How to encrypt the Request Body of a Copy **Activity when making an API request**

Last updated by | Ranjith Katukojwala | Mar 7, 2023 at 11:35 AM PST

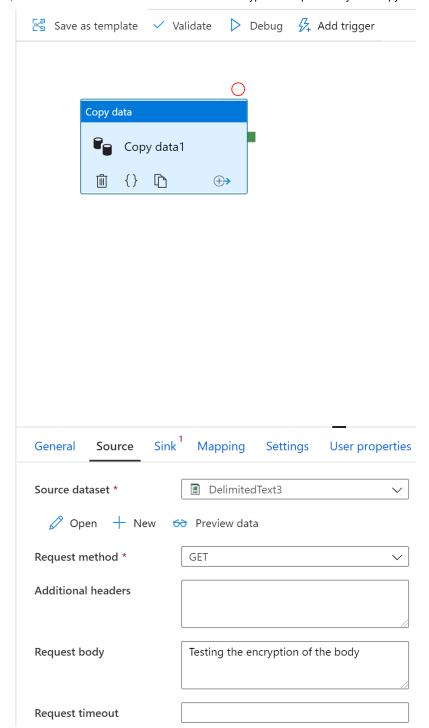
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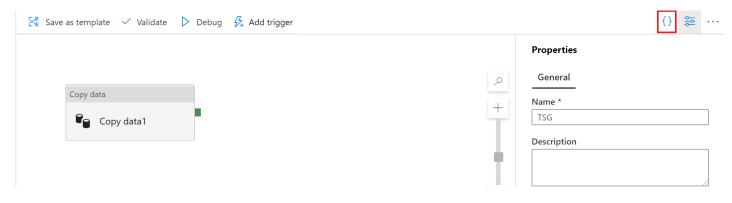
How to encrypt the Request Body of a Copy Activity when making an API request

Steps to follow

1. Create a Copy Data Activity in Pipeline and pass values to the Request Body.



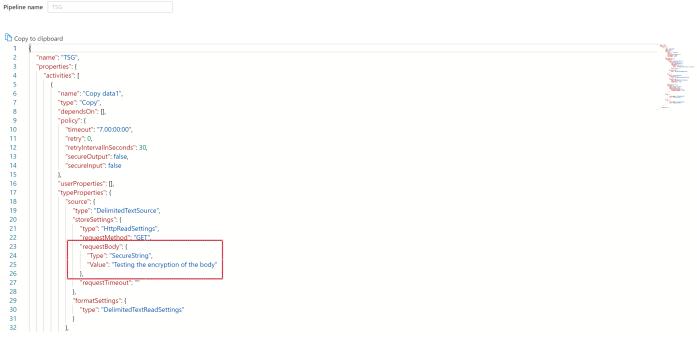
2. Click on the "Code" button.



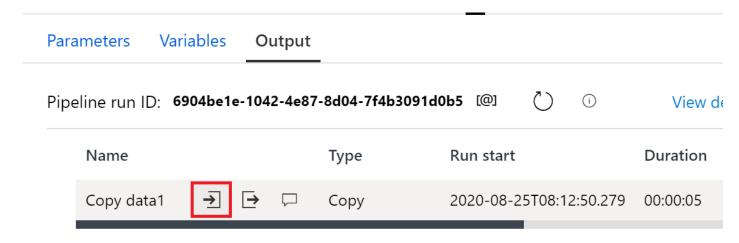
3. Identify the attribute "requestBody" in the JSON code.

```
type . Copy ,
"dependsOn": [],
"policy": {
  "timeout": "7.00:00:00",
  "retry": 0,
  "retryIntervalInSeconds": 30,
  "secureOutput": false,
  "secureInput": false
},
"userProperties": [],
"typeProperties": {
  "source": {
     "type": "DelimitedTextSource",
     "storeSettings": {
       "type": "HttpReadSettings",
       "requestMethod": "GET",
       "requestBody": {
          "Type": "SecureString",
          "Value": "Testing the encryption of the body"
       "requestTimeout": ""
     "formatSettings": {
       "type": "DelimitedTextReadSettings"
  },
  "sink": {
     "type": "AzureSqlSink",
     "tableOption": "autoCreate"
  "enableStaging": false
"inputs": [
     "referenceName": "DelimitedTexthhtp",
     "tvne": "DatasetReference"
```

4. Change the "requestBody" attribute to be an Object of type "SecureString" and add the attribute "Value".



5. When executing/debugging, we can notice in the Input that the values contained in the Request Body are being encrypted.



How good have you found this content?

