Build your First Alexa Skill

Alexa, What's the WiFi info?

WiFi Name: Betaworks1 - Guest
WiFi Password: betaworks

Alexa Skill Terminology

Alexa, ask “nonsmoker” “how many days it’s been since I quit”

Invocation Name

Intent

“Hello, World” Skill

Alexa, tell <your last name> to say hello world.

Alexa Skill Steps

Lambda

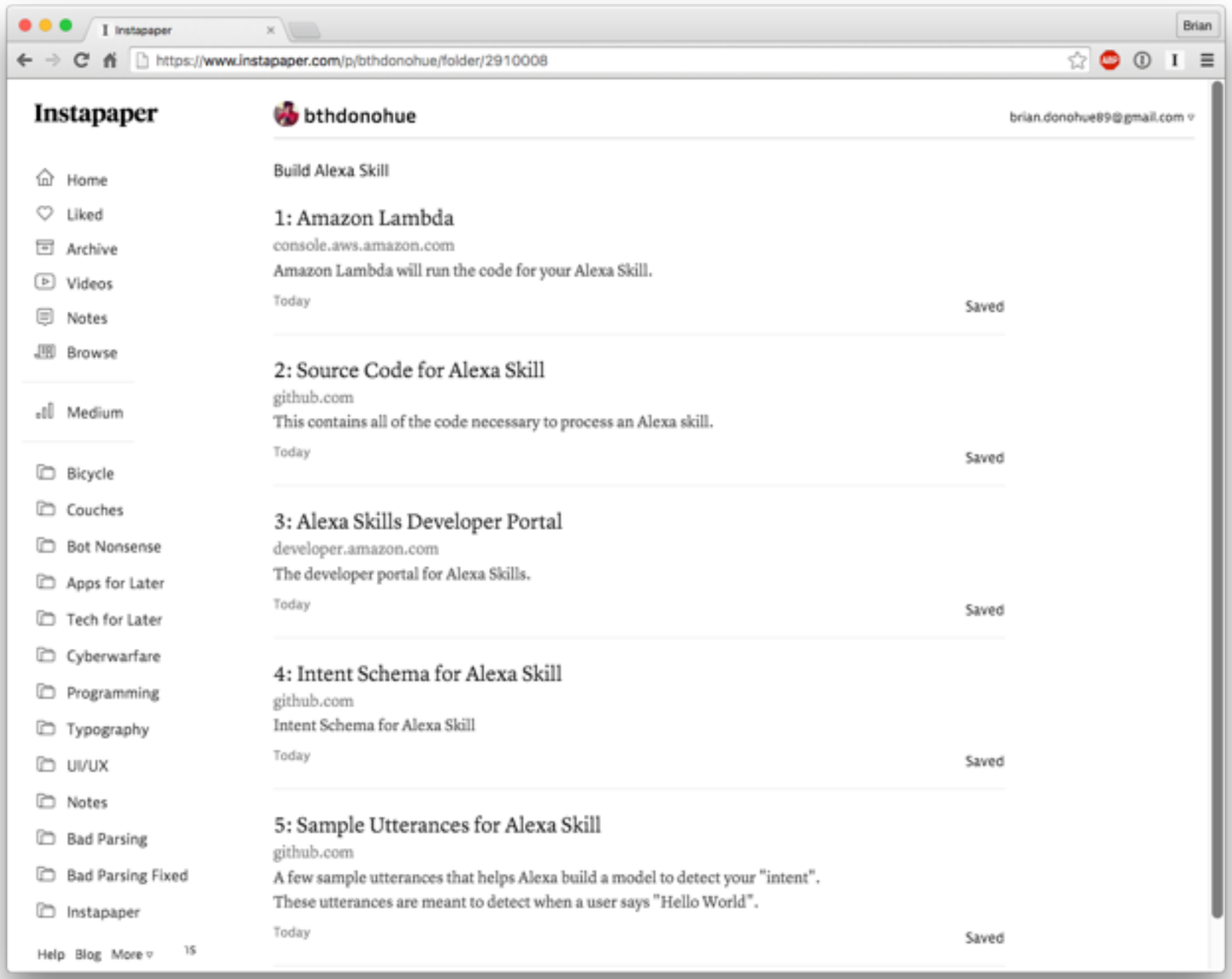
amazon Developer

Alexa Skills Portal

Test

Customize

bit.ly/alexaskill



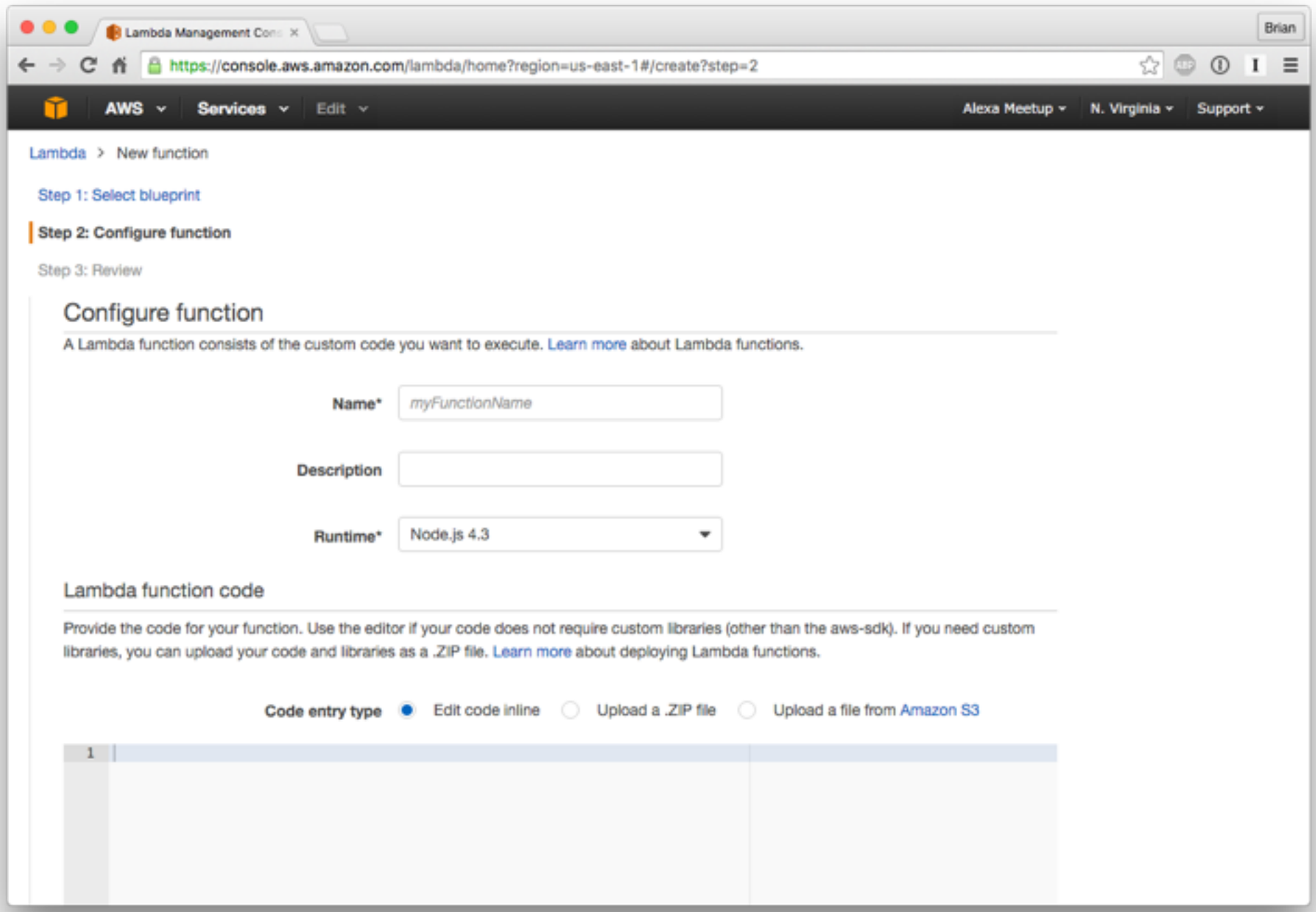
Step 1: Lambda

Lambda

1a: Amazon Lambda Login

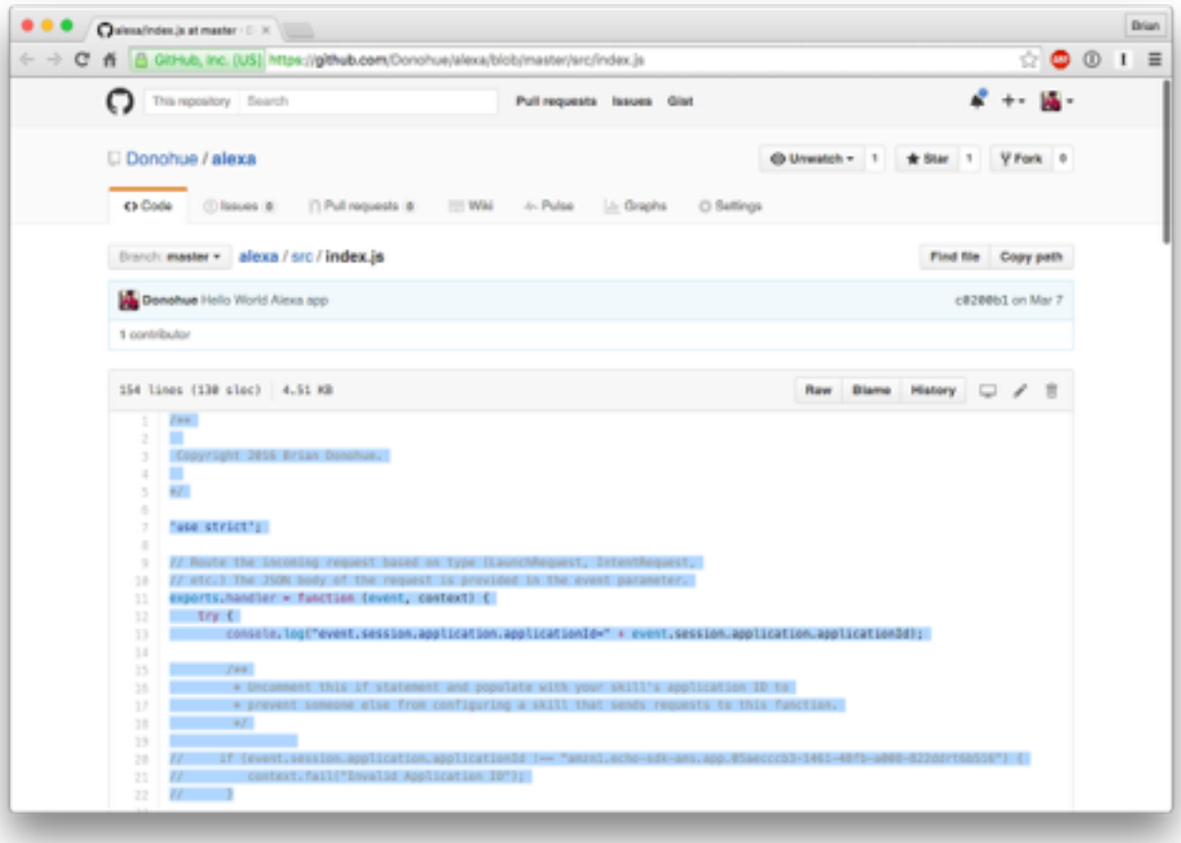
- Click Link 1
- Login or create an account with the same Amazon account that your Echo is linked to.

