

I have created a HelloWorldFunction in AWS Lambda. This function is a piece of code that outputs the message "Hello, World!" when called.

To enable others to trigger this function, I have set up an API Gateway in AWS. This API Gateway is a RESTful interface that provides endpoints for invoking my Lambda function.

I have configured the API Gateway to use the /GET method, which means that when someone makes an HTTP GET request to the API Gateway endpoint, it triggers my HelloWorldFunction and returns the output "Hello, World!".

The process for setting up the API Gateway and linking it to my Lambda function involves the following steps:

I've created a new Lambda function in the AWS Management Console.  
I've written the code for my function (in this case, the HelloWorldFunction) and uploaded it to Lambda.  
I've created a new API Gateway in the AWS Management Console.  
I've configured the API Gateway to use the /GET method.  
I've mapped the /GET method to my HelloWorldFunction.  
I deploy the API Gateway, which creates a public endpoint for my function. Others can now make HTTP GET requests to the endpoint to trigger my function and receive its output.  
Therefore, when someone makes an HTTP GET request to the API Gateway endpoint I have created (e.g., <https://api.example.com/hello-world>), the API Gateway passes the request to my Lambda function, which runs my code and returns the output "Hello, World!" to the client who made the request.