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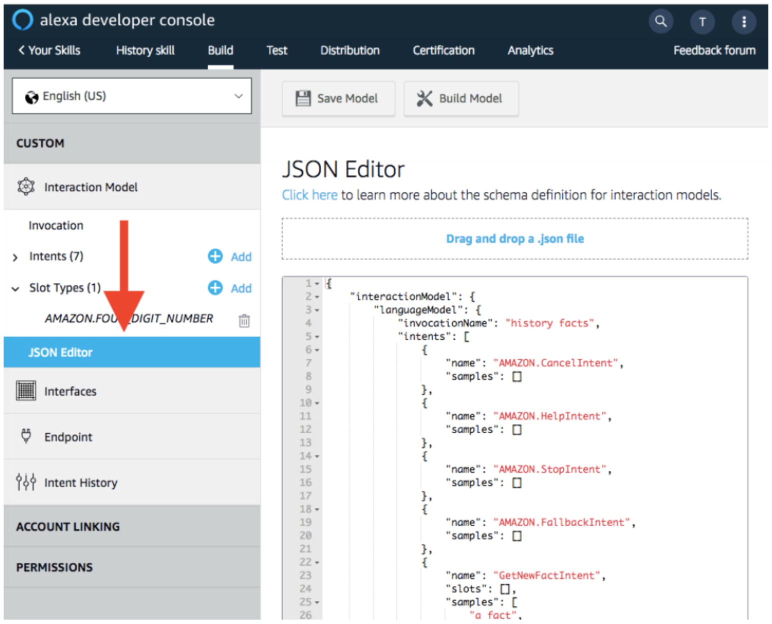
Deploying your Skill

The Fact Skill tutorial steps you through setting up an Alexa Skill. The starter code can be deployed in the same way. The following step-by-step instructions assume you already have completed the steps in the **Getting Started** concept, and are ready to deploy your starter code. Open both Alexa Developer portal and the Amazon AWS console to complete the tasks.

Tasks inside Alexa Developer portal:

1. On Alexa Developer portal, click `Create Skill`, enter `Skill name`, and choose `Custom` model and `Fact Skill` template.
2. Navigate to the *Build* tab inside the skill *Interaction Model*.
3. From the *Interaction Model* menu on the left, select *JSON Editor*.
4. Paste or drag-and-drop the contents of your `src/model/en-US.json` file in the text box on that page.
5. Click Save Model at the top of the page.

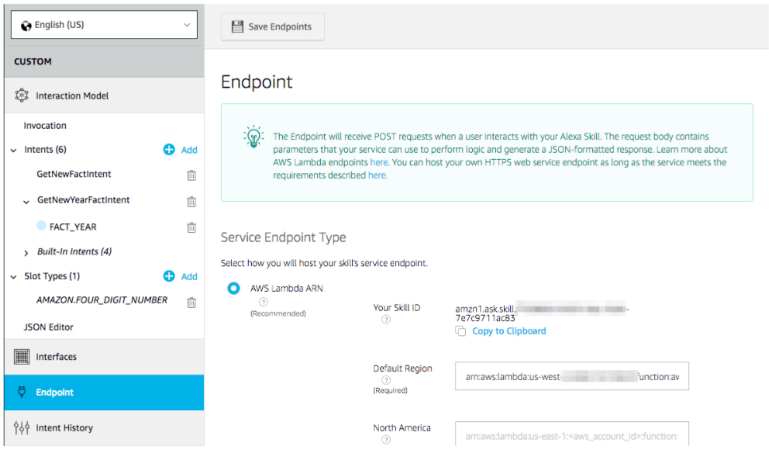


```
{
    "interactionModel": {
        "languageModel": {
            "invocationName": "history facts",
            "intents": [
                {
                    "name": "AMAZON.CancelIntent",
                    "samples": []
                },
                {
                    "name": "AMAZON.HelpIntent",
                    "samples": []
                },
                {
                    "name": "AMAZON.StopIntent",
                    "samples": []
                },
                {
                    "name": "AMAZON.FallbackIntent",
                    "samples": []
                },
                {
                    "name": "GetNewFactIntent",
                    "slots": [],
                    "samples": [
                        "a fact",
```

Tasks inside AWS console:

1. Navigate to AWS console and choose the AWS Lambda service.
2. Create and set up the Lambda function using `Serverless Application Repository` and `NodeJS` template by following step 2 of Alexa sample skills set instructions.
3. Time to connect AWS Lambda service and Alexa Developer VUI console! Copy `AWS Lambda ARN` into VUI `Endpoint`. See step 3 detail instructions.
4. Copy the contents of your `src/lambda/index.js` into the `index.js` file in the editor under the **Function Code** header.