1b: Amazon Lambda Function

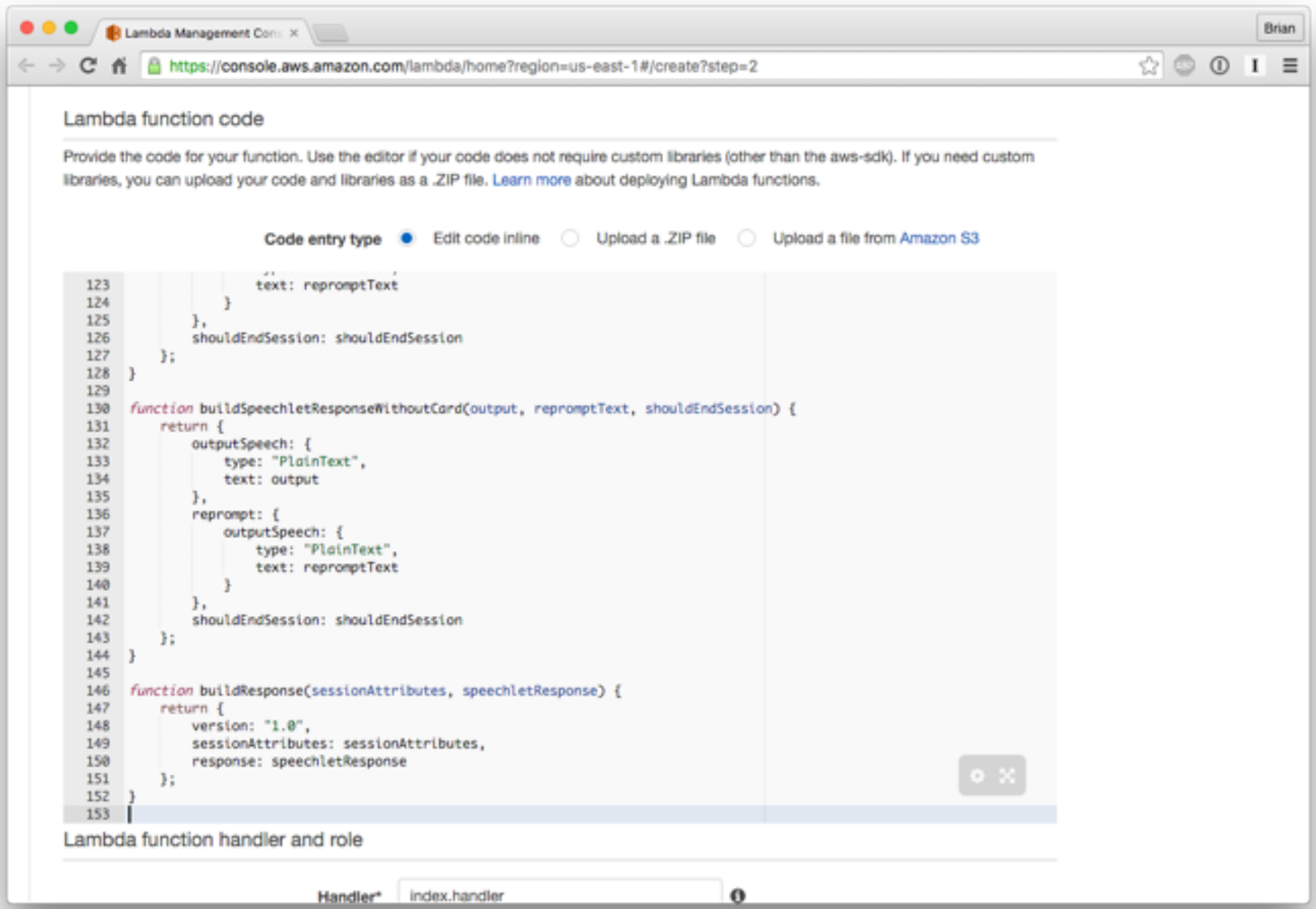


1c: Copy Source Code

- Click Link 2
- Copy all of the source code in the box

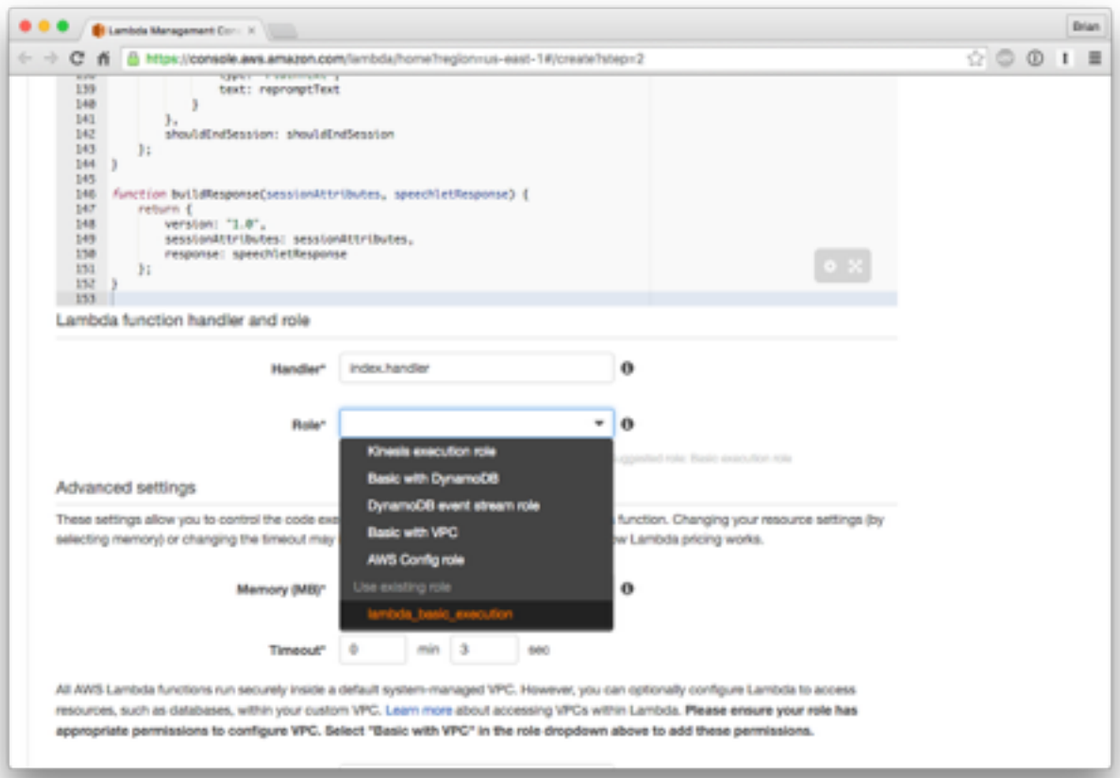


1d: Paste Source Code

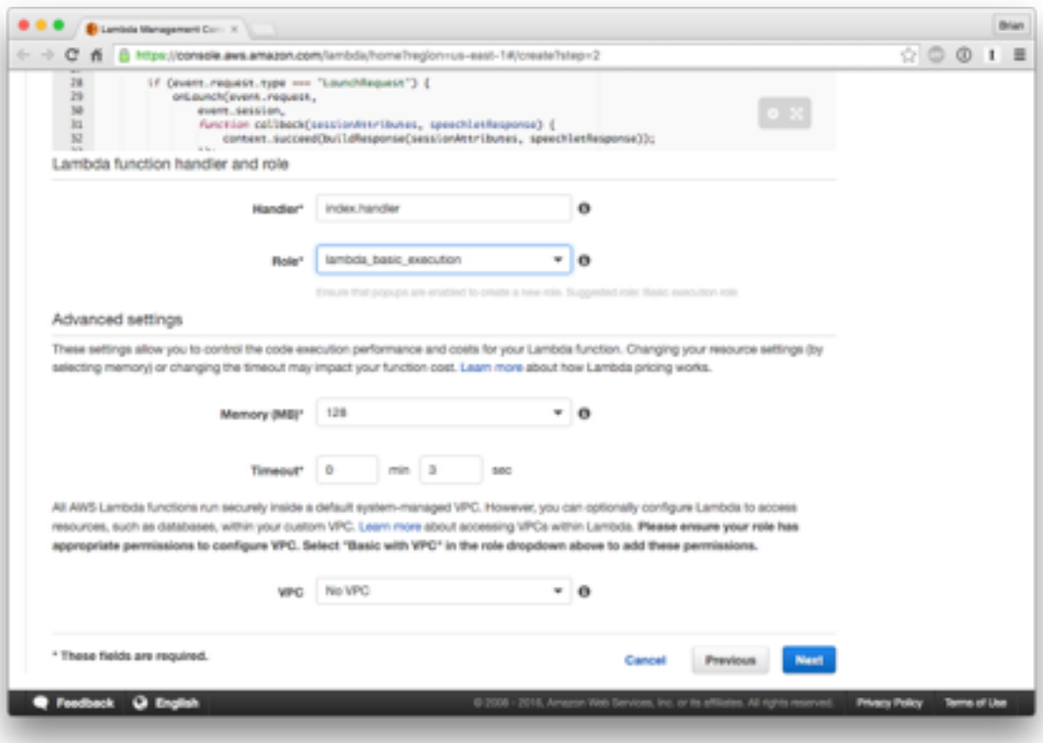


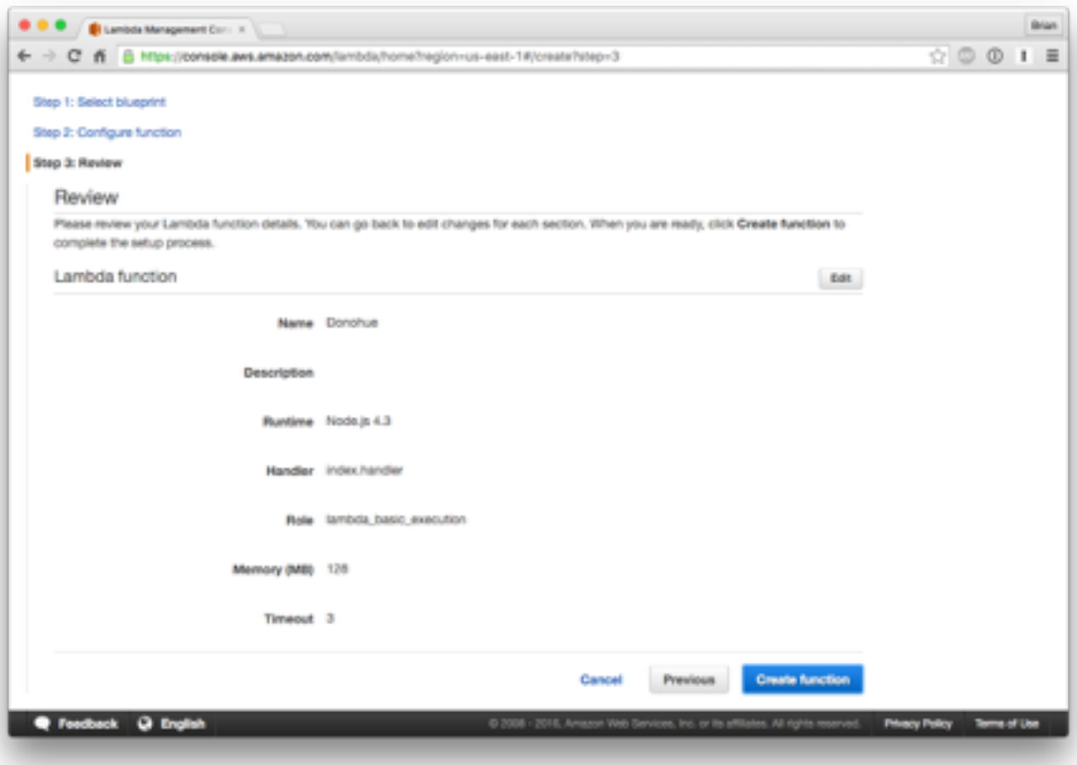
1e: Set Execution Role

- Click “Role” dropdown
- Scroll dropdown menu to bottom
- Click “lambda_basic_execution”

