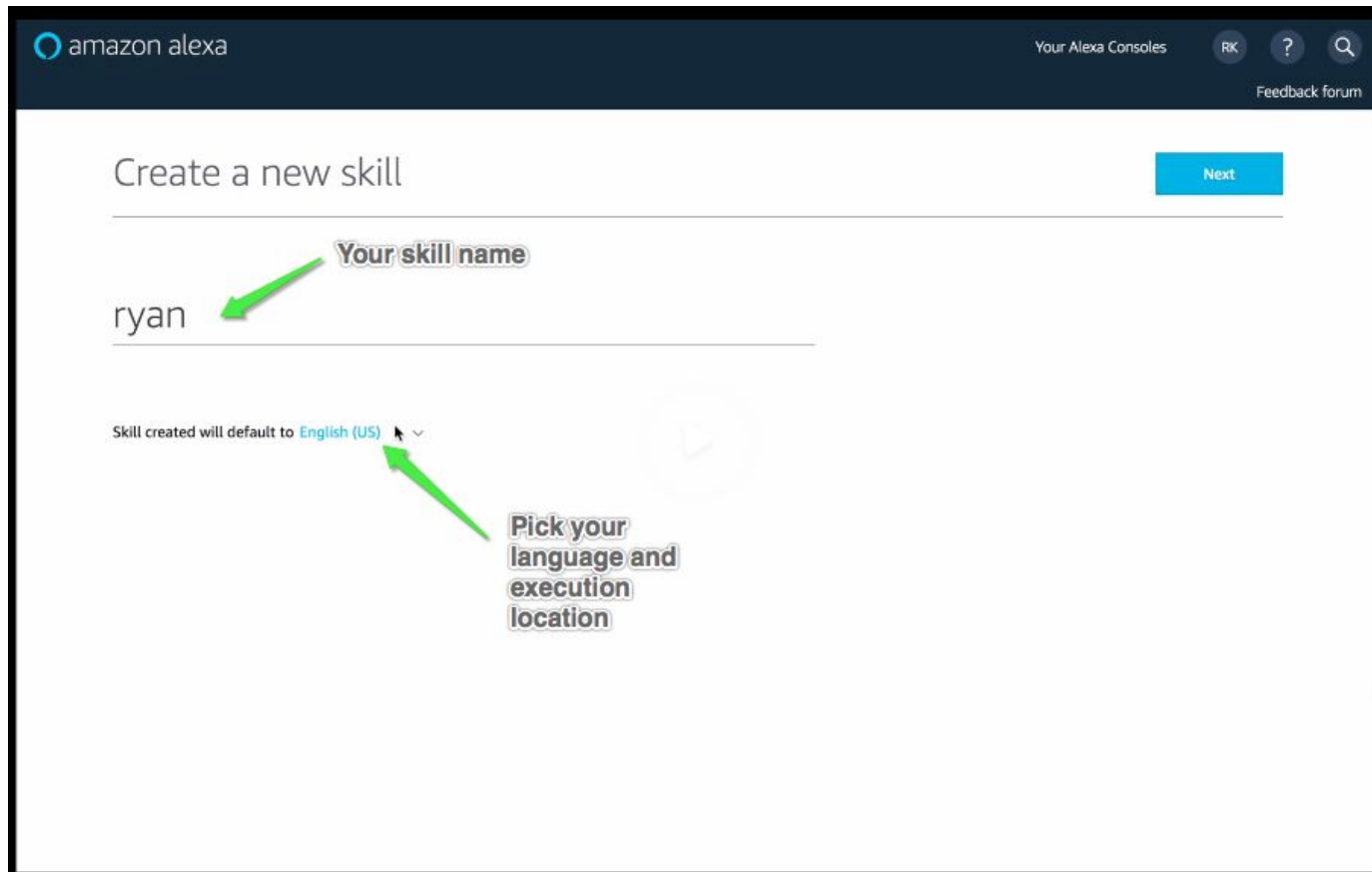


Alexa Skills New UI cheat sheet - May 2018

*We are working on updating all our Alexa courses,
however in the meantime please refer to this cheat sheet to help you navigate the new UI*

Start with the Skill Name, and the Location / Language that you are planning to use.



