

# Capture graphql calls and replay in Postman


Tuesday, 8 March 2022 6:38 PM

## Purpose

To demonstrate replaying graphql calls in the CluedIn UI in postman.

## Journal

For example, create a de-dup project

 / ... / customer.interest.interestValue


**customer.interest.interestValue** EDIT

**Configuration** Duplicates

**Project Name\***  
User friendly name to help you find your project once it has been created  
customer.interest.interestValue

**Rule**  

Given all data

where entity is  Customer Interest


and vocabulary key customer.interest.interestValue

are the same

install graphql extension to observe graphql queries

<https://chrome.google.com/webstore/detail/graphql-network-inspector/ndlibedp1l1cgconngcnfmkadhokfaaln>

Home > Extensions > GraphQL Network Inspector

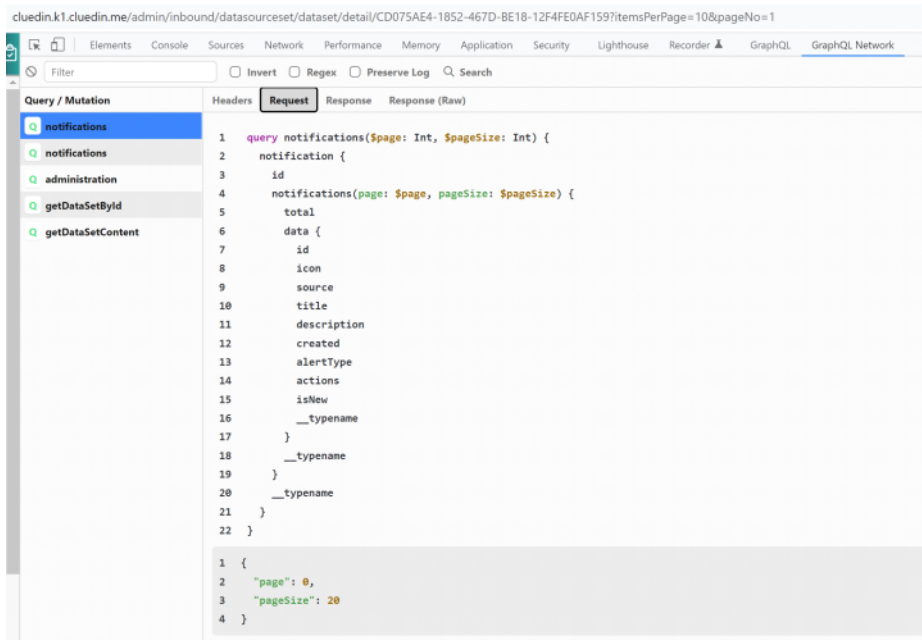
**GraphQL Network Inspector**  
Offered by: warrenjdjay  
★★★★★ 44 | [Developer Tools](#) | 10,000+ users

[Overview](#) | [Privacy practices](#) | [Reviews](#) | [Support](#) | [Related](#)

Filter	Query / Mutation	Status	Size	Time	URL
	getMovie	200	3.36 kB	1s	http://graphql-network-monitor.com/graphql
	searchMovie	200	3.36 kB	1s	http://graphql-network-monitor.com/graphql
	createMovie	200	3.36 kB	1s	http://graphql-network-monitor.com/graphql
	listActors	200	3.36 kB	1s	http://graphql-network-monitor.com/graphql
	actorDetails	200	3.36 kB	1s	http://graphql-network-monitor.com/graphql
	getMovie	200	3.36 kB	1s	http://graphql-network-monitor.com/graphql
	searchMovie	200	3.36 kB	1s	http://graphql-network-monitor.com/graphql
	createMovie	200	3.36 kB	1s	http://graphql-network-monitor.com/graphql
	listActors	200	3.36 kB	1s	http://graphql-network-monitor.com/graphql
	actorDetails	200	3.36 kB	1s	http://graphql-network-monitor.com/graphql
	getMovie	200	3.36 kB	1s	http://graphql-network-monitor.com/graphql

Nopte: works as a live capture and also for extracting from saved HAR files.