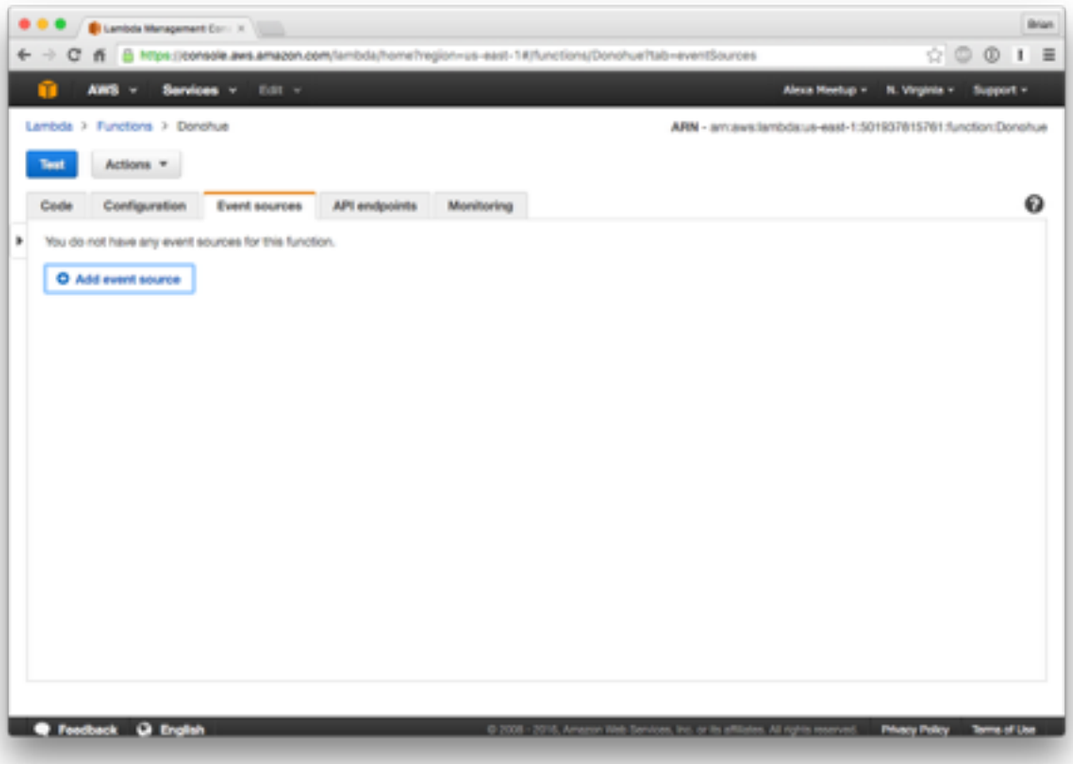


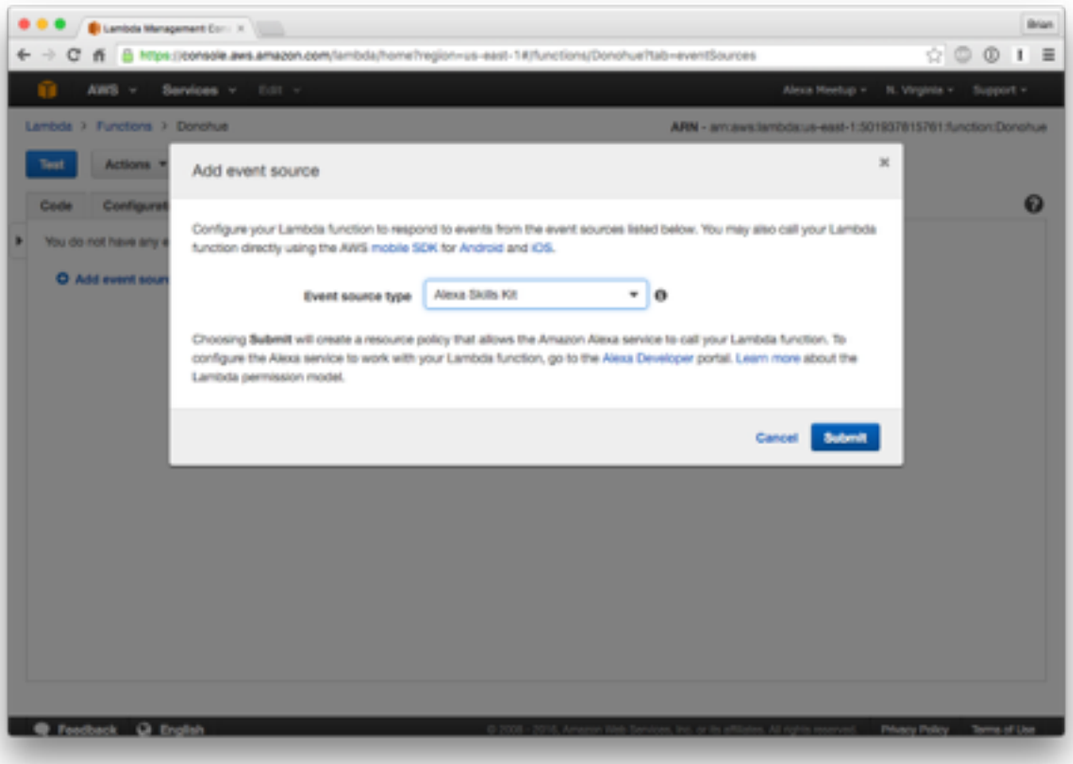
1f: Finish Creating Function





1g: Set Event Source





Step 1 Done

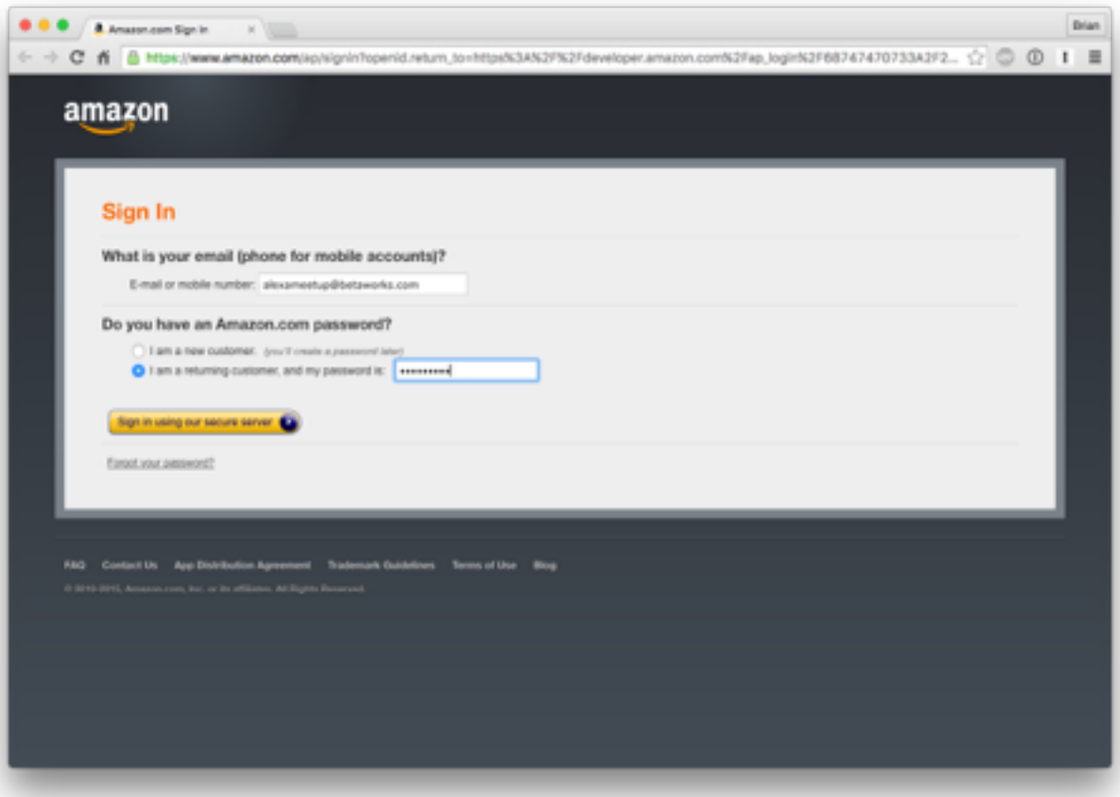
Step 2: Amazon Skills Portal

Alexa Skills Portal

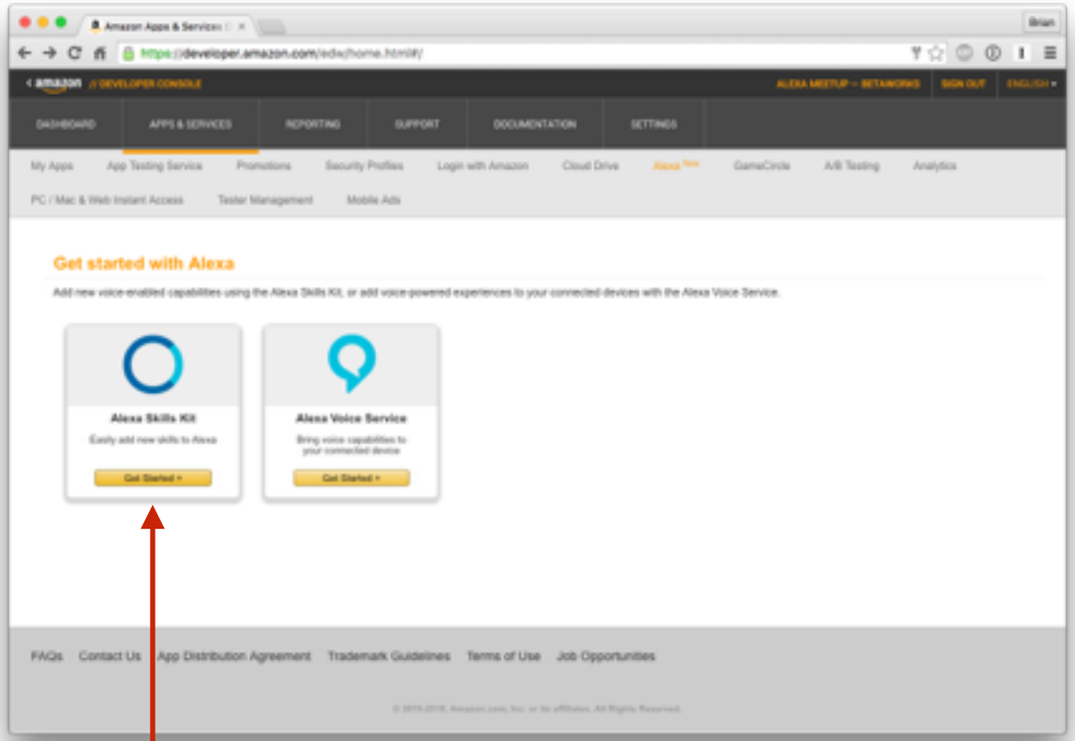
2a: Amazon Developer Login

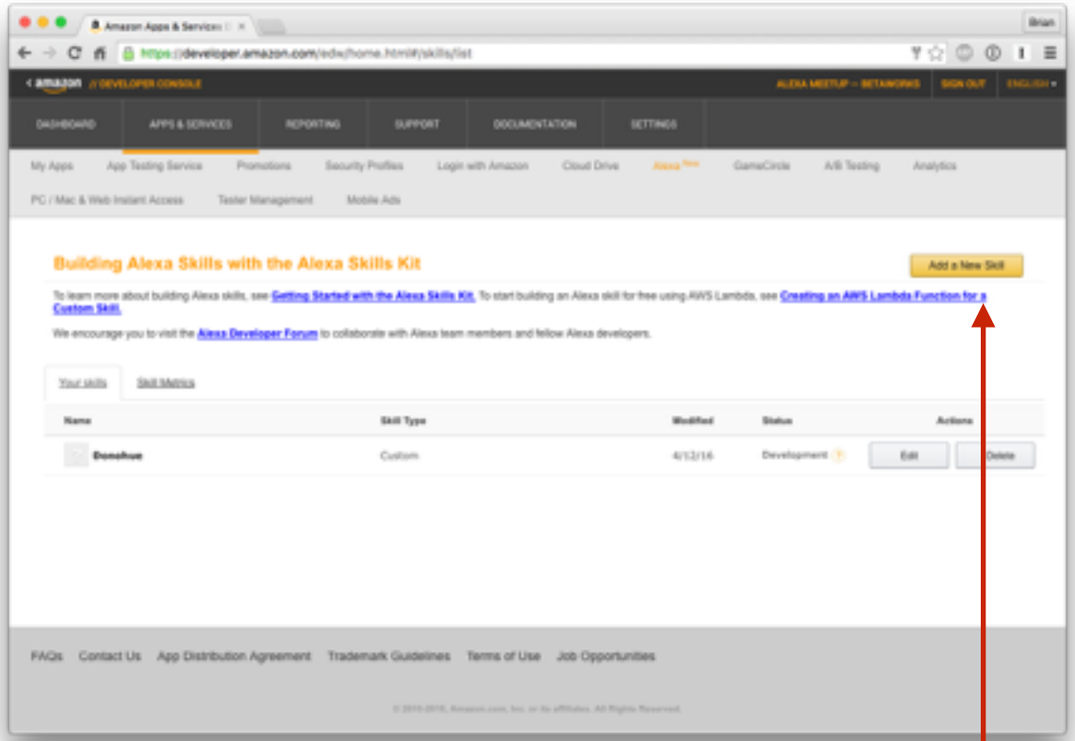
- Click Link 3

- Login or create an account with the same Amazon account that your Echo is linked to.

