

Hello World

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1. 仕様

2. 設計

2.1. TODOリスト

- ☐ TODO
- ☒ ~~TODO-DONE~~

2.2. ユースケース図



2.3. クラス図



2.4. シーケンス図



3. 実装

```

/* eslint-disable no-console */

const axios = require('axios');

const url = 'http://checkip.amazonaws.com/';
let response;

exports.lambda_handler = async (event, context, callback) => {
  try {
    const ret = await axios(url);
    response = {
      statusCode: 200,
      body: JSON.stringify({
        message: 'Hello Node.js lambda world',
        location: ret.data.trim(),
      }),
      headers: {
        'Content-Type': 'application/json',
        'Access-Control-Allow-Origin': '*',
      },
    };
  } catch (err) {
    console.log(err);
    callback(err, null);
  }

  callback(null, response);
};

```

```
/* eslint-disable prefer-destructuring,no-unused-vars,no-shadow */

const chai = require('chai');
const app = require('../..../app.js');

const expect = chai.expect;
let event; let
  context;

describe('Tests index', () => {
  it('verifies successful response', async () => {
    const result = await app.lambda_handler(event, context, (err, result) => {
      expect(result).to.be.an('object');
      expect(result.statusCode).to.equal(200);
      expect(result.body).to.be.an('string');

      const response = JSON.parse(result.body);

      expect(response).to.be.an('object');
      expect(response.message).to.be.equal('Hello Node.js lambda world');
      expect(response.location).to.be.an('string');
    });
  });
});
```

4. 参照

- PlantUML[<http://plantuml.com>]