

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 RequestId: d971b143-e4a3-4508-a1a5-7c1feb3c38a4 Version: $LATEST
[INFO] 2022-11-21T02:21:34.999Z d971b143-e4a3-4508-a1a5-7c1feb3c38a4 Received event
[INFO] 2022-11-21T02:21:35.000Z d971b143-e4a3-4508-a1a5-7c1feb3c38a4 Validating: e80fab52-71a5-4a76-8c4d-11b66b83ca2a
[INFO] 2022-11-21T02:21:35.412Z d971b143-e4a3-4508-a1a5-7c1feb3c38a4 Found credentials in environment variables.
[INFO] 2022-11-21T02:21:36.232Z d971b143-e4a3-4508-a1a5-7c1feb3c38a4 Connected to SQS queue: cs5260-requests
[INFO] 2022-11-21T02:21:36.291Z d971b143-e4a3-4508-a1a5-7c1feb3c38a4 Sent create widget (8123f304-f23f-440b-a6d3-80e979fa4cd6) to queue: cs5260-requests
END RequestId: d971b143-e4a3-4508-a1a5-7c1feb3c38a4
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.

```
START RequestId: 1a58995c-9754-4a00-a245-81afaa36a1c4 Version: $LATEST
[INFO] 2022-11-21T02:22:47.381Z 1a58995c-9754-4a00-a245-81afaa36a1c4 Received event
[INFO] 2022-11-21T02:22:47.381Z 1a58995c-9754-4a00-a245-81afaa36a1c4 Validating: 123b4579-783e-4a50-b388-9c4a2251e74c
[INFO] 2022-11-21T02:22:47.652Z 1a58995c-9754-4a00-a245-81afaa36a1c4 Connected to SQS queue: cs5260-requests
[INFO] 2022-11-21T02:22:47.711Z 1a58995c-9754-4a00-a245-81afaa36a1c4 Sent delete widget (8123f304-f23f-440b-a6d3-80e979fa4cd6) to queue: cs5260-requests
END RequestId: 1a58995c-9754-4a00-a245-81afaa36a1c4
REPORT RequestId: 1a58995c-9754-4a00-a245-81afaa36a1c4 Duration: 369.41 ms Billed Duration: 370 ms Memory Size: 128 MB Max Memory Used: 62 MB
```

Update Request

Log output

The section below shows the logging calls in your code. [Click here](#) to view the corresponding CloudWatch log group.

```
START RequestId: 9ef65790-ef22-4bd8-b2dc-ba6ea271105f Version: $LATEST
[INFO] 2022-11-21T02:23:10.727Z 9ef65790-ef22-4bd8-b2dc-ba6ea271105f Received event
[INFO] 2022-11-21T02:23:10.727Z 9ef65790-ef22-4bd8-b2dc-ba6ea271105f Validating: e47f8835-b36b-4643-9d3c-bb52b753ffbf
[INFO] 2022-11-21T02:23:11.016Z 9ef65790-ef22-4bd8-b2dc-ba6ea271105f Connected to SQS queue: cs5260-requests
[INFO] 2022-11-21T02:23:11.071Z 9ef65790-ef22-4bd8-b2dc-ba6ea271105f Sent update widget (8123f304-f23f-440b-a6d3-80e979fa4cd6) to queue: cs5260-requests
END RequestId: 9ef65790-ef22-4bd8-b2dc-ba6ea271105f
REPORT RequestId: 9ef65790-ef22-4bd8-b2dc-ba6ea271105f Duration: 383.07 ms Billed Duration: 384 ms Memory Size: 128 MB Max Memory Used: 62 MB
```

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

Path

No path parameters exist for this resource. You can define path parameters by using the syntax **{myPathParam}** in a resource path.

Query Strings

No query string parameters exist for this method. You can add them via Method Request.

Headers

No header parameters exist for this method. You can add them via Method Request.

Stage Variables

No [Stage variables](#) exist for this method.

Request Body

```
1 {
2   "type": "create",
3   "requestId": "e80fab52-71a5-4a76-8c4d-11b66b83ca2a",
4   "widgetId": "8123f304-f23f-440b-a6d3-80e979fa4cd6",
5   "owner": "Mary Matthews",
6   "label": "JWJYY",
7   "description": "THBRNVNQPYPAMHGRGUKIOWCKXIVNDLWOIQTAHVEMVUAJWDONEPUEAXDITDSHJTDLCMHSESFXSJZJCBLGIKKPUYANKQAQI",
8   "otherAttributes": [
9     {
10      "name": "width-unit",
11      "value": "cm"
12     },
13     {
14      "name": "length-unit",
15      "value": "cm"
16     },
17   ]
18 }
```

[Test](#)

Request: /

Status: 200

Latency: 2807 ms

Response Body

```
null
```

Response Headers

```
{"Content-Type":["application/json"],"X-Amzn-Trace-Id":["Root=1-637ae68e-e5bc2ab76cb0785f6073de3f;Sampled=0"]}
```

