

Getting Started with Amazon DynamoDB

Query and Manage DynamoDB Tables Using Python

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Introducing the Presenters




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Episode Plan



Create Your First Table Using
the DynamoDB Console

Query and Manage DynamoDB
Tables Using Python

Model a DynamoDB Database
for a Gaming Application

Model a DynamoDB Database
for a Mobile App

Build a Modern, Serverless Application

CLI, APIs, SDKs

The following examples show different ways that you can use command completion:

- Partially enter a command and press **Tab** to display a suggested list of commands.

```
$ aws dynamodb dTAB
datapipeline    deploy          dlm             dynamodb
datasync        devicefarm     dms             dynamodbstreams
dax             directconnect  docdb
ddb            discovery      ds
```

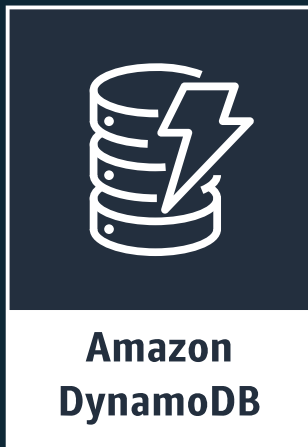
- Partially enter a parameter and press **Tab** to display a suggested list of parameters.

```
$ aws dynamodb db delete-table --TAB
--ca-bundle          --endpoint-url      --profile
--cli-connect-timeout --generate-cli-skeleton --query
--cli-input-json     --no-paginate       --region
--cli-read-timeout  --no-sign-request   --table-name
--color             --no-verify-ssl     --version
--debug             --output
```

- Enter a parameter and press **Tab** to display a suggested list of resource values. This feature is available only in the AWS CLI version 2.

```
$ aws dynamodb db delete-table --table-name TAB
Table 1                Table 2                Table 3
```

CLI, APIs, SDKs



Data Operations

PutItem

GetItem

UpdateItem

DeleteItem

BatchWriteItem

BatchGetItem

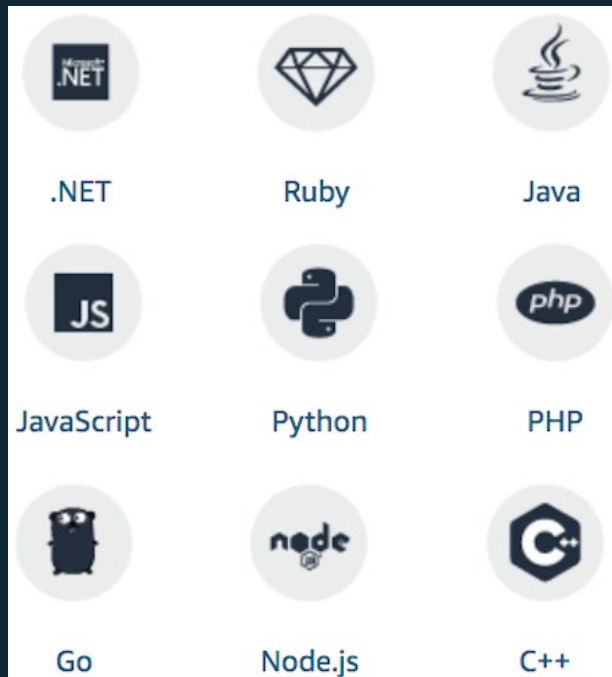
Query

Scan

TransactWriteItems

TransactGetItems

CLI, APIs, SDKs



Language-specific SDKs provide a richer development experience around the low-level APIs.

Today we'll work with the Python SDK: boto3

Application Background and Test Environment

Inserting and Retrieving Data

Querying and Global Secondary Indexes

Updating Items

Cleanup and Questions

Tune in next time...

Model a DynamoDB Database
for a Gaming Application

