Developer Guide for CDK Project In Java

Cdk docs: <https://docs.aws.amazon.com/cdk/api/latest/java/index.html>

Installation

1. Java
2. [Maven](https://maven.apache.org/download.cgi)
3. [Nodejs](https://nodejs.org/en/)
4. [AWS CLI](https://docs.aws.amazon.com/cli/v1/userguide/install-windows.html)
5. AWS-CDK.

Installation command: $ *npm i -g aws-cdk*.

Main Stack File

In the project root directory we have the main file src/main/java/com/myorg/ServerlessAppJavaStack.java where the whole stack is defined.

Note

The Lambda functions used in this project is based on JavaScript which can be found in the lambdas directory. Kindly consider this [article](https://aws.amazon.com/blogs/opensource/packaging-and-deploying-aws-lambda-functions-written-in-java-with-aws-cloud-development-kit/) to create Lambda functions in Java and for code references follow this [project](https://github.dev/aws-samples/cdk-lambda-packaging-java).

Deployment

1. Go to the project root directory.
2. Run the following command for deployment:

$ *mvn package && cdk deploy*

1. In order to delete the whole stack run:

*$ cdk destroy*