

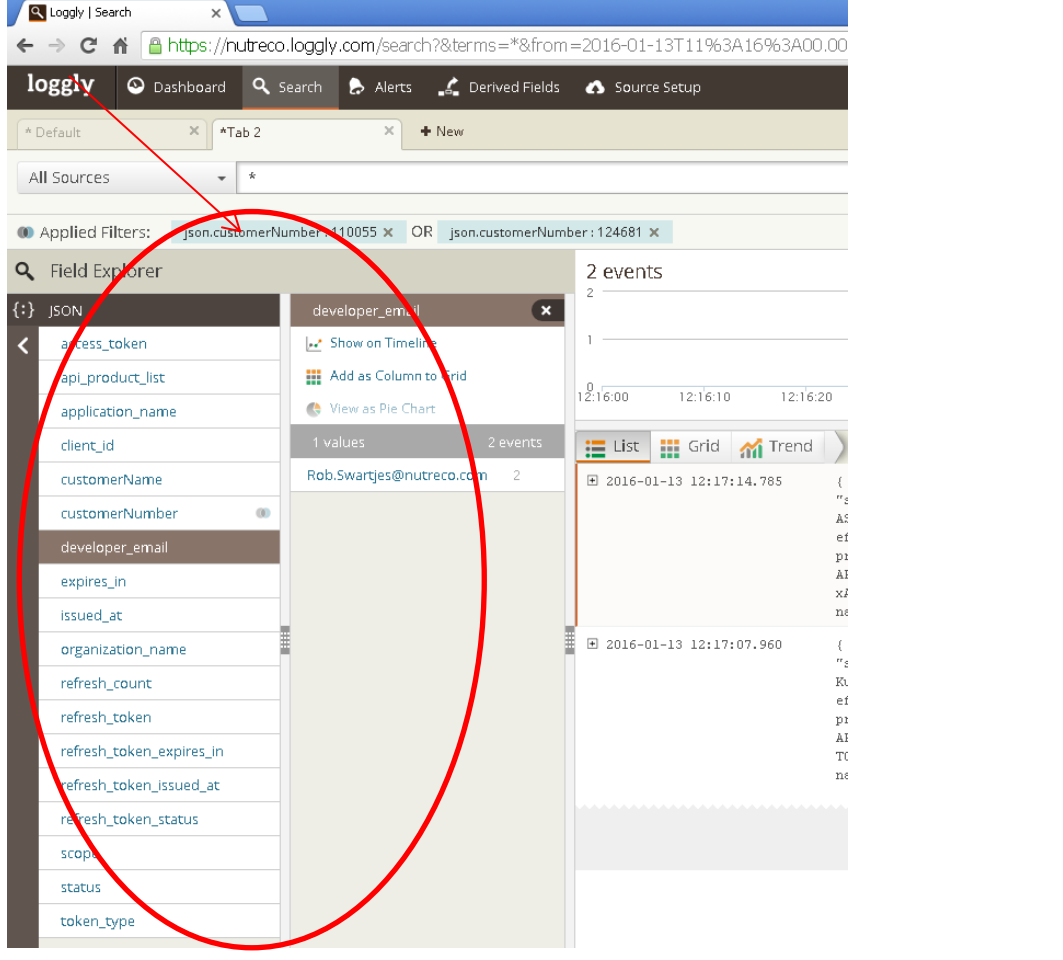
Problem statement:

I implemented message logging in Apigee as described in blog:

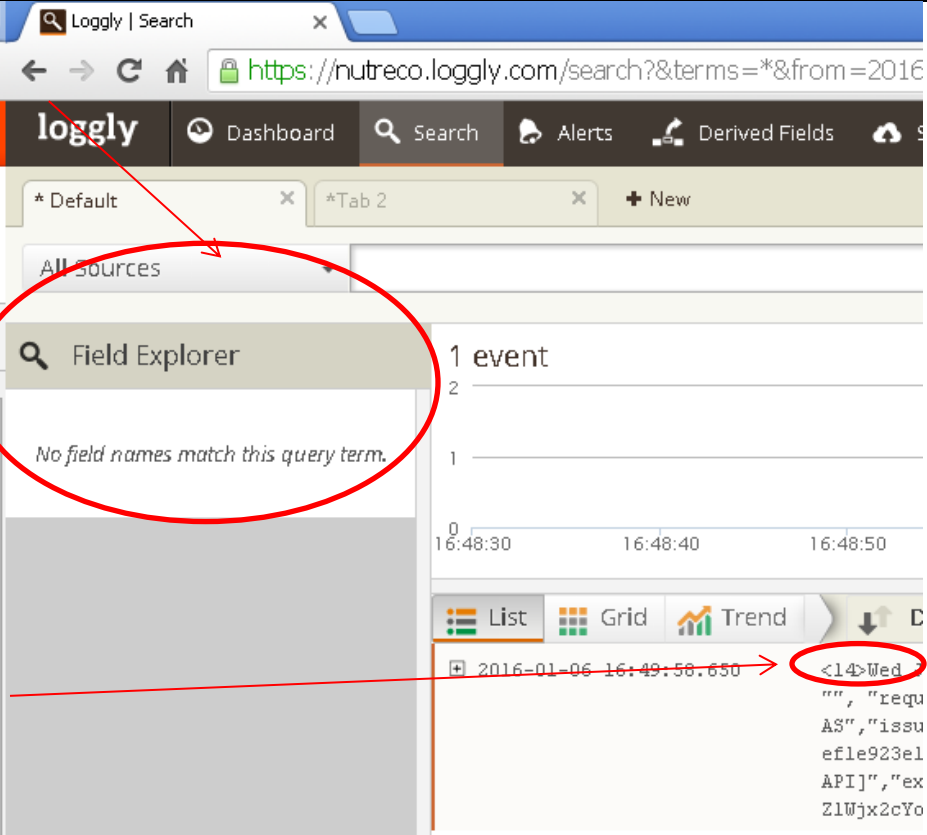
<https://community.apigee.com/content/kbentry/14798/log-messages-into-loggly.html>

There seems to be a bug in the message logging policy when configured for Loggly.