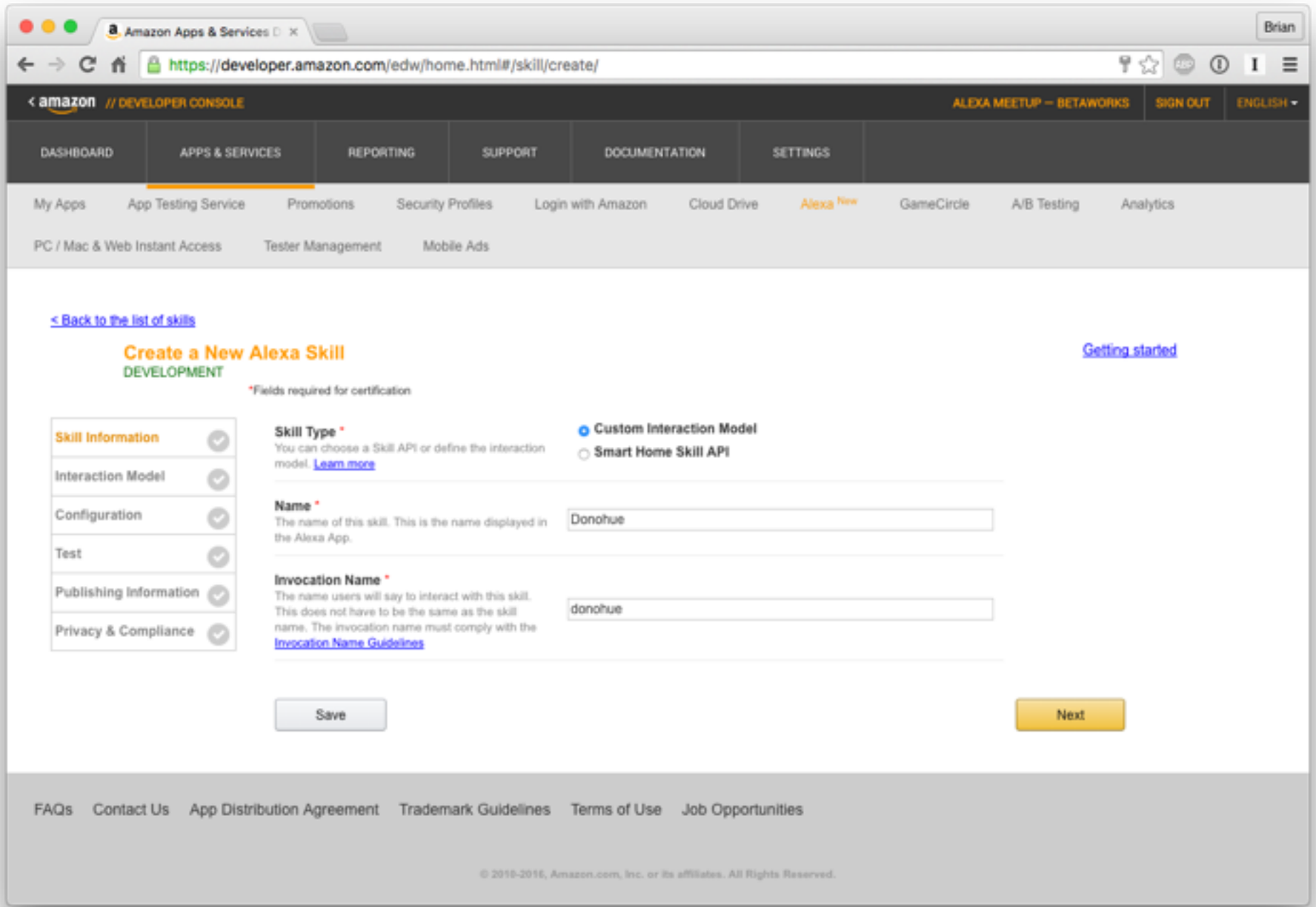


2b: Navigate to Add New Skill

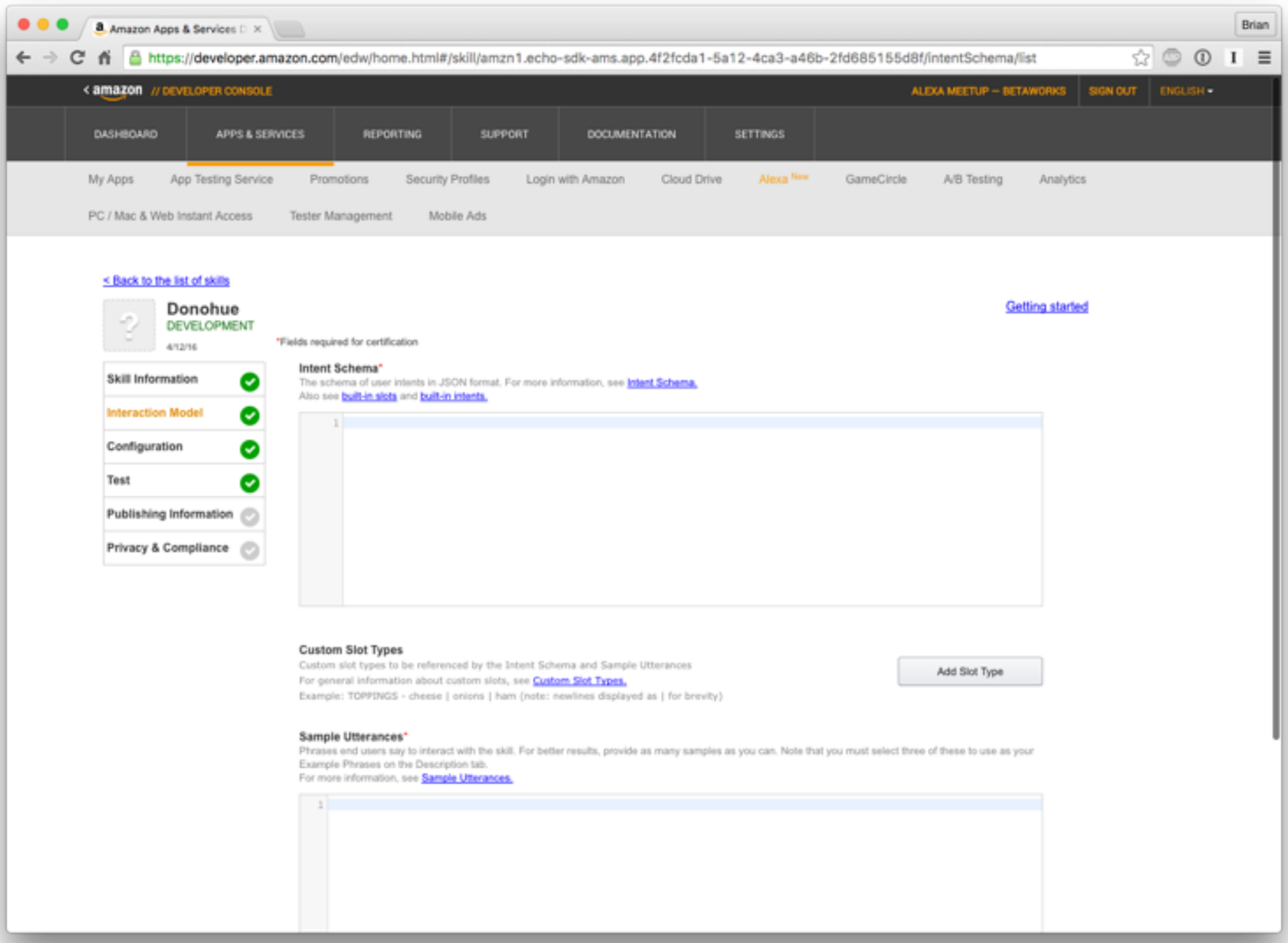




2c: Name and Invocation Name



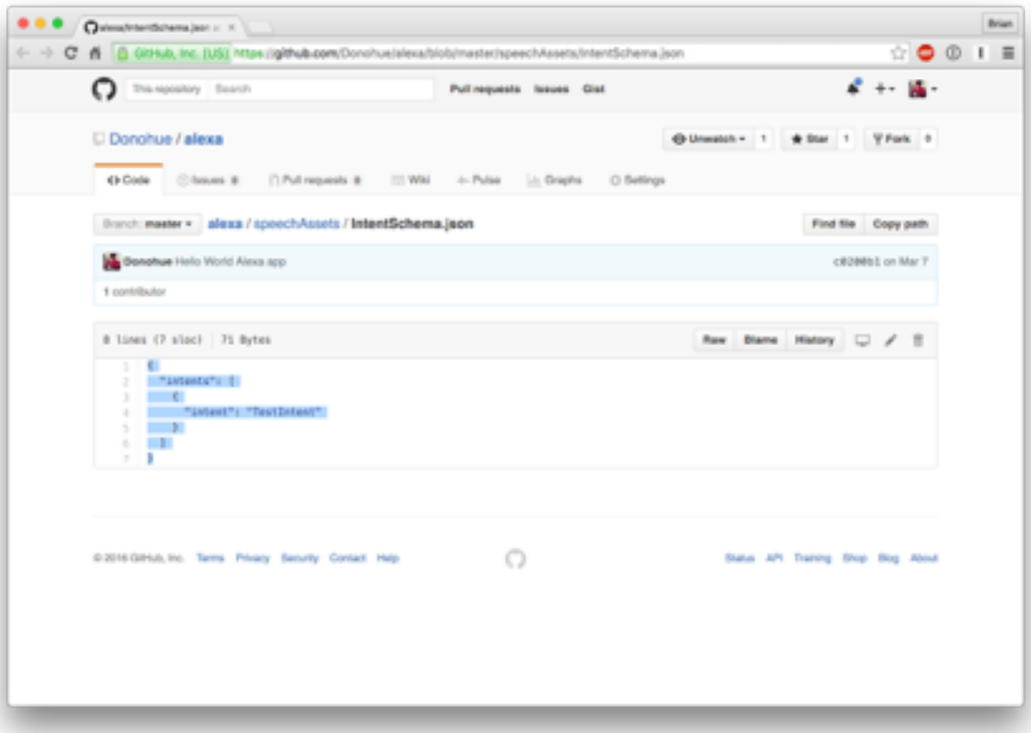
2d: Interaction Model



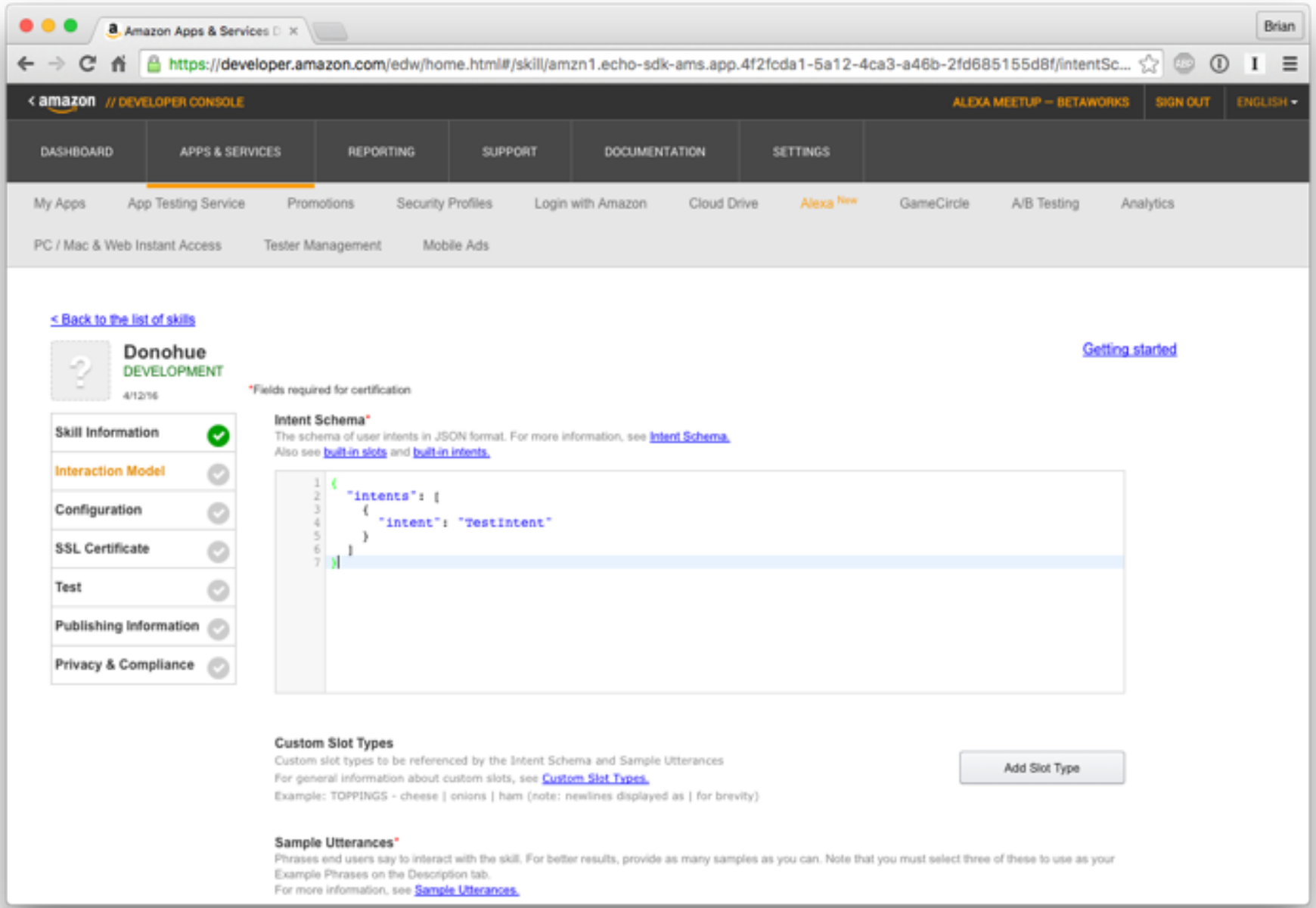
2e: Copy Intent Schema

- Click Link 4

- Copy all of the text in the box

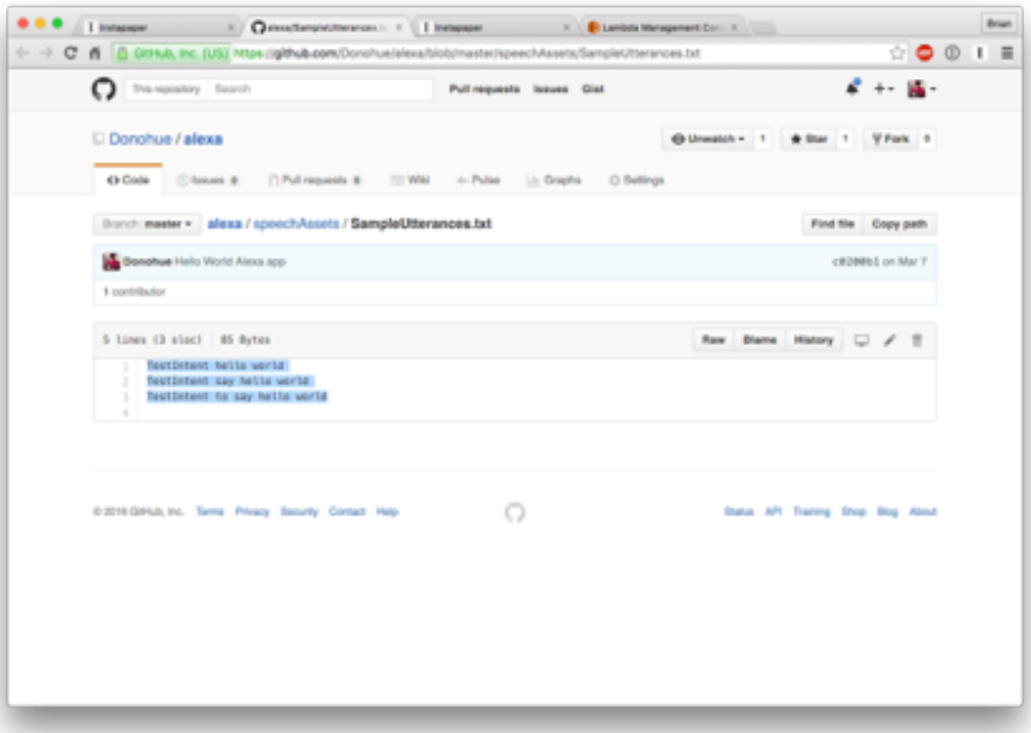


2f: Paste Intent Schema



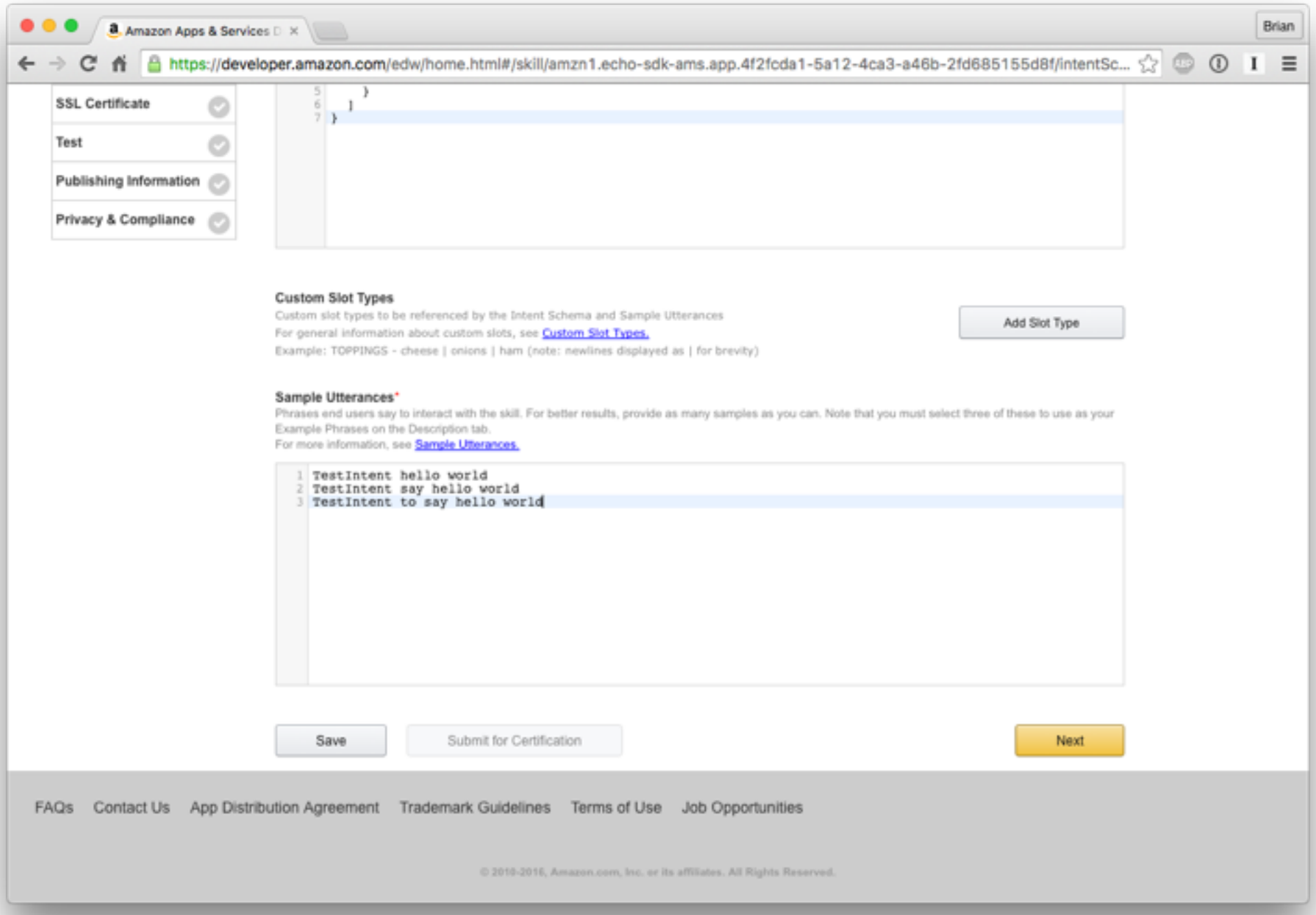
2g: Copy Sample Utterances

- Click Link 5

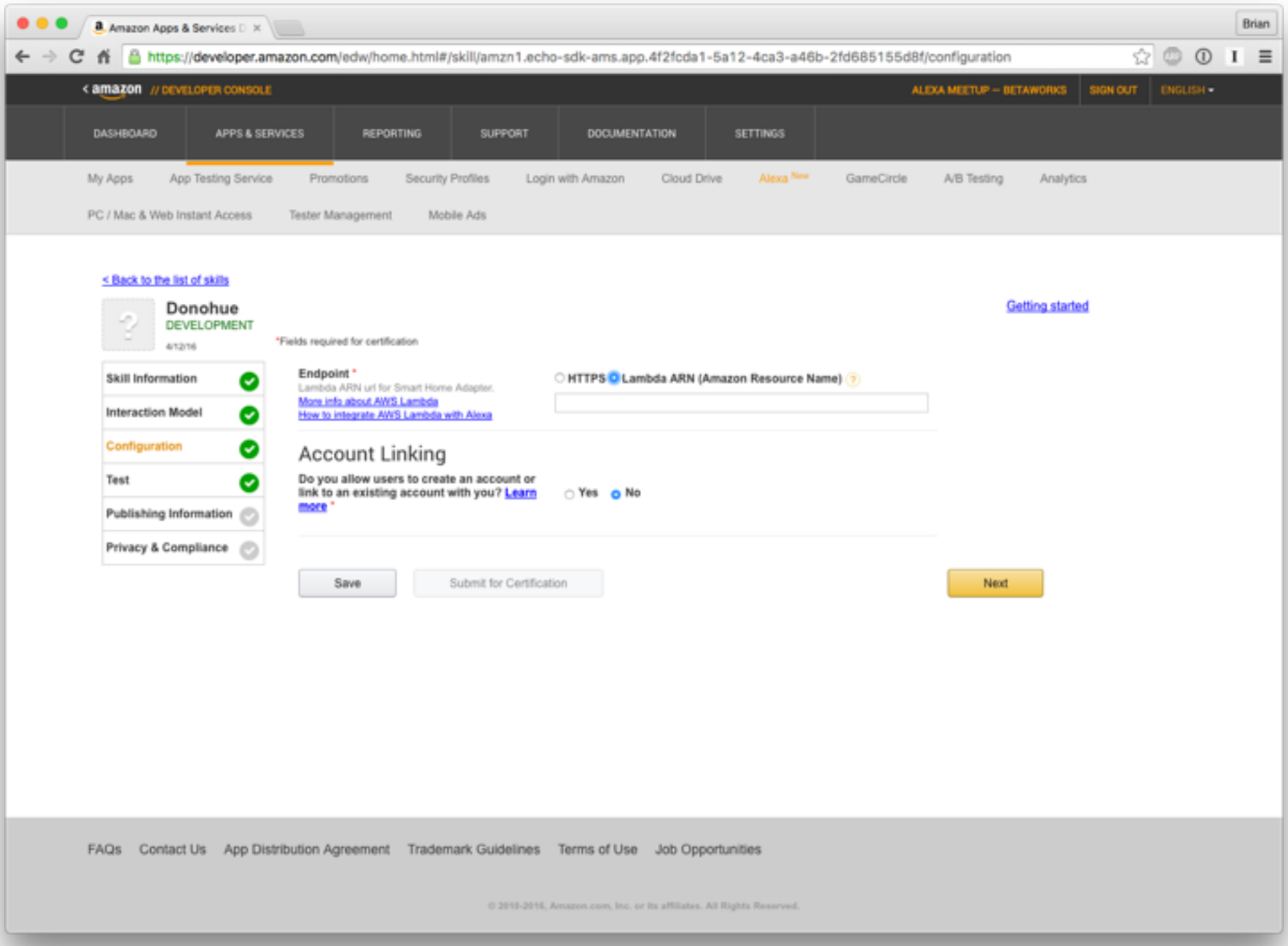


- Copy all of the text in the box

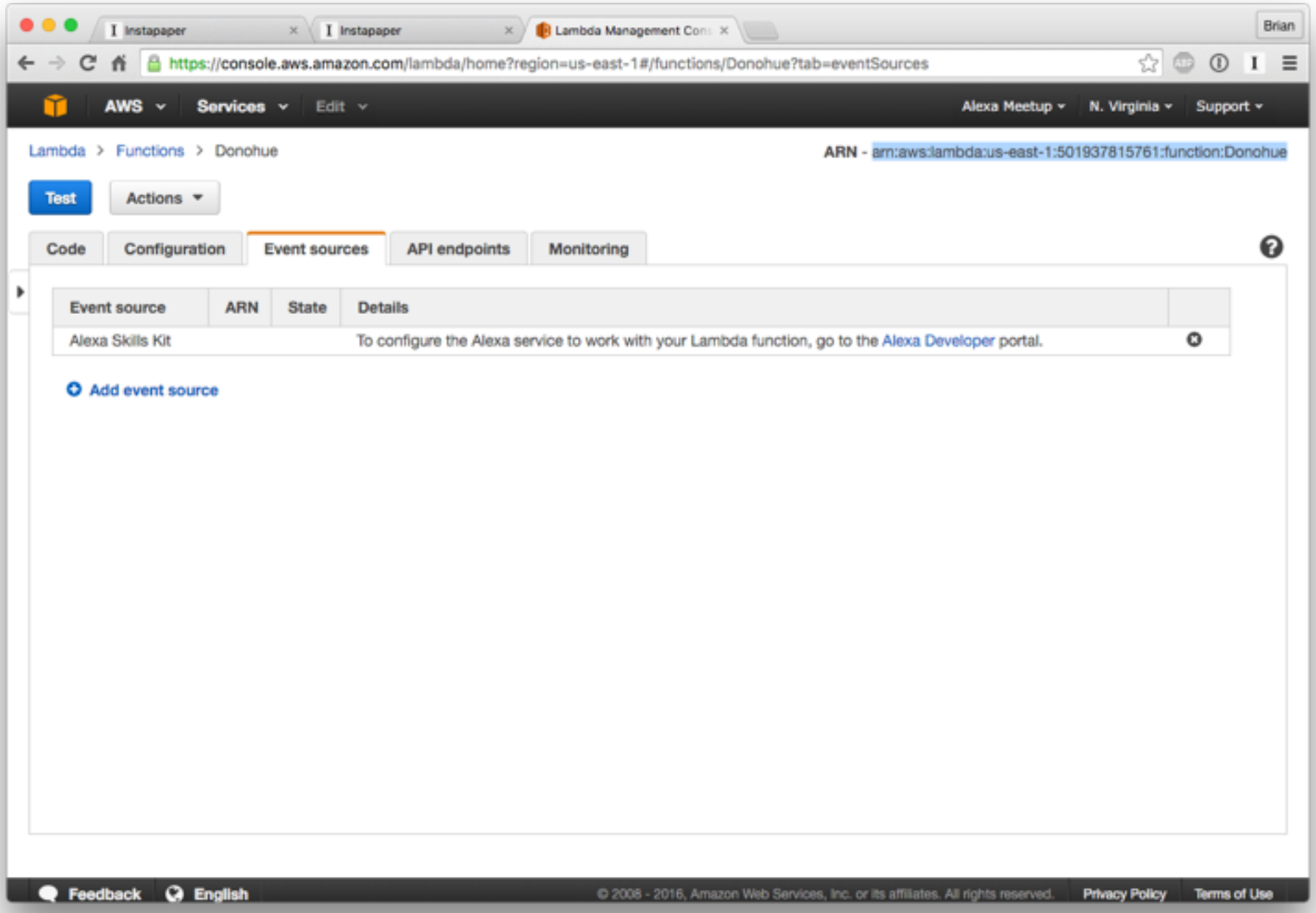
2h: Paste Sample Utterances



