the save is complete, click the “Build Model” button.





English (US) 



CUSTOM

 Interaction Model

Invocation

Intents (8)  Add

exampleintent 

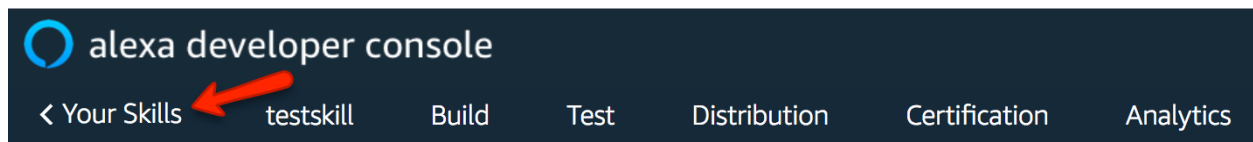
 Save Model  Build Model


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

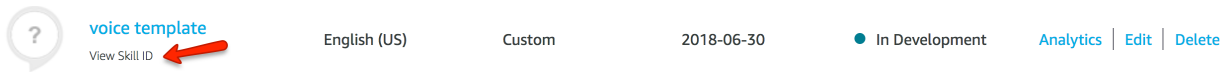
Your voicetemplate skill is now defined and saved on Amazon. Before testing, you need to retrieve your skill ID and copy it to your voicetemplate.cfc code. Click the “Your Skills” link in the top navigation.



 alexa developer console

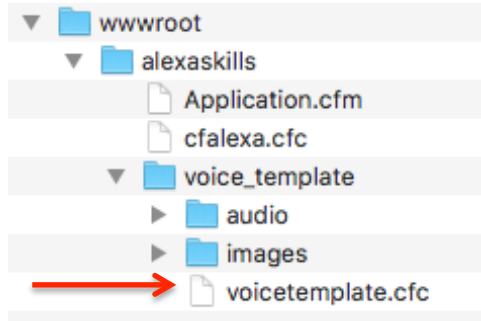
< Your Skills  testskill Build Test Distribution Certification Analytics

Locate your voicetemplate skill and click on “View Skill ID”.



Copy the ID that appears in the popup box.

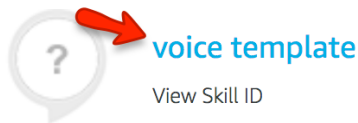
Now open your voicetemplate.cfc code.



Find the following code and paste in your skill ID. Save your file.

```
<!-- replace the value of skillID with the applicationID of YOUR skill  
from the developers portal -->  
<cfset this.skillID = "{put your skill ID here}">
```

Go back to the developer dashboard. Click on your voicetemplate skill name.



Click the “Test” menu item on the top navigation. Then enable the skill for testing (top left). In the input box type a launch word followed by your invocation name. Example: “open my voice template”. Alexa will send your request to the Amazon cloud where your request will be routed to your endpoint and your voicetemplate.cfc will return a welcome response.

alex developer console

< Your Skills voice template Build Test Distribution Certification Analytics Feedback forum

☒ Test is enabled for this skill

☒ Skill I/O ☒ Echo Show Display ☒ Echo Spot Display ☐ Device Log

Alexa Simulator Manual JSON Voice & Tone

English (US) open my voice template

open my voice template

Welcome to the alexa skill template for ColdFusion. This template has only one intent. Say, example, to activate the intent.

Skill I/O

JSON Input

```
1 {
2   "version": "1.0",
3   "session": {
4     "new": true,
5     "sessionId": "amzn1.echo-api.session.72",
6     "application": {
7       "applicationId": "amzn1.ask.skill.e",
8     },
9     "user": {
10      "userId": "amzn1.ask.account.AH45UH",
11    },
12  },
13  "context": {
14    "System": {
15      "application": {
16        "applicationId": "amzn1.ask.ski",
17      }
18    }
19  }
20 }
```

JSON Output

```
1 {
2   "body": {
3     "version": "1.0",
4     "response": {
5       "outputSpeech": {
6         "type": "SSML",
7         "ssml": "<speak>Welcome to the",
8       },
9       "card": {
10        "type": "Standard",
11        "title": "Title for the card goes",
12        "text": "Text for the card goes",
13        "image": {
14          "smallImageUrl": "https://l",
15          "largeImageUrl": "https://l",
16        }
17      }
18    }
19  }
20 }
```

Your voice template is now up and running. Use it as a building block for your own custom skills. If you want some ideas to get you started, go to <https://www.cfalexa.com/index.cfm#features3-16> to download some code examples.

Good luck and have fun!