The screenshot shows the 'Create a new skill' page in the Amazon Alexa console. The header includes the 'amazon alexa' logo, 'Your Alexa Consoles', and user controls (RK, ?, and a search icon). A 'Feedback forum' link is also present. The main heading is 'Create a new skill' with a 'Next' button. Below this is a text input field containing 'ryan', with a green arrow pointing to it and the label 'Your skill name'. Underneath the input field, it says 'Skill created will default to English (US)' with a dropdown arrow. A green arrow points to this dropdown with the label 'Pick your language and execution location'.

For most of our labs choose 'Custom'

The screenshot shows the 'Choose a model to add to your skill' page in the Amazon Alexa Developer Console. The page has a dark blue header with the 'amazon alexa' logo on the left and 'Your Alexa Consoles' with a user icon and search icon on the right. A 'Create skill' button is in the top right corner. Below the header, the title 'Choose a model to add to your skill' is followed by a brief explanation: '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.' Below this, four model options are displayed in cards. The 'Custom' card is highlighted with a green border. It features a microphone icon, the title 'Custom', a description 'Design a unique experience for your users. A custom model enables you to create all of your skills interactions.', and a blue 'Select' button. The other three cards are 'Flash Briefing', 'Smart Home', and 'Video', each with a 'View example phrases' link and a 'Select' button. The footer contains a language selector set to 'English', copyright information '© 2010-2018, Amazon.com, Inc. or its affiliates. All Rights Reserved.', and links to 'Terms', 'Alexa Developer Blog', and 'Alexa Skills Kit'.


amazon alexa Your Alexa Consoles RK ?

Choose a model to add to your skill

Create 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.

PRE-BUILT MODEL




Custom

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

Select

PRE-BUILT MODEL




Flash Briefing

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

[View example phrases](#)

Select

PRE-BUILT MODEL




Smart Home

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

[View example phrases](#)

Select

PRE-BUILT MODEL



Video

Lets users easily find and consume video content. This pre-built model

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The key to the new UI is to base your activity around this “Custom Build” screen.

Work through the checklist on the Right

Return to this screen by using the “Build” tab at the top.

amazon alexa

Your Alexa Consoles

ryan Build Test Launch Measure

Feedback forum

English (U.S.)

CUSTOM

Interaction Model

Invocation

Intents (3)

Built-In Intents (3)

AMAZON.CancelIntent

AMAZON.HelpIntent

AMAZON.StopIntent

Slot Types (0)

JSON Editor

Interfaces

Endpoint

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PERMISSIONS

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amazon alexa

Developer Console: Build

4:00

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Documentation

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Sample Alexa Projects

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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.

REQUIRED

1. Invocation Name >

Enter an invocation name for your skill

REQUIRED

2. Intents, Samples, and Slots >

Add at least one intent and one sample utterance

REQUIRED

3. Build Model >

Successfully build your interaction model

REQUIRED

4. Endpoint >

Set a web service endpoint to handle skill requests

developer.amazon.com/alexa/console/ask/build/custom/.../dashboard

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Enter your invocation name (lower case)

Save the Model

Return to the main screen by using the “Build” tab at the top.

The screenshot displays the Amazon Alexa Developer Console interface. At the top, the 'Build' tab is selected in the navigation bar, indicated by a green arrow. Below the navigation bar, the 'Save Model' button is highlighted with a green arrow. The left sidebar shows the 'Invocation' section under 'CUSTOM' settings. The main content area is titled 'Invocation' and explains that users say a skill's invocation name to begin an interaction. It provides an example: 'User: Alexa, ask daily horoscopes for the horoscope for Gemini'. Below this, the 'Skill Invocation Name' field is shown with the value 'ryan'. A light blue box contains 'Invocation name requirements', stating that the name should be two or more words, using only lower-case alphabetic characters, spaces, possessive apostrophes, or periods. It also lists prohibited launch phrases and wake words. The bottom of the box mentions that changes to the invocation name will only take effect after building the skill's interaction model.

