Amazon Lex – Chatbot instructions for Domoticz

Download the code from <https://github.com/madgeni/LexDomoticz>

Open the example\_conf.json file and edit it to include your Domoticz details, and rename it to conf.json

Zip the node\_modules folder, conf.json, index.js, and package.json.

Create a new Lambda – you can use the Blank Template:

Upload the zip file.

In the Configuration tab:

Runtime Node 6.10

Handler: index.handler

Role: Existing role

Existing Role: lambda\_basic\_execution

NO TRIGGERS ARE NEEDED.

Save the lambda.

Then Go to :

<https://console.aws.amazon.com>

locate Lex (under Artificial Intelligence), and click on it.

Create a new Bot – click on ‘Create’

Then click ‘Custom Bot’

Give your Bot a name

In the Output Voice dropdown choose – None – text only

Child-Directed: no

Click on Create

On the next page, you have to create Intents – These are the actions.

Click on Create Intent – then on Create New Intent

For status updates, the intent **must** be called getDeviceStatus

Give it some sample utterances:

How are my devices

What status are my devices

How's the house

Under the Lambda initialization and validation – select the new Lambda you’ve created. Do the same for Fulfillment.

Select None for Goodbye message, then Save the Intent.

Then Build the Bot (Button on the top right). Once done, you can test it – type in ‘How are my devices’ and see what happens!

I don’t have Facebook Messenger – so haven’t tested the integration – but the instructions are here:

<http://docs.aws.amazon.com/lex/latest/dg/fb-bot-association.html#fb-bot-assoc-create-assoc>