

RK-J - Bug #2190

Unable to generate the 'Top Traffic' report from the GUI on production.

03/16/2022 01:23 PM - Ayush Khandelwal

Status:	Closed	Start date:	03/16/2022
Priority:	High	Due date:	10/14/2022
Assignee:	Ram Kordale	% Done:	100%
Category:		Estimated time:	3.00 hours
Target version:	1-RK-J-1	Spent time:	2.00 hours
Description			
Why "Drive outputs folder is not present: null" coming during top traffic generation on prod from GUI?			
Error Logs (top traffic from prod GUI for 2022-03-01): https://console.cloud.google.com/logs/viewer?project=rapidken-production&minLogLevel=0&expandAll=false&timestamp=2022-03-03T06%3A13%3A24.41700000Z&customFacets&limitCustomFacetWidth=true&dateRangeStart=2022-03-03T05%3A13%3A24.671Z&dateRangeEnd=2022-03-03T06%3A13%3A24.671Z&interval=PT1H&resource=gae_app&logName=projects%2Frapidken-production%2Flogs%2Fstdout&logName=projects%2Frapidken-production%2Flogs%2Fstderr&logName=projects%2Frapidken-production%2Flogs%2Fappengine.googleapis.com%252Frequest_log&scrollTimestamp=2022-03-03T06%3A07%3A54.23285000Z&advancedFilter=resource.type%3D%22gae_app%22%0Aresource.labels.zone%3D%22us-east4-3%22%0Aresource.labels.project_id%3D%22rapidken-production%22%0Aresource.labels.version_id%3D%2220220224t173311%22%0Aresource.labels.module_id%3D%22default%22%0Atimestamp%3D%222022-03-03T06%3A07%3A54.23285000Z%22%0AinsertId%3D%2262205b3b000a02b0ae9e5af4%22			
Related issues:			
Related to Support #1622: Add 'Reports -> Top traffic'		Closed	09/09/2021

History

#1 - 03/16/2022 01:44 PM - Venmuhilan B

- Status changed from New to In Progress

#2 - 03/16/2022 01:57 PM - Venmuhilan B

The response for the request Url:

```
"files": [ {
  "kind": "drive#file",
  "id": "1Ub4roUaaO4W9R8Tba0zFE5AsSZ-wBzvq",
  "name": "Prod",
  "mimeType": "application/vnd.google-apps.folder"
}, {
  "kind": "drive#file",
  "id": "1wgGhfGFM8fDaXI62xpje8MoMhA6Wq_Ld",
  "name": "prod",
  "mimeType": "application/vnd.google-apps.folder"
}, {
  "kind": "drive#file",
  "id": "1SzmNJviLic3al-1dwmZbWJexvFfk4AcQ",
  "name": "Prod",
  "mimeType": "application/vnd.google-apps.folder"
}
]
```

There are three folders data present in the response. In the response, it is supposed to have only one folder. But here it had fetched 3 folders. So we are returning the first drive file object (i-e) in the response to ReportGenerationAPI, it is returning the object which is having "id": "1Ub4roUaaO4W9R8Tba0zFE5AsSZ-wBzvq", "name": "Prod"

But there is no folder named "Prod" in this <https://drive.google.com/drive/folders/1Zi7cD085GyhX6ZaW1h7tLl6pkeYfzh6F>. It didn't have an outputs folder. So the drive file object becomes null and showed a null pointer exception.

The second drive file object ("id": "1wgGhfGFM8fDaXI62xpje8MoMhA6Wq_Ld", "name": "prod") is the one which is present in the <https://drive.google.com/drive/folders/1Zi7cD085GyhX6ZaW1h7tLl6pkeYfzh6F>.

fix - Iterate over the files array until we found the drive object which has the outputs folder

#3 - 03/16/2022 01:57 PM - Venmuhilan B

- Status changed from In Progress to Resolved

#4 - 03/16/2022 01:58 PM - Venmuhilan B

- % Done changed from 0 to 100

#5 - 08/01/2022 06:46 AM - Ram Kordale

- Priority changed from Urgent to High

#6 - 10/12/2022 06:15 AM - Ayush Khandelwal

- Due date changed from 03/16/2022 to 10/14/2022

- Status changed from Resolved to Reopened

- % Done changed from 100 to 0

- Estimated time changed from 2.00 h to 3.00 h

#7 - 10/12/2022 06:16 AM - Ayush Khandelwal

- Parent task deleted (#1622)

#8 - 10/12/2022 06:16 AM - Ayush Khandelwal

- Related to Support #1622: Add 'Reports -> Top traffic' added

#9 - 10/13/2022 07:22 AM - Venmuhilan B

- Status changed from Reopened to In Progress

#10 - 10/13/2022 07:43 AM - Venmuhilan B

Issue:

java.lang.ArrayIndexOutOfBoundsException occurred at processMessage() method in ReadJsonPayloadLogs class.

The error occurred at line 87 where we put a key(like url, userAgent, ..) and their value into the map. we are splitting the string by ":" (i-e "url:/learn/python3-docs"). I think the value part is not present for some key. It showed Array Index Out of Bounds Exception while accessing that index.

For the String accept-language: it only the have the key and don't have the value.

After the String is splitted, Array only have one element(pair⁰) and we are trying to access the value part(pair¹) which is not present in the array. This lead to java.lang.ArrayIndexOutOfBoundsException.

Fix:

we can add the condition to access the pair¹ only if the array length is 2.

#11 - 10/13/2022 07:44 AM - Venmuhilan B

- Status changed from In Progress to Resolved

- % Done changed from 0 to 100

#12 - 10/21/2022 08:09 AM - Venmuhilan B

- Status changed from Resolved to Feedback

- Assignee changed from Venmuhilan B to Ayush Khandelwal

#13 - 10/21/2022 04:08 PM - Ayush Khandelwal

- Assignee changed from Ayush Khandelwal to Ram Kordale

Working as expected

#14 - 03/02/2023 06:38 AM - Ram Kordale

- Status changed from Feedback to Closed