Git History

```
06b67fc - Jaren Glenn @ 89 seconds ago : fixed environment variables
2b8a5e7 - Jaren Glenn @ 10 minutes ago : widget queue name environment variable
f4772c1 - Jaren Glenn @ 18 minutes ago : removed breakpoint and deployed
4d5af3a - Jaren Glenn @ 3 hours ago : RequestHandler
4ce89c8 - Jaren Glenn @ 3 hours ago : send messages to queue
48f4995 - Jaren Glenn @ 3 hours ago : validate widgets
c8936c1 - Jaren Glenn @ 27 hours ago : initial commit hw4
```

Lambda Function

Create Request

Log output

The section below shows the logging calls in your code. Click here to view the corresponding CloudWatch log group.

```
        START Requestld: d971b143-e4a3-4508-a1a5-7c1feb3c38a4 Version: $LATEST
        Received event

        [INFO]
        2022-11-21T02:21:35.000Z
        d971b143-e4a3-4508-a1a5-7c1feb3c38a4
        Validating: e80fab52-71a5-4a76-8c4d-11b66b83ca2a

        [INFO]
        2022-11-21T02:21:35.000Z
        d971b143-e4a3-4508-a1a5-7c1feb3c38a4
        Validating: e80fab52-71a5-4a76-8c4d-11b66b83ca2a

        [INFO]
        2022-11-21T02:21:35.41ZZ
        d971b143-e4a3-4508-a1a5-7c1feb3c38a4
        Found credentials in environment variables.

        [INFO]
        2022-11-21T02:21:36.23ZZ
        d971b143-e4a3-4508-a1a5-7c1feb3c38a4
        Connected to SQS queue: c5260-requests

        [INFO]
        2022-11-21T02:21:36.23ZZ
        d971b143-e4a3-4508-a1a5-7c1feb3c38a4
        Sent create widget (8123f304-f23f-440b-a6d3-80e979fa4cd6) to queue: c5260-requests

        REPORT Requestid: d971b143-e4a3-4508-a1a5-7c1feb3c38a4
        Duration: 1332.07 ms
        Billed Duration: 1333 ms
        Memory Size: 128 MB Max Memory Used: 62 MB Init Duration: 587.27 ms
```

Delete Request

Log output

The section below shows the logging calls in your code. Click here to view the corresponding CloudWatch log group.

Update Request

Log output

The section below shows the logging calls in your code. Click here to view the corresponding CloudWatch log group.

```
START Requestld: 9ef65790-ef22-4bd8-b2dc-ba6ea271105f Version: $LATEST

[INFO] 2022-11-21T02:23:10.727Z 9ef65790-ef22-4bd8-b2dc-ba6ea271105f

[INFO] 2022-11-21T02:23:10.727Z 9ef65790-ef22-4bd8-b2dc-ba6ea271105f

[INFO] 2022-11-21T02:23:11.016Z 9ef65790-ef22-4bd8-b2dc-ba6ea271105f

[INFO] 2022-11-21T02:23:11.071Z 9ef65790-ef22-4bd8-b2dc-ba6ea271105f

REPORT Requestld: 9ef65790-ef22-4bd8-b2dc-ba6ea271105f

REPORT Requestld: 9ef65790-ef22-4bd8-b2dc-ba6ea271105f

Duration: 383.07 ms

Billed Duration: 384 ms

Memory Size: 128 MB Max Memory Used: 62 MB
```

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REST API

Create Request

```
Make a test call to your method. When you make a test call, API Gateway skips authorization and directly invokes your method
                                                                                                                                                                        Request: /
                                                                                                                                                                        Status: 200
 No path parameters exist for this resource. You can define path parameters by using the syntax
{myPathParam} in a resource path.
                                                                                                                                                                        Latency: 2807 ms
                                                                                                                                                                        Response Body
Query Strings
No query string parameters exist for this method. You can add them via Method Request.
                                                                                                                                                                          null
                                                                                                                                                                        Response Headers
                                                                                                                                                                           {"Content-Type":["application/json"],"X-Amzn-Trace-Id":["Root=1-637ae68e-e5bc2ab76cb0785f6073de3f;Sampled=0"]}
No header parameters exist for this method. You can add them via Method Request.
Stage Variables
                                                                                                                                                                        Logs
No Stage variables exist for this method.
                                                                                                                                                                          Execution log for request f50833c5-1592-4ec4-9416-1fe59821fae6
Mon Nov 21 02:46:38 UTC 2022 : Starting execution for request: f50833c5-1592-4ec4-9416-1fe59821fae6
Mon Nov 21 02:46:38 UTC 2022 : HTP Method: POST, Resource Path: /
Mon Nov 21 02:46:38 UTC 2022 : Method request path: {}
Mon Nov 21 02:46:38 UTC 2022 : Method request query string: {}
Mon Nov 21 02:46:38 UTC 2022 : Method request hadres: {}
Mon Nov 21 02:46:38 UTC 2022 : Method request hadres: {}
Mon Nov 21 02:46:38 UTC 2022 : Method request hadres: {}

Won Nov 21 02:46:38 UTC 2022 : Method request hadres: {}

"Type": "Create".
Request Body
                "type": "create",
"requestId": "e88fab52-7135-4a76-8c4d-11b66b83ca2a"
"requestId": "e88fab52-7135-4a76-8c4d-11b66b83ca2a"
"idqetId": "322f3a4-f235-446b-a6d3-8e979fa4c46",
"omers": "Mary Matthews",
"description": "IMBRWNGPYNBHGROUXIOMCOXIVNDLWDIQTI.
CMHMISSENSOZIEGGINKPUYNBWQNQI",
"otherAttributes": [
                                                                                                                                                                                "type": "create",
"requestId": "e80fab52-71a5-4a76-8c4d-11b66b83ca2a"
"widgetId": "8123f304-f23f-440b-a6d3-80e979fa4cd6",
                                                                                                                                                                                 "owner": "Mary Matthews",
"label": "JWJYY",
                        "name": "width-unit",
"value": "cm"
                                                                                                                                                                                 "description": "THBRNVNQPYAWNHGRGUKIOWCKXIVNDLWOIQTADHVEVMUAJWDONEPUEAXDITDSHJTDLCMHHSESFXSDZJCBLGIKKPUYAWK
                                                                                                                                                                                 otherAttributes": [
                                                                                                                                                                                  {
    "name": "width-unit",
    "value": "cm"
                                                                                                                                                                                       "name": "length-unit",
"value": "cm"
                                                                                                                                           4 Test
```