Open the 2nd Checklist item in the Custom build under the Build tab

The screenshot displays the Amazon Alexa Skills Kit Developer Console interface. The top navigation bar includes 'Your Skills', 'ryan', 'Build', 'Test', 'Launch', and 'Measure'. The 'Build' tab is selected. On the left sidebar, the 'CUSTOM' section is highlighted with a green arrow. Below it, the 'Interaction Model' section is expanded, showing 'Intents (3)' with a green arrow pointing to the 'Add' button. The main content area is titled 'How to get started' and features a video player for 'Alexa Skills Kit Developer Console: Build'. To the right, the 'Skill builder checklist' is displayed, listing four required steps: 1. Invocation Name (checked), 2. Intents, Samples, and Slots (checked), 3. Build Model (checked), and 4. Endpoint (checked). A green arrow points to the second item, 'Intents, Samples, and Slots'.

amazon alexa

Your Alexa Consoles RK ?

< Your Skills ryan Build Test Launch Measure Feedback forum

English (U.S.)

CUSTOM

Interaction Model

Invocation

Intents (3) + Add

Built-In Intents (3)

AMAZON.CancelIntent

AMAZON.HelpIntent

AMAZON.StopIntent

Slot Types (0) + Add

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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.

REQUIRED 1. Invocation Name > Enter an invocation name for your skill ✓

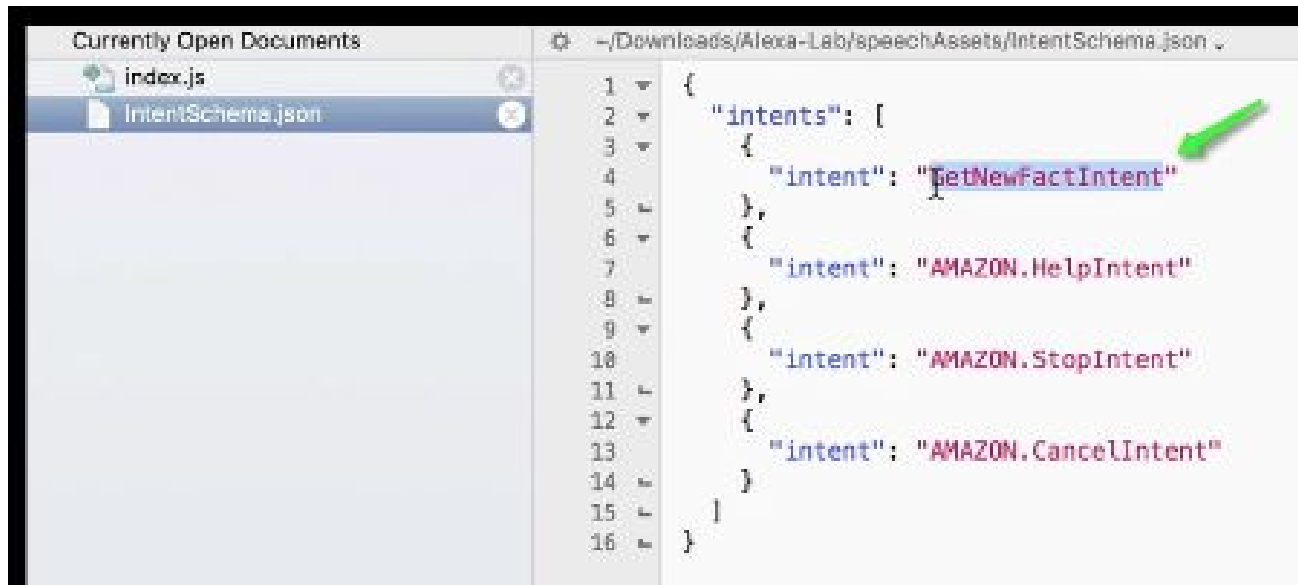
REQUIRED 2. Intents, Samples, and Slots > Add at least one intent and one sample utterance ✓

