alexa-skill Documentation

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alexa-skill is flexible easy-to-use and extensible package for creating Alexa skill responses.

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CHAPTER 2

Installation

Install and update using pip:

```
pip install -U alexa-skill
```

CHAPTER 3

Flask example usage

```
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import logging

from flask import Flask, request, jsonify

import alexa_skill
from alexa_skill.intents import BaseIntents
from alexa_skill.intents import BuildInIntents


app = Flask(__name__)

buildin_intents = BuildInIntents(
    help_message='Say "HI" to us',
```

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```
    not_handled_message="Sorry, I don't understand you. Could you repeat?",
    stop_message='stop',
    cancel_message='cancel'
)


class ExampleIntents(BaseIntents):
    @property
    def mapper(self):
        return {
            'EXAMPLE.hello': self.hello,
        }

    def hello(self):
        return self.response('Hello. Nice to meet you.'), True


@app.route("/v1/alexa/fulfiller", methods=['POST'])
def fulfiller():
    get_response = alexa_skill.Processor(
        request.json,
        buildin_intents,
        'Welcome to Alexa skill bot',
        'Good bye',
        ExampleIntents(),
    )
    json_response, handled = get_response()

    logging.info('Response was handled by system: {}'.format(handled))

    return jsonify(json_response)
```

CHAPTER 4

Falcon example usage

```
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# THE SOFTWARE.
import logging

import falcon

import alexa_skill
from alexa_skill.intents import BaseIntents
from alexa_skill.intents import BuildInIntents
from alexa_skill import dates


class ExampleIntents(BaseIntents):
    @property
    def mapper(self):
```

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```
        return {
            'EXAMPLE.hello': self.hello,
            'EXAMPLE.date_intent': self.date_intent,
        }

    def hello(self):
        return self.response('Hello. Nice to meet you.'), True

    def date_intent(self, slots=None):

        date, date_type = dates.AmazonDateParser.to_date(slots['dateslot']['value'])

        text = "Your date is <say-as interpret-as='date'>{}</say-as> and it is a {}".
↪format(
            date.strftime('%Y%m%d'),
            date_type
        )

        return self.response(text), True


buildin_intents = BuildInIntents(
    help_message='Say "HI" to us',
    not_handled_message="Sorry, I don't understand you. Could you repeat?",
    stop_message='stop',
    cancel_message='cancel'
)


class Fulfiller(object):
    def on_post(self, req, resp):
        get_response = alexa_skill.Processor(
            req.media,
            buildin_intents,
            'Welcome to Alexa skill bot',
            'Good bye',
            ExampleIntents(),
        )
        json_response, handled = get_response()

        logging.info('Response was handled by system: {}'.format(handled))

        resp.media = json_response


app = falcon.API(media_type=falcon.MEDIA_JSON)
app.add_route('/v1/alexa/fulfiller', Fulfiller())
```

CHAPTER 5

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