2i: Configuration



2j: Copy ARN


Instapaper
Instapaper
Lambda Management Cons
Brian
https://console.aws.amazon.com/lambda/home?region=us-east-1#/functions/Donohue?tab=eventSources
AWS
Services
Edit
Alexa Meetup
N. Virginia
Support
Lambda > Functions > Donohue
ARN - arn:aws:lambda:us-east-1:501937815761:function:Donohue
Test
Actions
Code
Configuration
Event sources
API endpoints
Monitoring
Event source
ARN
State
Details
Alexa Skills Kit
To configure the Alexa service to work with your Lambda function, go to the Alexa Developer portal.
Add event source
Feedback
English
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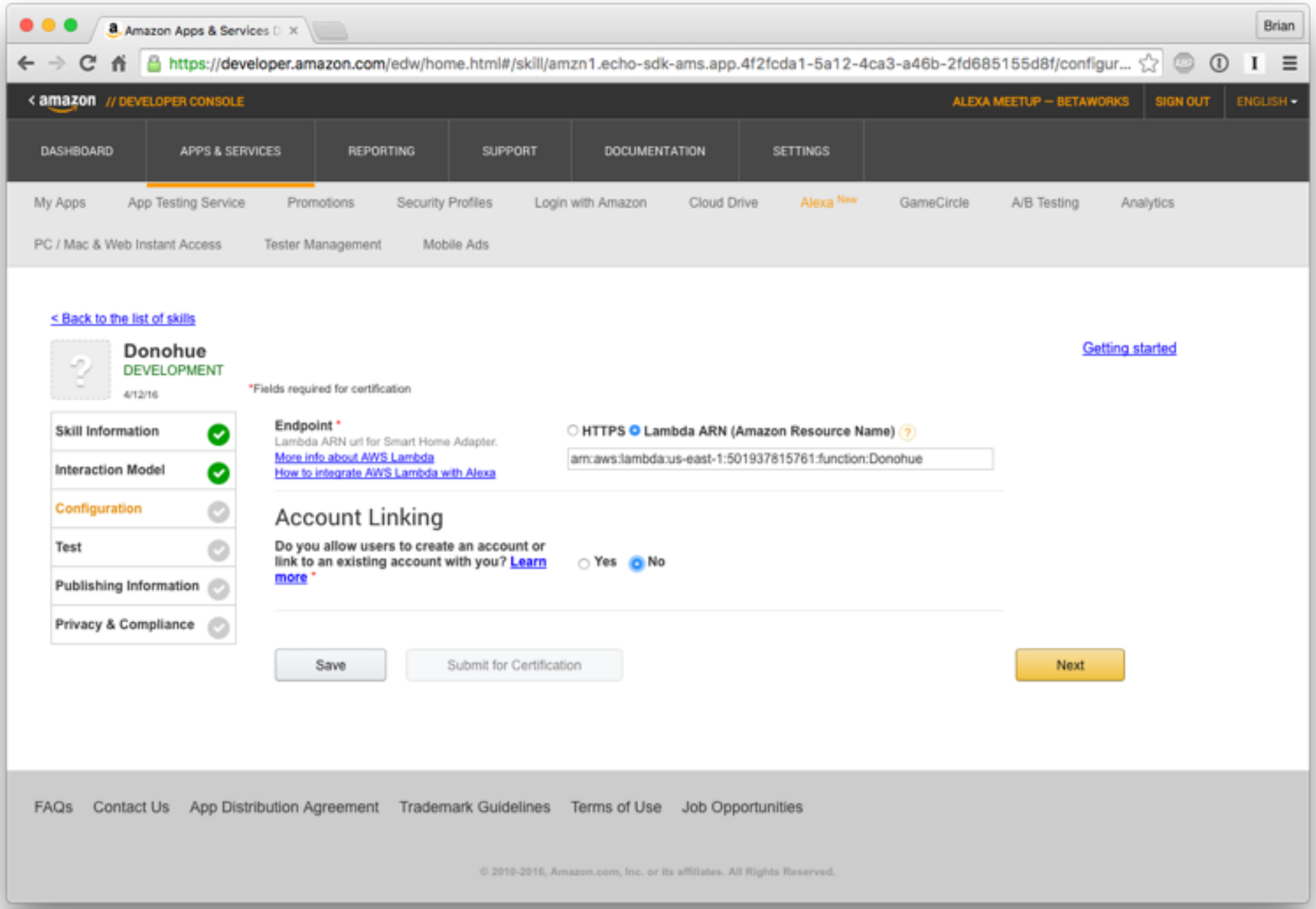