REQUIRED 3. Build Model > Successfully build your interaction model ✓

REQUIRED 4. Endpoint > Set a web service endpoint to handle skill requests ✓

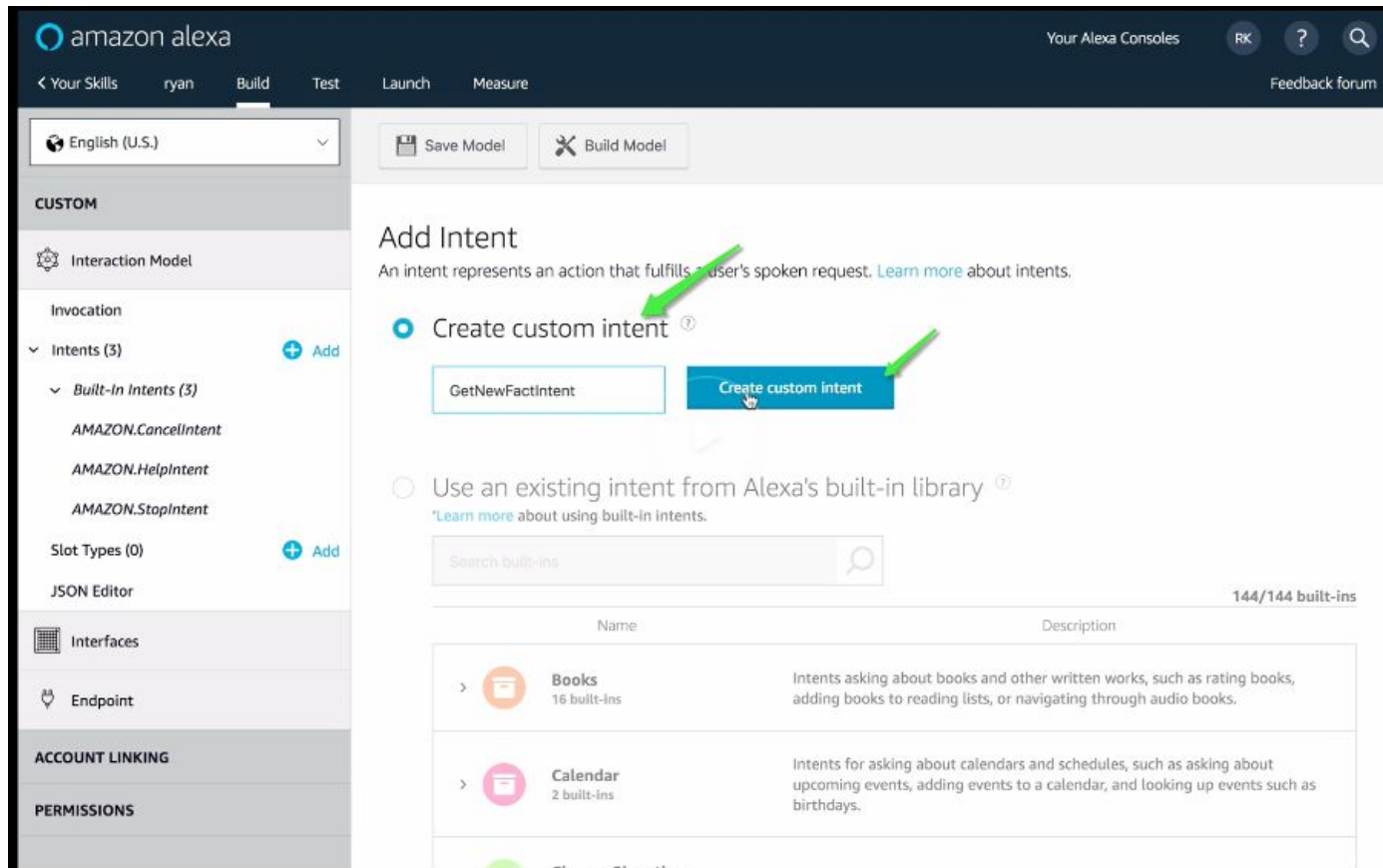
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In the past you Cut and Paste the JSON into an edit panel, now you create each Intent individually via the UI. You only need to create the custom Intents. Copy the Intent name.
(Don't change the Intent name until you have more experience and can debug any subsequent issues.)



```
1 {  
2   "intents": [  
3     {  
4       "intent": "GetNewFactIntent"  
5     },  
6     {  
7       "intent": "AMAZON.HelpIntent"  
8     },  
9     {  
10      "intent": "AMAZON.StopIntent"  
11    },  
12    {  
13      "intent": "AMAZON.CancelIntent"  
14    }  
15  ]  
16 }
```

