

January 23, 2014

Software: GeoEvent Processor 10.2.1, ArcGIS Server 10.2.1

Server: Windows Server 2008 R2 Standard

I'm experiencing a problem with the JSON input listed below. It is generating an error in com.esri.ges.transport.http.HttpInboundTransport with the result being that none of the JSON input is consumed. The 'count' value for the input remains at zero in the monitor. I suspect there are values contained in the JSON input that is tripping up the input stream. But I can't see what it is. If the JSON stream contains invalid characters I need to determine what those are so I can inform web service provider.

Is it possible that the following field/value in the JSON stream is tripping up GEP?

```
"vehicleGroupPath" : "/0/83886085/83886086/83888458/83886165/83887892/83887973/83887969/"
```

NOTE: I am successfully consuming in the GeoEvent Processor other REST web services from the same vendor.

The name of the Input is RedFlag-NA2-JSON-in-HTTPS and is configured as follows:



RedFlags_NA_HTTPS_JSON_REST-in (Generic JSON REST Input with Basic Authentication via HTTPS)

Name*:	<input type="text" value="RedFlags_NA_HTTPS_JSON_REST-in"/>
JSON Object Name:	<input type="text" value="redFlags"/>
Create GeoEvent Definition*:	<input checked="" type="radio"/> Yes <input type="radio"/> No
GeoEvent Definition Name (New):	<input type="text" value="Redflags_Schema_Input_NewVer"/>
Expected Date Format:	<input type="text"/>
Construct Geometry From Fields*:	<input checked="" type="radio"/> Yes <input type="radio"/> No
X Geometry Field:	<input type="text" value="event.longitude"/>
Y Geometry Field:	<input type="text" value="event.latitude"/>
Z Geometry Field:	<input type="text"/>
wkid Geometry Field:	<input type="text"/>
Well Known Text Geometry Field:	<input type="text"/>
Username:	<input type="text" value="gis_user"/>
Password:	<input type="password" value="....."/>
Mode*:	<input type="text" value="CLIENT"/>
URL:	<input type="text" value="https://...com/portal_service/v1/api/vehicle/group/838861"/>
Frequency (in seconds):	<input type="text" value="120"/>

▶ Advanced

▼ Advanced

Acceptable MIME Types (Client Mode):

Use Long Polling: Yes No

HTTP Method:

Parameters:

Use URL Proxy: Yes No

Receive New Data Only: Yes No

From the log file:

org.apache.camel.blueprint.BlueprintCamelContext	Route: RedFlags_NA_HTTPS_JSON_REST-in started and consuming from: Endpoint[jms://queue:RedFlags_NA_HTTPS_JSON_REST-in]	Thu Jan 23 16:47:46 AKST 2014	INFO
com.esri.ges.processing.camel.CamelRouteBuilder	SUCCESS!	Thu Jan 23 16:47:46 AKST 2014	INFO
com.esri.ges.transport.http.HttpInboundTransport	null java.lang.NullPointerException at com.esri.ges.transport.http.HttpInboundTransport.onReceive(HttpInboundTransport.java:288)[255:com.esri.ges.framework.transport.http-transport:10.2.1] at com.esri.ges.transport.http.HttpInboundTransport.getData(HttpInboundTransport.java:134)[255:com.esri.ges.framework.transport.http-transport:10.2.1] at com.esri.ges.transport.http.HttpInboundTransport\$WorkerThread.run(HttpInboundTransport.java:99)[255:com.esri.ges.framework.transport.http-transport:10.2.1]	Thu Jan 23 16:47:49 AKST 2014	ERROR

The JSON returned to a browser. Sorry – I can't share the specific URL.

```
{
  "redFlags" : [{
    "event" : {
      "driverID" : 83912738,
      "driverName" : "Driver 1",
      "driverTimeZone" : "US/Pacific",
      "eventCategory" : "WARNING",
      "eventType" : "IGNITION_ON",
      "flags" : 5160,
      "forgiven" : 0,
      "groupID" : 83887903,
      "groupName" : "Warehouse",
      "groupPath" :
"/0/83886085/83886086/83888458/83886165/83887892/83887902/83887903/",
      "heading" : 2,
      "latitude" : 60.974545,
      "longitude" : 125.355988,
      "noteID" : 370139594376476603,
      "speed" : 0,
      "speedLimit" : 25,
      "subCategory" : "VEHICLE",
      "time" : "2014-01-22T23:01:04Z",
      "type" : "IGNITION_ON",
      "vehicleID" : 83887040,
      "vehicleName" : "Pool Vehicles",
      "vehicleGroupID" : 83887969,
      "vehicleGroupName" : "Pool Vehicles",
      "vehicleGroupPath" :
"/0/83886085/83886086/83888458/83886165/83887892/83887973/83887969/",
      "eventTypeString" : "EventType.IGNITION_ON"
    },
    "sent" : "NONE",
    "level" : "INFO",
    "details" : "Vehicle ignition on."
  }, {
    "event" : {
      "driverID" : 83886089,
      "driverName" : "Driver 2",
      "driverTimeZone" : null,
      "eventCategory" : "WARNING",
      "eventType" : "IGNITION_ON",
      "flags" : 5120,
      "forgiven" : 0,
      "groupID" : null,
      "groupName" : null,
      "groupPath" : null,
      "heading" : 0,
```

```
        "latitude" : 60.974861,
        "longitude" : 125.356033,
        "noteID" : 370139594376476606,
        "speed" : 0,
        "speedLimit" : 75,
        "subCategory" : "VEHICLE",
        "time" : "2014-01-23T14:14:40Z",
        "type" : "IGNITION_ON",
        "vehicleID" : 83887040,
        "vehicleName" : "Pool Vehicles",
        "vehicleGroupID" : 83887969,
        "vehicleGroupName" : "Pool Vehicles",
        "vehicleGroupPath" :
"/0/83886085/83886086/83888458/83886165/83887892/83887973/83887969/",
        "eventTypeString" : "EventType.IGNITION_ON"
    },
    "sent" : "NONE",
    "level" : "INFO",
    "details" : "Vehicle ignition on."
}
]
```