The content is not recognized and resolved. When the service callout option is used, the logmessage is correctly resolved. Unfortunately the service callout option cannot be used from within the PostClientFlow, so the preferred option is to use the message logging policy.

<p>Desired logging, in Loggly, where JSON is recognized and JSON content is resolved.</p>	 A screenshot of the Loggly search interface. The browser address bar shows a search URL for a specific time range. The interface includes a navigation bar with 'Dashboard', 'Search', 'Alerts', 'Derived Fields', and 'Source Setup'. Below this, there are tabs for 'Default' and 'Tab 2'. A search filter is applied: 'json.customerNumber: 410055' OR 'json.customerNumber: 124681'. The 'Field Explorer' on the left lists various JSON fields such as 'access_token', 'api_product_list', 'application_name', 'client_id', 'customerName', 'customerNumber', 'developer_email', 'expires_in', 'issued_at', 'organization_name', 'refresh_count', 'refresh_token', 'refresh_token_expires_in', 'refresh_token_issued_at', 'refresh_token_status', 'scopes', 'status', and 'token_type'. The 'developer_email' field is highlighted, and a pop-up window shows its value: 'Rob.Swartzjes@nutreco.com'. On the right, a timeline view shows two events with their timestamps and corresponding JSON snippets.
<p>Message logging implemented as message logging policy in the</p>	<pre><?xml version="1.0" encoding="UTF-8" standalone="yes"?> <MessageLogging async="false" continueOnError="false" enabled="true" name="Message-Logging-1"> <DisplayName>Log message to Loggly</DisplayName> <Syslog> <Message>[xxxxxxx]@41058 tag="{apiproxy.name}" {</pre>

<p>PostClientFlow within Apigee.</p>	<pre> "target": "{target.name}", "environment.name": "{environment.name}", "apikey": "{client_id}", "developer": "{verifyapikey.verify-api-key.DisplayName}", "requestverb": "{request.verb}", "request.path": "{request.path}", "request.querystring": "{request.querystring}", "statuscode": "{response.status.code}", "response": "{response.content}" } </Message> <Host>logs-01.loggly.com</Host> <Port>514</Port> <Protocol>UDP</Protocol> </Syslog> </MessageLogging> </pre>
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<p>Result in Loggly: JSON is not recognized and JSON content is not resolved.</p> <p>Note the "<14>" at the beginning of the message in Loggly.</p>	 <p>The screenshot shows the Loggly search interface. A red circle highlights the 'Field Explorer' section, which displays the message: "No field names match this query term." A red arrow points from the text in the left column to the beginning of a log entry in the right column, specifically to the characters "<14>Wed".</p>
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<p>Message logging implemented as service callout policy in the (proxy) PostFlow within Apigee.</p>	<pre> <?xml version="1.0" encoding="UTF-8" standalone="yes"?> <ServiceCallout async="false" continueOnError="false" enabled="true" name="Log-to-Loggly"> <DisplayName>Log to Loggly</DisplayName> <Properties/> <Request clearPayload="true" variable="myRequest"> <Set> <Headers> </pre>
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```
<Header name="Accept">application/json</Header>
</Headers>
<Verb>POST</Verb>
<Payload contentType="application/json" variablePrefix="@ " variableSuffix="#">
  {
    "api": "@apiproxy.name#",
    "environment": "@environment.name#",
    "developer": "",
    "verb": "@request.verb#",
    "path": "@request.path#",
    "querystring": "@request.querystring#",
    "statusCode": "@response.status.code#",
    "response": "@response.content#"
  }
</Payload>
</Set>
<IgnoreUnresolvedVariables>>false</IgnoreUnresolvedVariables>
</Request>
<Response>logglyResponse</Response>
<HTTPTargetConnection>
  <Properties/>
  <URL>http://logs-
01.loggly.com/inputs/xxxxxxx/tag/api_{apiproxy.name},environment_{environment.n
ame}</URL>
</HTTPTargetConnection>
</ServiceCallout>
```

Result in Loggly: JSON is recognized and JSON content is resolved.

The screenshot shows the Loggly search interface. The browser address bar displays the URL: https://nutreco.loggly.com/search?&terms=*&from=2016-01-13T11%3A16%3A00.00. The navigation bar includes 'Dashboard', 'Search', 'Alerts', 'Derived Fields', and 'Source Setup'. The search results are filtered by 'Applied Filters: json.customerNumber : 110055 OR json.customerNumber : 124681'. The 'Field Explorer' on the left shows a list of fields under the 'JSON' root, with 'developer_email' selected. A red circle highlights the 'Field Explorer' and the '2 events' section on the right. The '2 events' section shows a list view of search results with timestamps and JSON snippets.

Timestamp	JSON Snippet
2016-01-13 12:17:14.785	{ "e": "Kl", "ef": "pr", "AI": "xl", "ne": "ne" }
2016-01-13 12:17:07.960	{ "e": "Kl", "ef": "pr", "AI": "TC", "ne": "ne" }