2k: Paste ARN


Amazon Apps & Services
Brian
https://developer.amazon.com/edw/home.html#/skill/amzn1.echo-sdk-ams.app.4f2fcda1-5a12-4ca3-a46b-2fd685155d8f/configur...
amazon // DEVELOPER CONSOLE
ALEXA MEETUP — BETAWORKS
SIGN OUT
ENGLISH
DASHBOARD
APPS & SERVICES
REPORTING
SUPPORT
DOCUMENTATION
SETTINGS
My Apps
App Testing Service
Promotions
Security Profiles
Login with Amazon
Cloud Drive
Alexa New
GameCircle
A/B Testing
Analytics
PC / Mac & Web Instant Access
Tester Management
Mobile Ads
< Back to the list of skills
Donohue
DEVELOPMENT
4/12/16
Getting started
*Fields required for certification
Skill Information
Interaction Model
Configuration
Test
Publishing Information
Privacy & Compliance
Endpoint *
Lambda ARN url for Smart Home Adapter.
More info about AWS Lambda
How to integrate AWS Lambda with Alexa
HTTPS
Lambda ARN (Amazon Resource Name)
arn:aws:lambda:us-east-1:501937815761:function:Donohue
Account Linking
Do you allow users to create an account or link to an existing account with you? Learn more *
Yes
No
Save
Submit for Certification
Next
FAQs
Contact Us
App Distribution Agreement
Trademark Guidelines
Terms of Use
Job Opportunities
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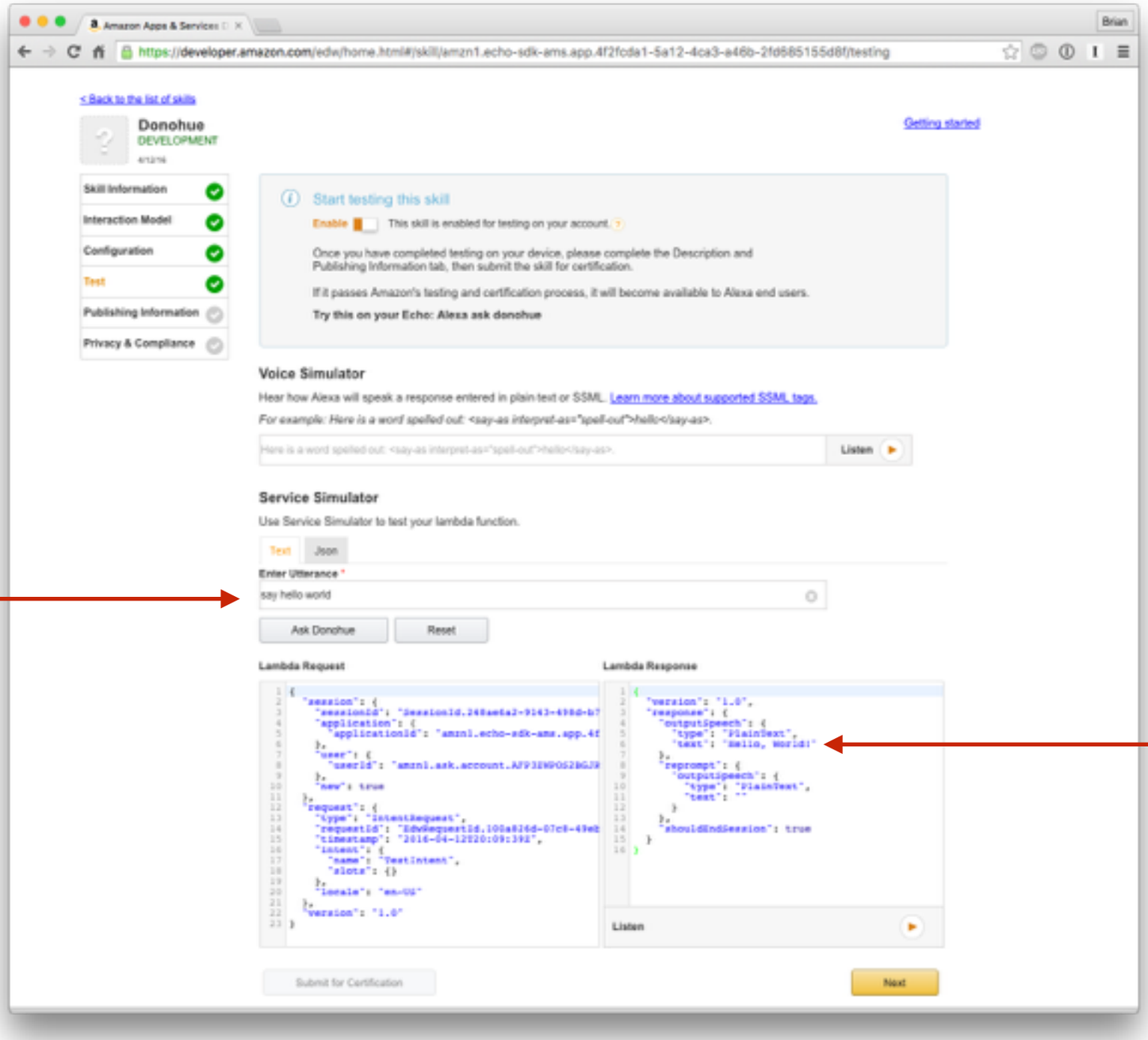
Step 2 Done

