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1.7: Working with AWS Lambda

```
/* eslint-disable  func-names */

/* eslint-disable  no-console */


const Alexa = require('ask-sdk-core');


const GetNewFactHandler = {
 canHandle(handlerInput) {
  const request = handlerInput.requestEnvelope.request;
  return request.type === 'LaunchRequest'
    || (request.type === 'IntentRequest');
 },
 handle(handlerInput) {
  const factArr = data;
  const factIndex = Math.floor(Math.random() * factArr.length);
  const randomFact = factArr[factIndex];
  const speechOutput = GET_FACT_MESSAGE + randomFact;


  return handlerInput.responseBuilder
   .speak(speechOutput)
   .withSimpleCard(SKILL_NAME, randomFact)
   .getResponse();
```

```
  },
};


const HelpHandler = {
  canHandle(handlerInput) {
    const request = handlerInput.requestEnvelope.request;
    return request.type === 'IntentRequest'
      && request.intent.name === 'AMAZON.HelpIntent';
  },
  handle(handlerInput) {
    return handlerInput.responseBuilder
      .speak(HELP_MESSAGE)
      .reprompt(HELP_REPROMPT)
      .getResponse();
  },
};


const ExitHandler = {
  canHandle(handlerInput) {
    const request = handlerInput.requestEnvelope.request;
    return request.type === 'IntentRequest'
      && (request.intent.name === 'AMAZON.CancelIntent'
        || request.intent.name === 'AMAZON.StopIntent');
  },
  handle(handlerInput) {
    return handlerInput.responseBuilder
      .speak(STOP_MESSAGE)
      .getResponse();
  },
```

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```javascript
};


const SessionEndedRequestHandler = {
  canHandle(handlerInput) {
    const request = handlerInput.requestEnvelope.request;
    return request.type === 'SessionEndedRequest';
  },
  handle(handlerInput) {
    console.log(`Session ended with reason: ${handlerInput.requestEnvelope.request.reason}`);


    return handlerInput.responseBuilder.getResponse();
  },
};


const ErrorHandler = {
  canHandle() {
    return true;
  },
  handle(handlerInput, error) {
    console.log(`Error handled: ${error.message}`);


    return handlerInput.responseBuilder
      .speak('Sorry, an error occurred.')
      .reprompt('Sorry, an error occurred.')
      .getResponse();
  },
};


const SKILL_NAME = 'Haiku Reader';
```

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```javascript
const GET_FACT_MESSAGE = 'I have a haiku for you: ';
const HELP_MESSAGE = 'You can say tell me a haiku...  or, you can say stop... What can I help you with?';
const HELP_REPROMPT = 'You can ask me to tell a haiku or exit to stop. What can I help you with?';
const STOP_MESSAGE = 'Goodbye!';


const data = [
  `The sun is bright.

   Faraway is the

   night.`,


  `The road is straight.

   But so many take

   the hard way.`,


  `I look at the mirror

   and remember

   all those tears.`,


  `VUI arrived with

   prompts to

   save the day.`,


  `Life is a real game.

   Everyone is a

   Performer.`,


  `When your digital twin

   goes to an AI party and

   returns with an attitude.`,
```

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```
  `Words become meaningless,

  when they don't contain

  emotions.`,


  `I'll pursue that dream

  until

  it becomes true.`,


  `Faith in your ability to

  achieve

  is more important than facts`,


  `Envision success

  even if you don't see light

  at the end of the tunnel.`
];


const skillBuilder = Alexa.SkillBuilders.custom();


exports.handler = skillBuilder
  .addRequestHandlers(
    GetNewFactHandler,
    HelpHandler,
    ExitHandler,
    SessionEndedRequestHandler
  )
  .addErrorHandlers(ErrorHandler)
  .lambda();
```