Logs

```
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 : HTTP 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 headers: {}
Mon Nov 21 02:46:38 UTC 2022 : Method request body before transformations: {
  "type": "create",
  "requestId": "e80fab52-71a5-4a76-8c4d-11b66b83ca2a",
  "widgetId": "8123f304-f23f-440b-a6d3-80e979fa4cd6",
  "owner": "Mary Matthews",
  "label": "JWJYY",
  "description": "THBRNVNQPYPAMHGRGUKIOWCKXIVNDLWOIQTAHVEMVUAJWDONEPUEAXDITDSHJTDLCMHSESFXSJZJCBLGIKKPUYANKQAQI",
  "otherAttributes": [
    {
      "name": "width-unit",
      "value": "cm"
    },
    {
      "name": "length-unit",
      "value": "cm"
    }
  ]
}
```

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

Path

No path parameters exist for this resource. You can define path parameters by using the syntax **{myPathParam}** in a resource path.

Query Strings

No query string parameters exist for this method. You can add them via Method Request.

Headers

No header parameters exist for this method. You can add them via Method Request.

Stage Variables

No [Stage variables](#) exist for this method.

Request Body

```
1 {
2   "type": "delete",
3   "requestId": "123b4579-783e-4a50-b388-9c4a2251e74c",
4   "widgetId": "8123f304-f23f-440b-a6d3-80e979fa4cd6",
5   "owner": "Mary Matthews"
6 }
7
```

[Test](#)

Request: /

Status: 200

Latency: 359 ms

Response Body

```
null
```

Response Headers

```
{"Content-Type":["application/json"],"X-Amzn-Trace-Id":["Root=1-637ae6e7-5ce6e57b59b7ebf88cc65eab;Sampled=0"]}
```

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 query string: {}
Mon Nov 21 02:48:07 UTC 2022 : Method request headers: {}
Mon Nov 21 02:48:07 UTC 2022 : Method request body before transformations: {
  "type": "delete",
  "requestId": "123b4579-783e-4a50-b388-9c4a2251e74c",
  "widgetId": "8123f304-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/functions/arn: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=20221121T024807Z, x-amzn-apigateway-api-id=lrupdyek1, Accept=application/json, User-Agent=AmazonAPIGateway_lrupdyek1, Host=lambda.us-east-1.amazonaws.com, X-Amz-Content-Sha256=342fcb5ecd96e278da2729blad591ae95e7963875460396298107c1668463744, X-Amzn-Trace-Id=Root=1-637ae6e7-5ce6e57b59b7ebf88cc65eab, x-amzn-lambda-integration-tag=410c4da9-9d31-4c77-9f09-cecfba902b43, Authorization=)
*****
```

Update 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

Path

No path parameters exist for this resource. You can define path parameters by using the syntax **{myPathParam}** in a resource path.

Query Strings

No query string parameters exist for this method. You can add them via Method Request.

Headers

No header parameters exist for this method. You can add them via Method Request.

Stage Variables

No [stage variables](#) exist for this method.

Request Body

```
2  { "type": "update",
3    "requestId": "e47f8835-b36b-4643-9d3c-bb52b753ffbfb",
4    "widgetId": "8123f304-f23f-440b-a6d3-80e979fa4cd6",
5    "owner": "Mary Matthews",
6    "description": "GED0Q",
7    "otherAttributes": [
8      { "name": "color", "value": "pink" },
9      { "name": "size-unit", "value": "cm" },
10     { "name": "height-unit", "value": "cm" },
11     { "name": "width-unit", "value": "cm" },
12     { "name": "length", "value": "540" },
13     { "name": "rating", "value": "3.8907907" },
14     { "name": "price", "value": "42.27" },
15     { "name": "quantity", "value": "72" },
16     { "name": "vendor", "value": "RTPRZNV" }
17   ]
18 }
19 
```

Request: /

Status: 200

Latency: 362 ms

Response Body

null

Response Headers

{ "Content-Type": ["application/json"], "X-Amzn-Trace-Id": ["Root=1-637ae703-e49fc50c623b8e4fcb30ea36;Sampled=0"] }

Logs

Execution log for request e0b8e001-de38-49dc-b783-32a064f027c5
Mon Nov 21 02:48:35 UTC 2022 : Starting execution for request: e0b8e001-de38-49dc-b783-32a064f027c5
Mon Nov 21 02:48:35 UTC 2022 : HTTP Method: POST, Resource Path: /
Mon Nov 21 02:48:35 UTC 2022 : Method request path: {}
Mon Nov 21 02:48:35 UTC 2022 : Method request query string: {}
Mon Nov 21 02:48:35 UTC 2022 : Method request headers: {}
Mon Nov 21 02:48:35 UTC 2022 : Method request body before transformations: {
 "type": "update",
 "requestId": "e47f8835-b36b-4643-9d3c-bb52b753ffbfb",
 "widgetId": "8123f304-f23f-440b-a6d3-80e979fa4cd6",
 "owner": "Mary Matthews",
 "description": "GED0Q",
 "otherAttributes": [
 { "name": "color", "value": "pink" },
 { "name": "size-unit", "value": "cm" },
 { "name": "height-unit", "value": "cm" },
 { "name": "width-unit", "value": "cm" },
 { "name": "length", "value": "540" },
 { "name": "rating", "value": "3.8907907" },
 { "name": "price", "value": "42.27" },
 { "name": "quantity", "value": "72" },
 { "name": "vendor", "value": "RTPRZNV" }
]
}

Test

Reqbin

Create Request

https://lrup6yekl.execute-api.us-east-1.amazonaws.com/prod

POST

US

Send

Status: 200 (OK) Time: 442 ms Size: 0.00 kb

Authorization

Content (27)

Headers

Raw (31)

Content (1)

Headers (8)

Raw (10)

JSON

Timings

JSON (application/json)