Delete Request

```
← Method Execution / - POST - Method Test
      Make a test call to your method. When you make a test call, API Gateway skips authorization and directly invokes your method
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Status: 200
      No path parameters exist for this resource. You can define path parameters by using the syntax {myPathParam} in a resource path.
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Response Body
      Query Strings
      No query string parameters exist for this method. You can add them via Method Request.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                nu11
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Response Headers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  \label{thm:content-Type} \endaligned \begin{tabular}{llll} \begin{tabular}{lllll} & \begin{tabular}{llllll} & \begin{tabular}{lllll} & \begin{t
        Stage Variables
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Logs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Execution log for request 410c4da9-9d31-4c77-9f09-cecfba902b43

Mon Nov 21 02:48:07 UTC 2022 : Starting execution for request: 410c4da9-9d31-4c77-9f09-cecfba902b43

Mon Nov 21 02:48:07 UTC 2022 : HTTP Method: POST, Resource Path: /

Mon Nov 21 02:48:07 UTC 2022 : Method request path: {}

Mon Nov 21 02:48:07 UTC 2022 : Method request path: {}

Mon Nov 21 02:48:07 UTC 2022 : Method request paths: {}

Mon Nov 21 02:48:07 UTC 2022 : Method request baders: {}

Mon Nov 21 02:48:07 UTC 2022 : Method request baders: {}

**Vpe*: "delete",

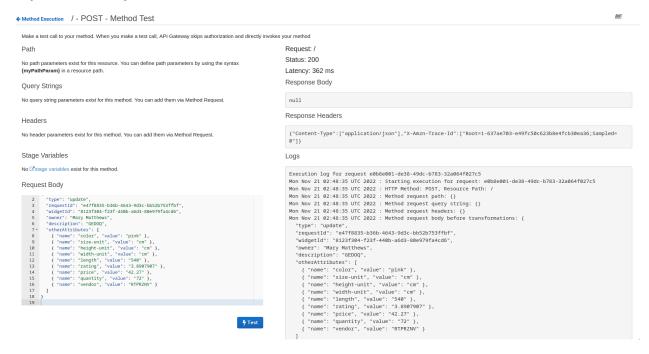
**requestId": "123/5379-783e-4a50-b388-9c4a2251e74c",

**widgetId": "8123/f304-f23f-440b-a6d3-80e979fa4cd6",

**owner": "Mary Matthews" }

**J
      No stage variables exist for this method.
          Request Body
                                           "type": "delete",
"requestid": "1234579-783e-4a50-b388-9c4a2251e74c",
"xidgetid": "81237634-f23f-440b-a6d3-80e979fa4cd6",
"owner": "Mary Matthews"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Mon Nov 21 02:48:07 UTC 2022: Endpoint request URI: https://lambda.us-east-1.amazonaws.com/2015-03-31/functi
ons/azn:aws:lambda:us-east-1:982170434560:function:widget-request-function/invocations
Mon Nov 21 02:48:07 UTC 2022: Endpoint request headers: (X-Amz-Date=20221217024807Z, X-amzn-apigateway-api-
idalTrup0yek/A, Accept=application/json, User-Agent-ManazonAPIGateway-lrup0yek/A, Host=lambda.us-east-1.amazona
ws.com, X-Amz-Content-Sha256=342fcb5ecd96e278da2729blad591ae95e7963875460396290107c1668463744, X-Amzn-Trace-I
d=Root=1-637ae60f-7-5ce6957b59b7ebf88cc65eab, X-amzn-lambda-integration-tag=410c4da9-0d31-4c77-9f09-cecfba992b4
3, Authorization=
                                                                                                                                                                                                                                                                                                                                                                               ∮ Test
```

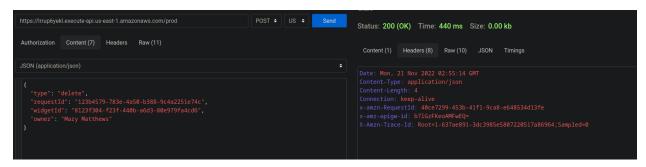
Update Request



Reqbin

Create Request

Delete Request



Update Request

