

Local Dynamodb Docker

Drive Link : [sls_twilio_api - Copy.zip](#)

Installation

Steps :

1. Setting Up AWS credentials & Installing Docker

```
1. /bin/bash -c "$(curl -fsSL
https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"
2. brew install awscli
   # ignore this step if aws is already configured
3. aws configure (You will be prompted to enter your AWS Access Key ID, Secret Access Key,
default region, and output format)
   AWS Access Key ID [None]: YOUR_ACCESS_KEY_ID
   AWS Secret Access Key [None]: YOUR_SECRET_ACCESS_KEY
   Default region name [None]: YOUR_REGION
   Default output format [None]: json

   # install docker
4. brew install docker-compose
5. brew install docker
6. brew install colima
7. colima start
8. docker ps -a
```

2. Clone the repo

```
git clone https://github.com/igoralves1/sls_twilio_api.git
```

3. Checkout to docker-local-dynamo branch

```
git checkout docker-local-dynamo
```

4. Installed Required Packages

```
npm install
```

5. Run the serverless offline

```
sls offline start
```

6. In another terminal run start docker - Run the Dynamo locally (docker compose up)

```
docker-compose up
```

Tables

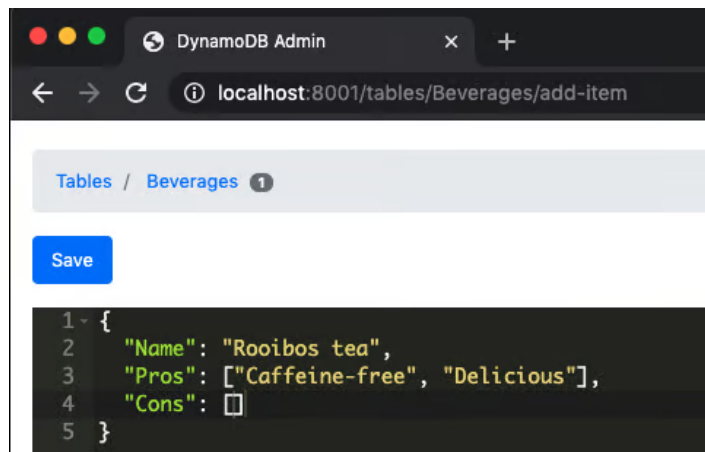
1. Install dynamodb-admin

```
npm install -g dynamodb-admin
```

2. Use:

- a. Open a new terminal window, and execute `dynamodb-admin`
- b. Go to `localhost:8001`

3. Create a new item in a table with GUI



4. Create Table From CLI

```
aws dynamodb create-table --table-name posts-table-dev --attribute-definitions  
AttributeName=postId,AttributeType=S --key-schema AttributeName=postId,KeyType=HASH  
--provisioned-throughput ReadCapacityUnits=1,WriteCapacityUnits=1 --endpoint-url  
http://localhost:8000
```

5. Delete Table From CLI

```
aws dynamodb delete-table --table-name posts-table-dev --endpoint-url  
http://localhost:8000
```

6. List Tables

```
aws dynamodb list-tables --endpoint-url http://localhost:8000
```

7. Curl Commands

```
GET
```

```
curl -X GET http://localhost:3000/dev/post/12
```

POST

```
curl -X POST 'http://localhost:3000/dev/post' --header 'Accept: */*' --header 'Content-Type: application/json' --data-raw '{"postId": "12"}'
```

Body :

```
{  
  "postId": "12"  
}
```

Extension Used in VSCode

ThunderClient