Step 3: Amazon Skills Test

Test

3a: Service Simulator

Input

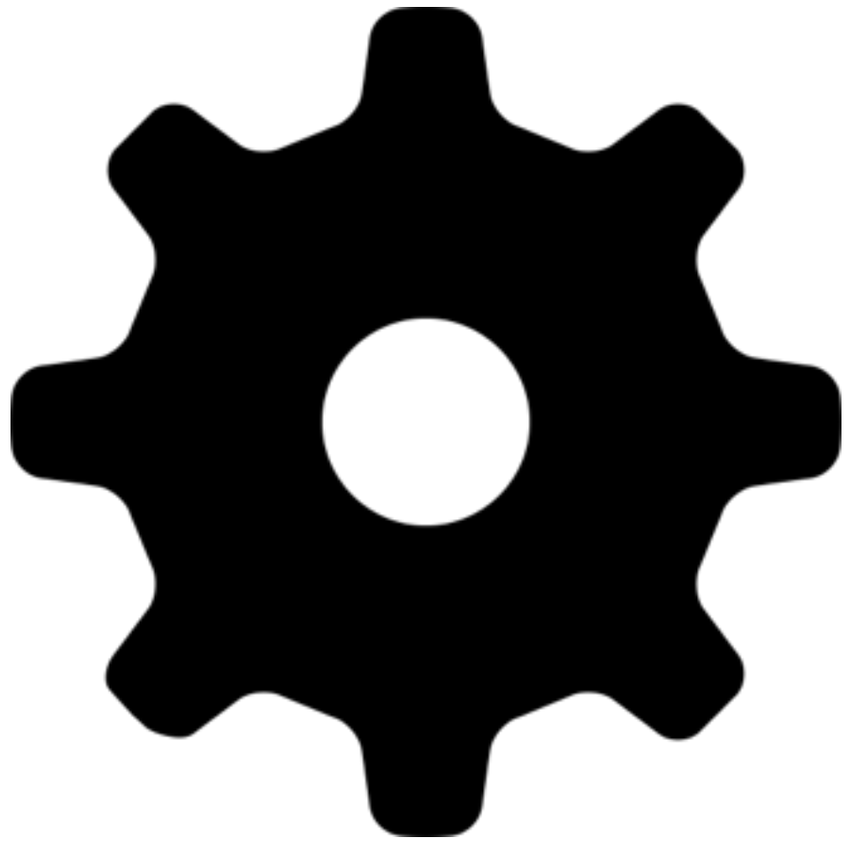


Output

3b: Test on Device

Alexa, tell <your last name> to say hello world.

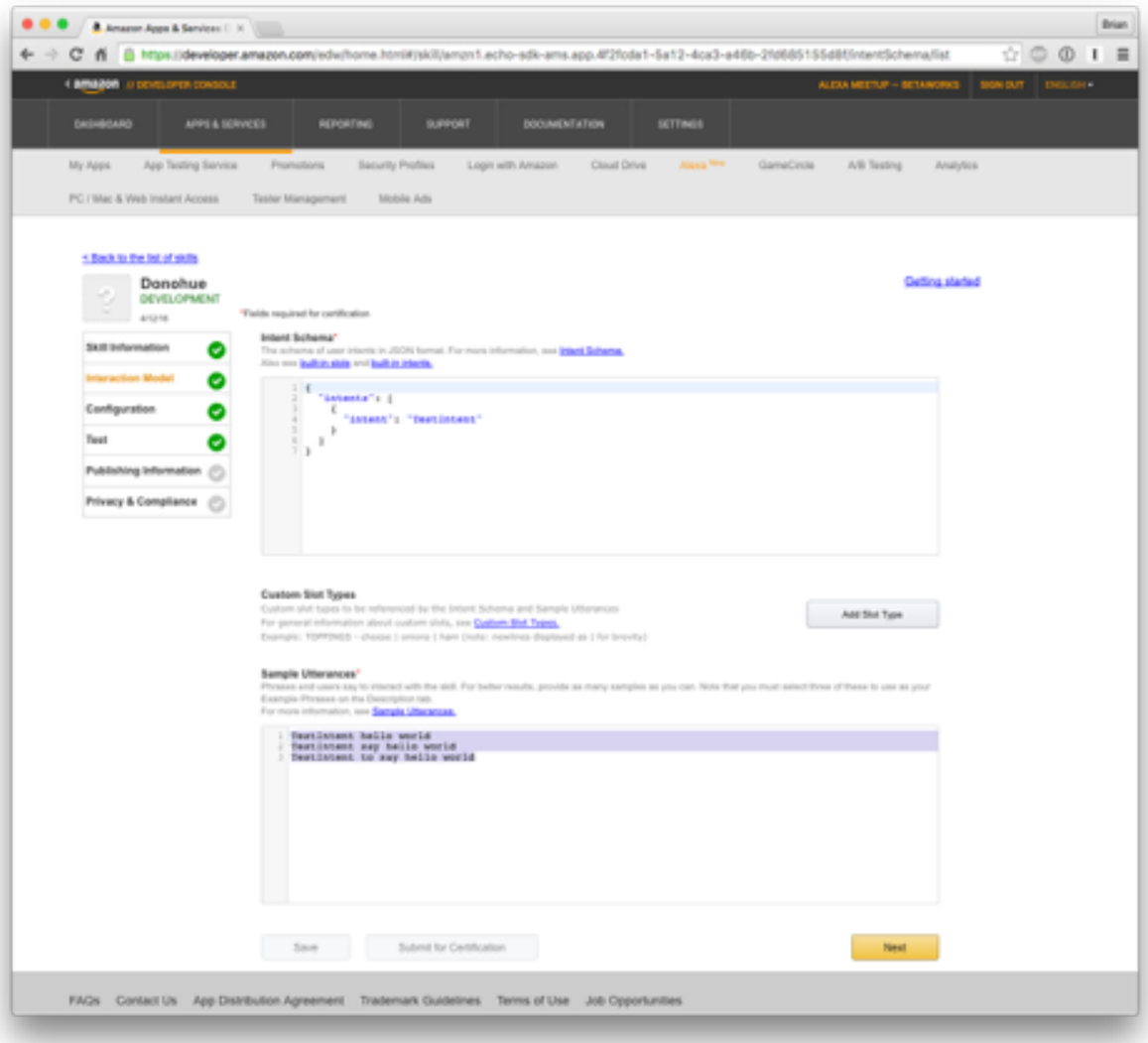
Step 4: Customize



4a: Change “Sample Utterances”

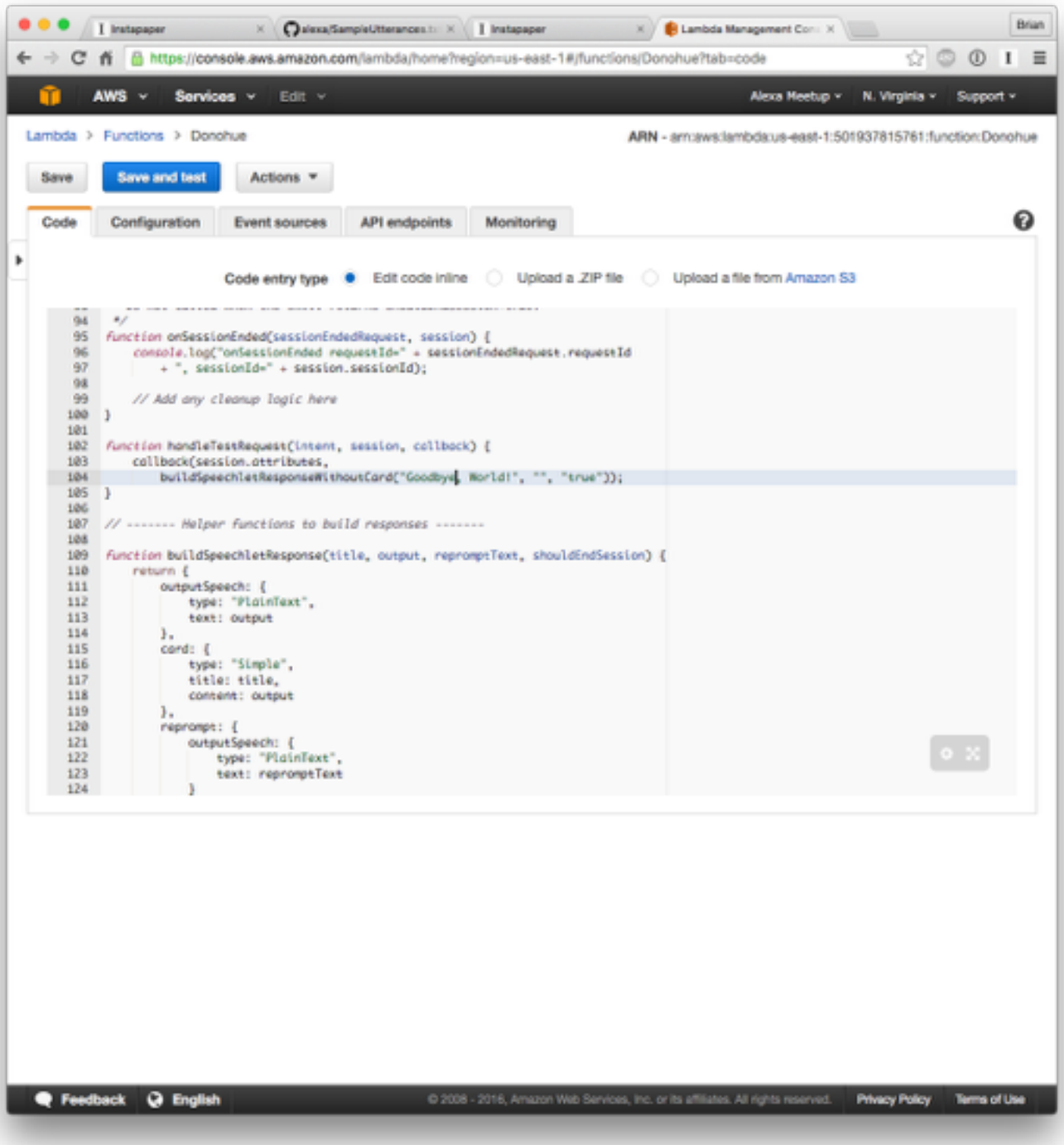
• Go to “Interaction Model” in dev portal.

• In Sample Utterances, edit the words to the right of “TestIntent” with what you want to say (input).



4b: Change Lambda Output

- Go to “Code” tab in Lambda
- Scroll to line 104 and replace Hello, World with your output.
- Keep the quotes around your output
- Click “Save”.
- Test in Amazon Developer Portal.



Fin