Coding Interview Exercise – NodeJS

These steps will allow to retrieve a messaging conversation from LivePerson API and store the data into a file

Step 1 – Make a call to LP Messaging Interactions API and retrieve a conversation

(you can try it with Postman first)

***URL:***

*POST* [*https://va.msghist.liveperson.net/messaging\_history/api/account/13350576/conversations/conversation/search?v=2*](https://va.msghist.liveperson.net/messaging_history/api/account/13350576/conversations/conversation/search?v=2)

***Use Oauth1.0 for authentication***

Consumer key:

90dc82090ec74284a2ae8bd22e770642

Consumer secret:

5a62d04af7b9c39e

Token:

39e1f5ef76194d1f80da029eff3c0e3c

Token secret:

40194cd29bf78514

***Headers:***

*Content-Type application/json*

***Body:***

{

"conversationId": "3c026cc6-f1b8-4ddd-a24b-30068420d09c"

}

The response from LivePerson will look something like this:

{

"\_metadata": {

"count": 1,

"self": {

"rel": "self",

"href": "http://va.msghist.liveperson.net/messaging\_history/api/account/13350576/conversations/conversation/search?limit=50&offset=0"

},

"shardsStatusResult": {

"partialResult": false

}

},

"conversationHistoryRecords": [

{

"info": {

"startTime": "2018-08-09 00:27:30.541+0000",

"startTimeL": 1533774450541,

"endTime": "undefined",

"endTimeL": -1,

"duration": 5991858,

"conversationId": "9128ba34-bec6-46bb-86af-c2dc2979b00a",

"brandId": "13350576",

"latestAgentId": "590155212",

"latestAgentNickname": "Elena",

"latestAgentFullName": "Elena Riesenfeld",

"latestAgentLoginName": "eriesenfeld@liveperson.com",

"agentDeleted": false,

"latestSkillId": -1,

"latestSkillName": "Unassigned",

"source": "APP",

"mcs": 0,

"alertedMCS": 0,

"status": "OPEN",

"firstConversation": true,

"latestAgentGroupId": -1,

"latestAgentGroupName": "Main Group",

"latestQueueState": "ACTIVE",

"isPartial": false

},

"campaign": {

"campaignEngagementName": "NA",

"campaignName": "NA",

"goalName": "NA"

},

"messageRecords": [

{

"type": "TEXT\_PLAIN",

"messageData": {

"msg": {

"text": "Hello World!"

}

},

"messageId": "ms::conv:9128ba34-bec6-46bb-86af-c2dc2979b00a::msg:0",

"seq": 0,

"participantId": "e4796745-b763-4bc6-af94-96a01d7efd82",

"time": "2018-08-09 00:27:30.577+0000",

"timeL": 1533774450577,

"sentBy": "Consumer"

}

],

"agentParticipants": [

{

"agentFullName": "Elena Riesenfeld",

"agentNickname": "Elena",

"agentLoginName": "eriesenfeld@liveperson.com",

"agentDeleted": false,

"agentId": "590155212",

"agentPid": "2fb82076-2661-5a8b-8eef-2a70ccdae62c",

"userType": "1",

"userTypeName": "Human",

"role": "AGENT",

"agentGroupName": "Main Group",

"agentGroupId": -1,

"time": "2018-08-09 01:32:28.838+0000",

"timeL": 1533778348838,

"permission": "ASSIGNED\_AGENT"

}

],

"agentParticipantsActive": [

{

"agentFullName": "Elena Riesenfeld",

"agentNickname": "Elena",

"agentLoginName": "eriesenfeld@liveperson.com",

"agentDeleted": false,

"agentId": "590155212",

"agentPid": "2fb82076-2661-5a8b-8eef-2a70ccdae62c",

"userType": "1",

"userTypeName": "Human",

"role": "AGENT",

"agentGroupName": "Main Group",

"agentGroupId": -1,

"time": "2018-08-09 01:32:28.838+0000",

"timeL": 1533778348838,

"permission": "ASSIGNED\_AGENT"

}

],

"consumerParticipants": [

{

"participantId": "e4796745-b763-4bc6-af94-96a01d7efd82",

"firstName": "Visitor",

"time": "2018-08-09 00:27:30.544+0000",

"timeL": 1533774450544,

"joinTime": "2018-08-09 00:27:30.544+0000",

"joinTimeL": 1533774450544,

"consumerName": "Visitor"

}

],

"transfers": [],

"interactions": [

{

"assignedAgentId": "590155212",

"assignedAgentFullName": "Elena Riesenfeld",

"assignedAgentLoginName": "eriesenfeld@liveperson.com",

"assignedAgentNickname": "Elena",

"interactionTimeL": 1533778348835,

"interactionTime": "2018-08-09 01:32:28.835+0000",

"interactiveSequence": 1

}

],

"messageScores": [

{

"messageId": "ms::conv:9128ba34-bec6-46bb-86af-c2dc2979b00a::msg:0",

"messageRawScore": 0,

"mcs": 0,

"time": "2018-08-09 00:27:31.076+0000",

"timeL": 1533774451076

}

],

"messageStatuses": [

{

"messageId": "ms::conv:9128ba34-bec6-46bb-86af-c2dc2979b00a::msg:0",

"seq": 0,

"time": "2018-08-09 01:32:29.134+0000",

"timeL": 1533778349134,

"participantId": "590155212",

"participantType": "Agent",

"messageDeliveryStatus": "ACCEPT"

},

{

"messageId": "ms::conv:9128ba34-bec6-46bb-86af-c2dc2979b00a::msg:0",

"seq": 0,

"time": "2018-08-09 01:32:29.212+0000",

"timeL": 1533778349212,

"participantId": "590155212",

"participantType": "Agent",

"messageDeliveryStatus": "READ"

}

],

"conversationSurveys": []

}

]

}

Step 2 – Print into a file

Take the ‘info’ object (marked as red text in the output above) out of the response and write it into a file as is.