```
{
  "type": "create",
  "requestId": "e80fab52-71a5-4a76-8c4d-11b66b83ca2a",
  "widgetId": "8123f304-f23f-440b-a6d3-80e979fa4cd6",
  "owner": "Mary Matthews",
  "label": "JWJYY",
  "description": "THBRNVNQPYAWNHGRGUKIOWCKXIVNDLWOIQTAHVVEVWUAJNDONEPUEAXDITDSHJTDLCMH#HSEFXSDZ",
  "otherAttributes": [
    {
      "name": "width-unit",
      "value": "cm"
    },
    {
      "name": "length-unit",
      "value": "cm"
    },
    {
      "name": "rating",
      "value": "2.588677"
    },
    {
      "name": "note",
      "value": "FEGYXHIJCTYNUMMG7BEIDLKXYFHFVLDVYZRNWUDQAKQSVFLPRJTJTXARVEIFDOLTUSWZZWYVERNPPPOE"
    }
  ]
}
```

Date: Mon, 21 Nov 2022 02:51:20 GMT

Content-Type: application/json

Content-Length: 4

Connection: keep-alive

x-amzn-RequestId: f63a97c9-9d20-4c6f-a8a7-6f9f28275946

x-amz-apigw-id: b7kiVH5doAMFtkA=

X-Amzn-Trace-Id: Root=1-637ae7a8-050b1c755b55582961d69d9a;Sampled=0

Delete Request

The screenshot shows a REST client interface with the following details:

- URL:** `https://lrup6yekl.execute-api.us-east-1.amazonaws.com/prod`
- Method:** POST (dropdown menu)
- Region:** US (dropdown menu)
- Buttons:** POST, US, Send
- Status:** 200 (OK) Time: 440 ms Size: 0.00 kb
- Content-Type:** application/json
- Request Body (JSON):**

```
{  "type": "delete",  "requestId": "123b4579-783e-4a50-b388-9c4a2251e74c",  "widgetId": "8123f304-f23f-440b-a6d3-80e979fa4cd6",  "owner": "Mary Matthews"}
```
- Response Headers:**
 - Date: Mon, 21 Nov 2022 02:55:14 GMT
 - Content-Type: application/json
 - Content-Length: 4
 - Connection: keep-alive
 - x-amzn-RequestId: 48ce7299-453b-41f1-9ca8-e648534d13fe
 - x-amz-apigw-id: b71GzFKeoAMFwEQ=
 - X-Amzn-Trace-Id: Root=1-637ae891-3dc3985e5807228517a86964;Sampled=0

Update Request

The screenshot shows a REST client interface with the following details:

- URL:** `https://lrup6yekl.execute-api.us-east-1.amazonaws.com/prod`
- Method:** POST (dropdown menu)
- Region:** US (dropdown menu)
- Buttons:** POST, US, Send
- Status:** 200 (OK) Time: 415 ms Size: 0.00 kb
- Content-Type:** application/json
- Request Body (JSON):**

```
{  "type": "update",  "requestId": "e47f8835-b36b-4643-9d3c-bb52b753ffbf",  "widgetId": "8123f304-f23f-440b-a6d3-80e979fa4cd6",  "owner": "Mary Matthews",  "description": "GED00",  "otherAttributes": [    { "name": "color", "value": "pink" },    { "name": "size-unit", "value": "cm" },    { "name": "height-unit", "value": "cm" },  ]}
```
- Response Headers:**
 - Date: Mon, 21 Nov 2022 02:56:32 GMT
 - Content-Type: application/json
 - Content-Length: 4
 - Connection: keep-alive
 - x-amzn-RequestId: 17172cd0-6a88-42a4-b4d5-1f4cf74a4ac7
 - x-amz-apigw-id: b71THECXoAMF8pQ=
 - X-Amzn-Trace-Id: Root=1-637ae8e0-483a11f372294af41e64a0856;Sampled=0