Copy AWS Lambda ARN into VUI Endpoint to connect Lambda service and VUI console:



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.

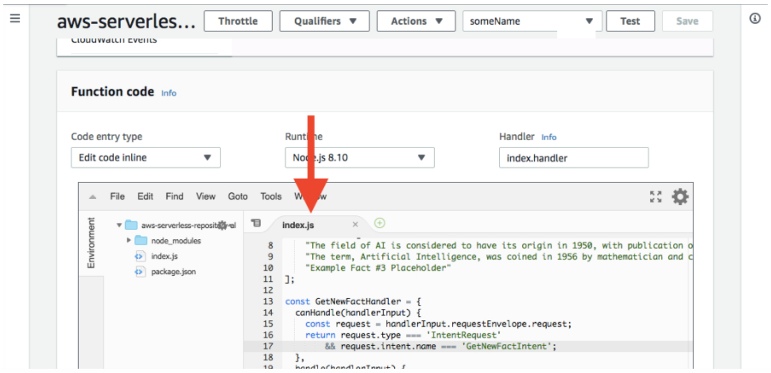
● AWS Lambda ARN (Recommended)

Your Skill ID: amzn1.ask.skill.[redacted]-7e7c9711ac83 Copy to Clipboard

Default Region (Required): arn:aws:lambda:us-west-[redacted]unction:av

North America: arn:aws:lambda:us-east-1:<aws_account_id>:function:

Copy `index.js` *script into AWS Lambda Function Code:*



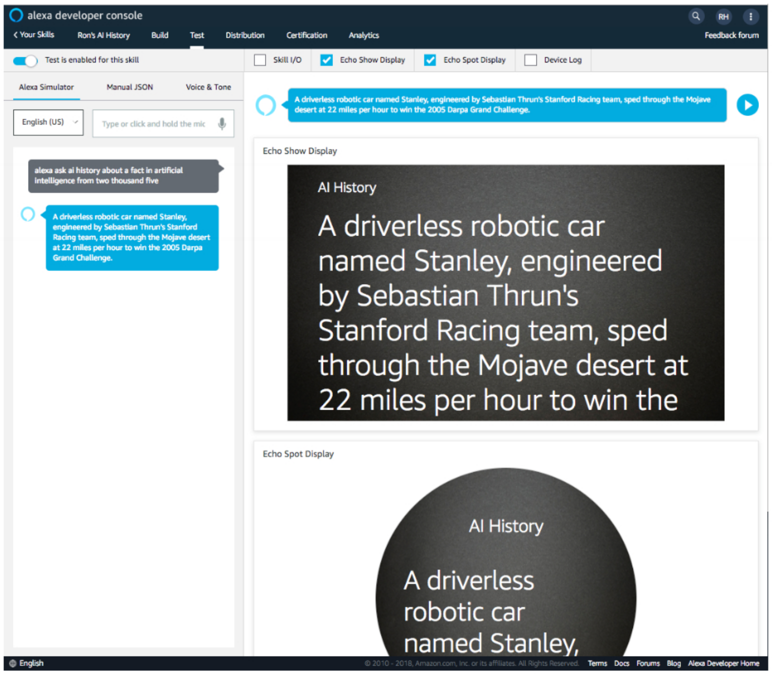
```
    "The field of AI is considered to have its origin in 1950, with publication o
    "The term, Artificial Intelligence, was coined in 1956 by mathematician and c
    "Example Fact #3 Placeholder"
];

const GetNewFactHandler = {
  canHandle(handlerInput) {
    const request = handlerInput.requestEnvelope.request;
    return request.type === 'IntentRequest'
        && request.intent.name === 'GetNewFactIntent';
  },
```

Test your Alexa skill deployment

Once your Lambda function is deployed and ready, and you have successfully built the skill in the Alexa Developer Console, you can proceed to the Test tab in the Alexa Developer Console to test your skill.

Notes on testing:

- You might have to enable testing your skill by toggling the button on the top left
- You can use the Alexa simulator to utterances by voice or by typing text into the text box.
- With more advanced utterances (especially those including slots), you might have to run more explicit tests from the *Manual JSON* tab.
- You can monitor the logs in AWS Cloudwatch to check any error messages logged by the Lambda function. You can also see the output of any log messages your code creates (using `console.log('')`).
- More at Test Your Skill



alexa ask ai history about a fact in artificial intelligence from two thousand five

A driverless robotic car named Stanley, engineered by Sebastian Thrun's Stanford Racing team, sped through the Mojave desert at 22 miles per hour to win the 2005 Darpa Grand Challenge.

AI History

A driverless robotic car named Stanley, engineered by Sebastian Thrun's Stanford Racing team, sped through the Mojave desert at 22 miles per hour to win the

AI History

A driverless robotic car named Stanley,

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NEXT