

## # fuego-de-quasar by Paula

Se puede ejecutar el programa con los siguientes datos:

```
★ Api Url: https://geyc73n98h.execute-api.us-east-2.amazonaws.com/default/topsecret <br>
★ Método: POST
★ Body:
{
  "satellites": [
    {
      "name": "kenobi",
      "distance": 100.0,
      "message": [ "este", "", "", "mensaje", "" ]
    },
    {
      "name": "skywalker",
      "distance": 115.5,
      "message": [ "", "es", "", "", "secreto" ]
    },
    {
      "name": "sato",
      "distance": 142.7,
      "message": [ "este", "", "un", "", "" ]
    }
  ]
}
```

Para obtener el 404 es necesario "borrar" alguna de las palabras de los mensajes. No logré que falle por no encontrar coordenadas, las encuentra siempre.

### Notas

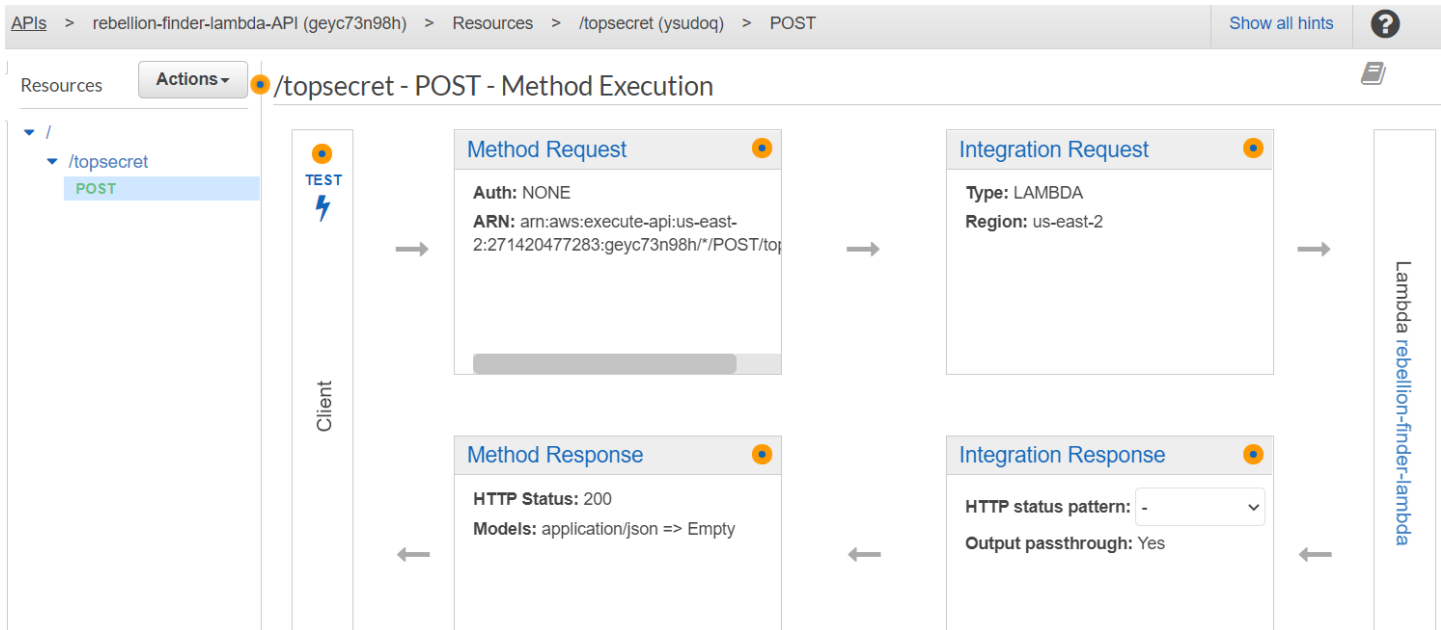
- Para hallar las coordenadas de la nave emisora del mensaje utilicé una librería que resuelve problemas de trilateración. Siempre encuentra una respuesta con ciertos parámetros de proximidad que no tuve en cuenta en mi algoritmo. Dejo el link a la librería: <https://github.com/lemmingapex/trilateration>
- Utilicé un lambda de AWS y un API Gateway.
- No llegué a hacer lo que pedía el nivel 3.
- No logré hacer andar bien el logger así que lo saqué. Había usado algo así: `private static final Logger log = LoggerFactory.getLogger(ClaseALaQuePertenece.class);`

Lambda cuyo handler es: `org.rebellion.finder.handler.FinderHandler::handleRequest`

The screenshot shows the AWS Lambda console interface for a function named 'rebellion-finder-lambda'. At the top, there are navigation links for 'Lambda', 'Functions', and the specific function name. On the right, there are buttons for 'Throttle', 'Copy ARN', and 'Actions'. The main section is titled 'Function overview' and contains a card for the function itself, showing its icon, name, and a 'Layers' section with '(0)' layers. Below this, there is a section for 'API Gateway' with '(3)' triggers and an 'Add trigger' button. To the right of the function card, there is a 'Description' field (empty), a 'Last modified' timestamp of '3 hours ago', and a 'Function ARN' field with the value 'arn:aws:lambda:us-east-2:271420477283:function:rebellion-finder-lambda'. An 'Add destination' button is also visible.

API Gateway

Relacionada al lambda de más arriba



Mapeo con la respuesta 404

Resources Actions ▾

Method Execution /topsecret - POST - Integration Response

First, declare response types using [Method Response](#). Then, map the possible responses from the backend to this method's response types.

	Lambda Error Regex	Method response status	Output model	Default
▶	-	200		Yes
▶	.*status:404.*	404		No

+ Add integration response

Respuesta 200 (en Postman)

POST https://geyc73n98h.execute-api.us-east-2.amazonaws.com/default/topsecret

Send Save

Params Authorization Headers (8) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

Beautify

```
1 {
2   "satellites": [
3     {
4       "name": "kenobi",
5       "distance": 100.0,
6       "message": [ "este", "", "", "mensaje", "" ]
7     },
8     {
9       "name": "skywalker",
10      "distance": 115.5,
11      "message": [ "", "es", "", "", "secreto" ]
12    },
13    {
14      "name": "sato",
15      "distance": 142.7,
16      "message": [ "este", "", "un", "", "" ]
17    }
18  ]
19 }
```

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 1866 ms Size: 366 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "position": {
3     "x": -58.32,
4     "y": -69.55
5   },
6   "message": "este es un mensaje secreto"
7 }
```

## Respuesta 404 (en Postman)

POST <https://geyc73n98h.execute-api.us-east-2.amazonaws.com/default/topsecret> Send Save

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings Cookies Code

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL JSON Beautify

```
1 {
2   "satellites": [
3     {
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7     },
8     {
9       "name": "skywalker",
10      "distance": 115.5,
11      "message": [ "", "es", "", "", "" ]
12    },
13    {
14      "name": "sato",
15      "distance": 142.7,
16      "message": [ "este", "", "un", "", "" ]
17    }
18  ]
19 }
```

Body Cookies Headers (7) Test Results Status: 404 Not Found Time: 2.69 s Size: 297 B Save Response

Pretty Raw Preview Visualize JSON 🔍

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