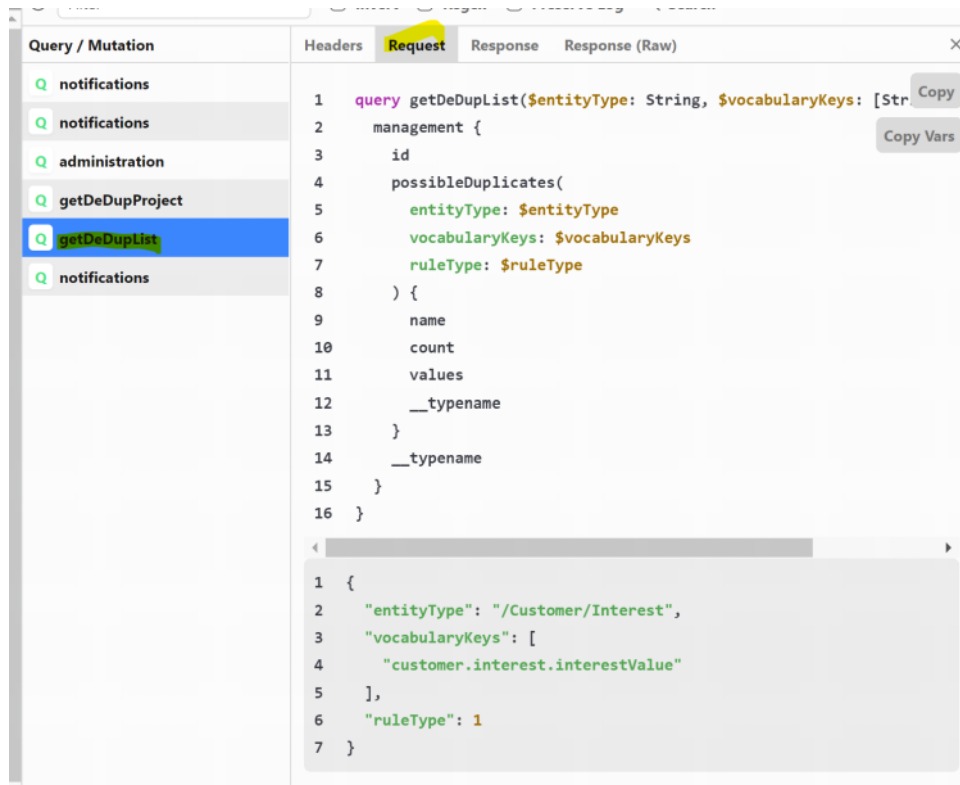
CluedIn typical example of notifications - to test the extension is working



click Duplicates to trigger the query to be executed by the GUI

Configuration <b>Duplicates</b>	
Name	Number of

and observe in the extension



raw response matches the GUI table



let's deconstruct the graphql call from the details from the extension

request

```

https://app.k1.cluedin.me/graphql
POST
Bearer {TOKEN}
content-type: application/json

{"operationName":"getDeDupList","variables":{"entityType":"/Customer/Interest","vocabularyKeys":["customer.interest.interestValue"],"ruleType":1},"query":"query getDeDupList($entityType: String!,$vocabularyKeys: [String!]!,$ruleType: Int!) {\n  management {\n    id\n    possibleDuplicates(\n      entityType: $entityType\n      vocabularyKeys: $vocabularyKeys\n      ruleType: $ruleType\n    ) {\n      name\n      count\n      values\n      __typename\n    }\n  }\n}"}

```

and the response is

```

{
  "data": {
    "management": {
      "id": "management",
      "possibleDuplicates": [
        {
          "name": "{\\"customer.interest.interestValue\\":\\"1\\"}",
          "count": 181,
          "values": {
            "customer.interest.interestValue": "1"
          },
          "__typename": "PossibleDuplicate"
        },
        {
          "name": "{\\"customer.interest.interestValue\\":\\"0\\"}",
          "count": 3,
          "values": {
            "customer.interest.interestValue": "0"
          },
          "__typename": "PossibleDuplicate"
        }
      ],
      "__typename": "Management"
    }
  }
}

```

reply with postman

extract your bearer token from your session and configure the Authorization

copy and paste the Query; select GraphQL type, then copy and paste the Variables into the Body session and

POST

https://app.k1.cluedin.me/graphql

Send

Params

Authorization

Headers (11)

Body

Pre-request Script

Tests

Settings

Cookies

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

Auto-fetch

Schema Fetched

QUERY

```

1 query getDeDupList($entityType: String, $vocabularyKeys: [String], $ruleType:
2   Int) {
3   management {
4     id
5     possibleDuplications(
6       entityType: $entityType
7       vocabularyKeys: $vocabularyKeys
8       ruleType: $ruleType
9     ) {
10      name
11      count
12      values
13      __typename
14    }
15    __typename
16  }

```

GRAPHQL VARIABLES

```

1 {
2   "entityType": "/Customer/Interest",
3   "vocabularyKeys": [
4     "customer.interest.interestValue"
5   ],
6   "ruleType": 1
7 }

```

Body

Cookies

Headers (7)

Test Results

Status: 200 OK

Time: 50 ms

Size: 621 B

Save Response

Pretty

Raw

Preview

Visualize

JSON

Copy

Search

```

12   "__typename": "PossibleDuplicate"
13 },
14 {
15   "name": "{\\"customer.interest.interestValue\\":\\"0\\"}",
16   "count": 3,
17   "values": {
18     "customer.interest.interestValue": "0"

```

raw view

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

Beautify

```

1 {
  "operationName": "getDeDupList",
  "variables": {
    "entityType": "/Customer/Interest",
    "vocabularyKeys": [
      "customer.interest.interestValue"
    ],
    "ruleType": 1
  },
  "query": "query getDeDupList($entityType: String, $vocabularyKeys: [String], $ruleType: Int) {\n  management {\n    id\n    possibleDuplications(\n      entityType: $entityType\n      vocabularyKeys: $vocabularyKeys\n      ruleType: $ruleType\n    ) {\n      name\n      count\n      values\n      __typename\n    }\n    __typename\n  }\n}"
}

```