Add the Intent name in the Custom Intent box
Create Custom Intent.
This will open the next screen (below)



As before, in the past we could Cut & Paste the list of utterances into an edit panel. Now you add the utterances one at a time into the UI. We are not entering Slots this time.

Save the Model.

Return to the Build Tab

The screenshot shows the Amazon Alexa console interface for building a custom skill. The top navigation bar includes 'Your Skills', 'ryan', 'Build', 'Test', 'Launch', and 'Measure'. The 'Build' tab is active. On the left sidebar, under 'CUSTOM', the 'Intents (4)' section is expanded, showing 'GetNewFactIntent' selected. The main content area displays 'Intents / GetNewFactIntent'. Under 'Sample Utterances (3)', there is a list of utterances: 'tell me something', 'help me study', 'give me a fact', and 'tell me a fact'. A green arrow points to the 'tell me something' utterance. Below this, there is a section for 'Intent Slots (0)' with a table header and a row for creating a new slot. The table has columns for 'ORDER', 'NAME', 'SLOT TYPE', and 'ACTIONS'. The first row shows '1' in the 'ORDER' column, 'Create a new slot' in the 'NAME' column, and a '+' button in the 'ACTIONS' column. The 'SLOT TYPE' column has a dropdown menu labeled 'Select a slot type'. The 'ACTIONS' column has links for 'Edit Dialog' and 'Delete'. At the top of the main content area, there are buttons for 'Save Model' and 'Build Model'. A green arrow points to the 'Build Model' button.

Select the 3rd checklist item.

It may look like nothing is happening, but it may take 5+ minutes to complete, so be patient.

You can reopen the Intent checklist item to see if the “build in progress” dots are swirling.

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Your Alexa Consoles RK ?

< Your Skills ryan Build Test Launch Measure Feedback forum

English (U.S.)

CUSTOM

Interaction Model

Invocation

Intents (4) + Add

- GetNewFactIntent
- Built-In Intents (3)
 - AMAZON.CancelIntent
 - AMAZON.HelpIntent
 - AMAZON.StopIntent

Slot Types (0) + Add

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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 ✓

Build Started X

You will be notified when the model build is complete. - Wednesday, Apr 18, 2018, 3:35 PM

The 4th checklist item is the addition of the Lambda Endpoint.
To complete that you will need the ARN from the Lambda function.

The screenshot displays the Amazon Alexa Skills Kit Developer Console interface. The top navigation bar includes 'Your Skills', 'ryan', 'Build' (selected), 'Test', 'Launch', and 'Measure'. The left sidebar shows a tree view with 'CUSTOM' selected, containing 'Interaction Model', 'Intents (4)', 'Slot Types (0)', 'JSON Editor', 'Interfaces', and 'Endpoint'. The main content area is titled 'How to get started' and features a video player for 'Alexa Skills Kit Developer Console: Build'. Below the video are links for 'Documentation', 'Sample Alexa Projects', 'Weekly Office Hours', and 'Alexa Developer Forums'. On the right, the 'Skill builder checklist' is shown with four items: '1. Invocation Name', '2. Intents, Samples, and Slots', '3. Build Model', and '4. Endpoint'. A green arrow points to the '4. Endpoint' item, which is currently marked as incomplete. A 'Build Successful' notification is visible at the bottom right of the checklist area.

amazon alexa

Your Alexa Consoles RK ?

< Your Skills ryan Build Test Launch Measure Feedback forum

English (U.S.)

