-------------- List all the tables -----------------

dynamodb.listTables({Limit: 10}, function(err, data) {

if (err) {

console.log("Error", err.code);

} else {

console.log("Table names are ", data.TableNames);

}

});

---------------------------------------------------------------------------------------------------------------------------

var params = {

TableName : "Movies",

KeySchema: [

{ AttributeName: "year", KeyType: "HASH"}, //Partition key

{ AttributeName: "title", KeyType: "RANGE" } //Sort key

],

AttributeDefinitions: [

{ AttributeName: "year", AttributeType: "N" },

{ AttributeName: "title", AttributeType: "S" }

],

ProvisionedThroughput: {

ReadCapacityUnits: 10,

WriteCapacityUnits: 10

}

};

dynamodb.createTable(params, function(err, data) {

if (err) {

console.error("Unable to create table. Error JSON:", JSON.stringify(err, null, 2));

} else {

console.log("Created table. Table description JSON:", JSON.stringify(data, null, 2));

}

});

---------------------------------------------------------------------------------------------------------------------------

Add a item

var table = "Movies";

var year = 2015;

var title = "The Big New Movie";

var params = {

TableName:table,

Item:{

"year": year,

"title": title,

"info":{

"plot": "Nothing happens at all.",

"rating": 0

}

}

};

console.log("Adding a new item...");

docClient.put(params, function(err, data) {

if (err) {

console.error("Unable to add item. Error JSON:", JSON.stringify(err, null, 2));

} else {

console.log("Added item:", JSON.stringify(data, null, 2));

}

});

---------------------------------------------------------------------------------------------------------------------------

var table = "Movies";

var year = 2015;

var title = "The Big New Movie";

var params = {

TableName: table,

Key:{

"year": year,

"title": title

}

};

docClient.get(params, function(err, data) {

if (err) {

console.error("Unable to read item. Error JSON:", JSON.stringify(err, null, 2));

} else {

console.log("GetItem succeeded:", JSON.stringify(data, null, 2));

}

});

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