CUSTOM

- Interaction Model
- Invocation
- Intents (4) [Add](#)
 - GetNewFactIntent
 - Built-In Intents (3)
 - AMAZON.CancelIntent
 - AMAZON.HelpIntent
 - AMAZON.StopIntent
- Slot Types (0) [Add](#)
- JSON Editor
- Interfaces
- Endpoint

ACCOUNT LINKING

PERMISSIONS

developer.amazon.com/alexa/console/ask/build/custom/.../endpoint

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Developer Console: Build

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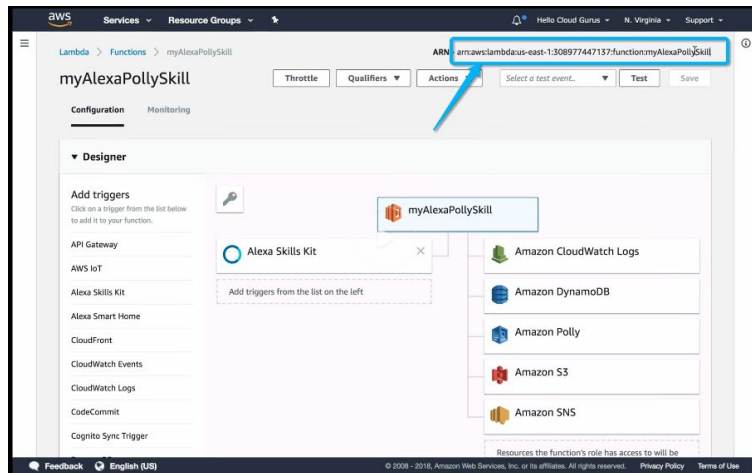
Skill builder checklist

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

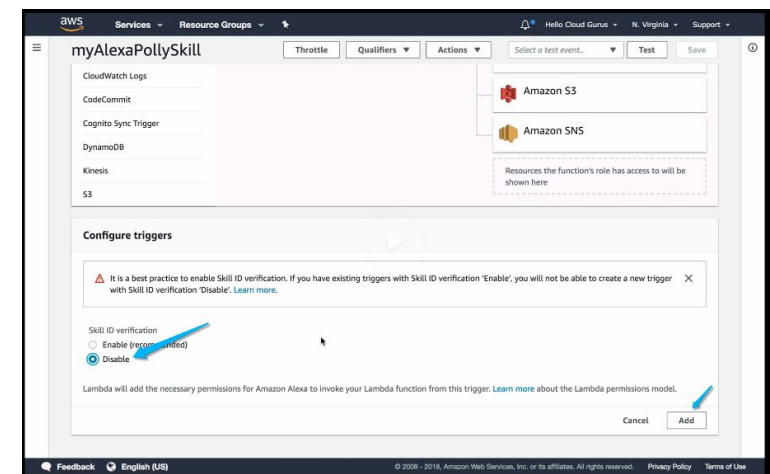
- REQUIRED** 1. Invocation Name > [Enter an invocation name for your skill](#) ✓
- REQUIRED** 2. Intents, Samples, and Slots > [Add at least one intent and one sample utterance](#) ✓
- REQUIRED** 3. Build Model > [Successfully build your interaction model](#) ✓
- REQUIRED** 4. Endpoint > [Set a web service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

Build Successful ✕
If you make any new changes, you will need to rebuild your model for them to take effect. - Wednesday, Apr 18, 2018, 3:36 PM

The ARN is found in the Upper right of the Function screen once saved



A recent change in the Lambda UI that is worth mentioning is that you now need to “Disable” the “Skill ID verification”.



Select "AWS Lambda ARN"

Add the ARN to the Default region

Save the Endpoint and return to the Build tab.

< Your Skills ryan Build Test Launch Measure Feedback forum

English (U.S.)

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 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)

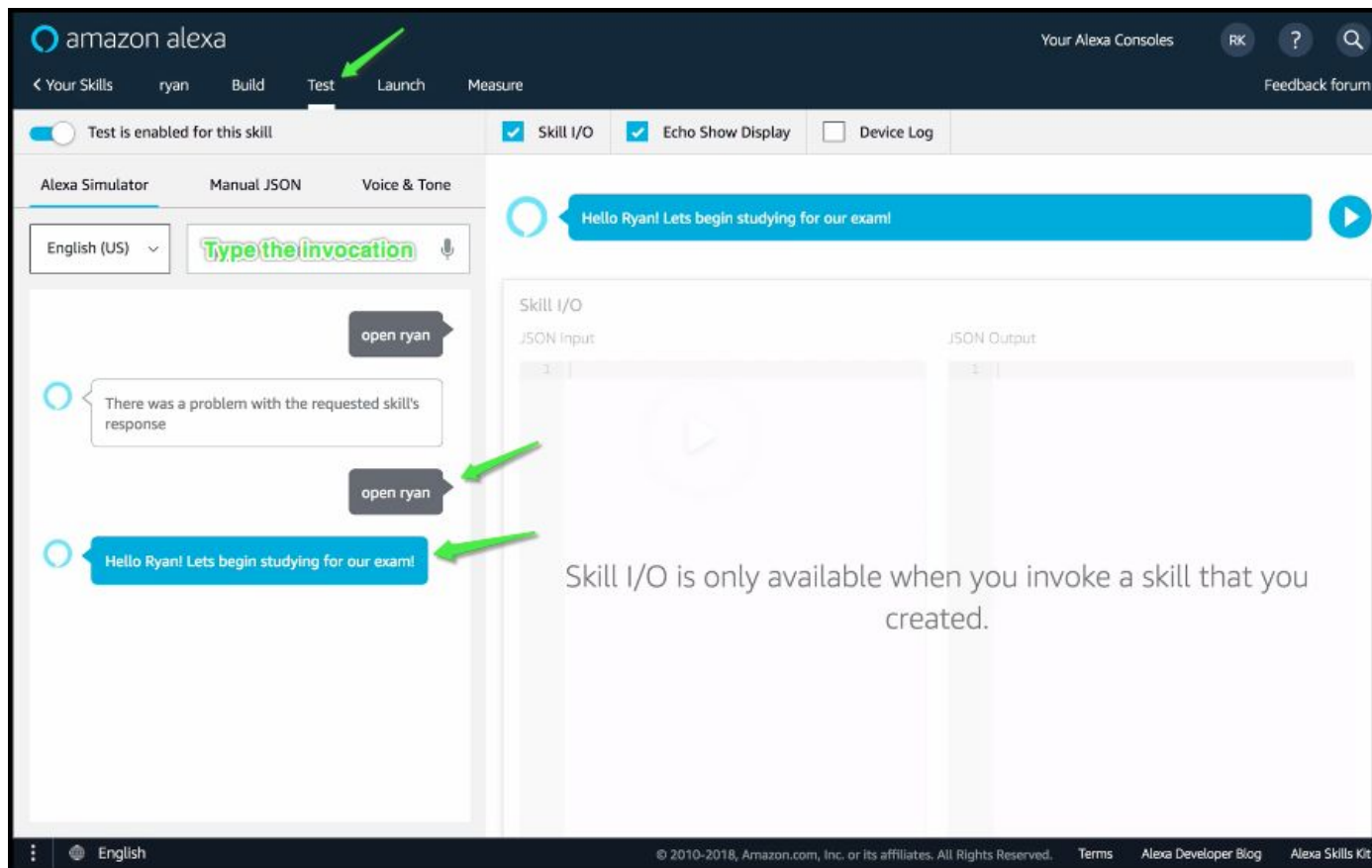
Your Skill ID ⓘ amzn1.ask.skill.111c1b95-648e-41b0-8815-2b48fe14f5ab
[Copy to Clipboard](#)

Default Region ⓘ (Required) arn:aws:lambda:us-east-1:308977447137:function:myAlex

North America ⓘ (Optional) arn:aws:lambda:us-east-1:<aws_account_id>:function:<lar

Europe and India ⓘ (Optional) arn:aws:lambda:eu-west-1:<aws_account_id>:function:<cla

Now you can test by invoking the skill by name



I hope that this short cheat sheet will help you navigate the new Alexa UI while we work through the process of re-recording all the lectures & labs.