



Moralis Script

First, install dependencies by running

```
npm install
```

in the project's root directory and then again in the `server` directory

go to server

```
cd server
```

install dependencies by running

```
npm install
```

Then, start the server with

```
node index.js
```

While the server is running, open a new terminal window/tab

And continue through the docs

Localhost

To fully test locally, you must set up a webhook using a tool like `NGROK`. Run it after starting the server to obtain the necessary webhook URL

Roadmap

- Create New Stream
- Update The Stream Settings
- Add Addresses To The Stream
- Get All Streams List
- Delete Stream
- Get The Stream Status
- Update Status
- Get The WebhookUrl For Stream
- Update The WebhookUrl

Creat New Stream

To Create new Stream, First go to the file `00_Settings.json` and modify all setting.

- Moralis API Key
- Webhook Url
- Description
- Tag

To specify the network on which the stream will operate, refer to the list of available networks in the file `00_Chains.json`.

Update line 9 in the file `01_create.js` with your chosen network.

```
{
  "Ethereum_Mainnet": "0x1",
  "Ethereum Sepolia": "0xaa36a7",
  "Ethereum Holesky": "0x4268",
  "Polygon Mainnet": "0x89",
  "Polygon Amoy": "0x13882",
  "Binance Smart Chain Mainnet": "0x38",
  "Binance Smart Chain Testnet": "0x61",
  "Arbitrum": "0xa4b1",
  "Arbitrum Sepolia": "0x66eee",
  "Base": "0x2105",
  "Base Sepolia": "0x14a34",
  "Optimism": "0xa",
  "Optimism Sepolia": "0xaa37dc",
  "Pulsechain": "0x171",
  "Avalanche": "0xa86a",
  "Linea": "0xe708",
  "Linea Sepolia": "0xe705",
  "Fantom Mainnet": "0xfa",
  "Fantom Tsetnet": "0xfa2",
  "Cronos Mainnet": "0x19",
  "Palm": "0x2a15c308d",
  "Gnosis": "0x64",
  "Gnosis Chiado": "0x27d8",
  "Chiliz Mainnet": "0x15b38",
  "Chiliz Tsetnet": "0x15b32",
  "Moonbeam": "0x504",
  "Moonriver": "0x505",
  "Moonbase": "0x507"
}
```

After that Run:

```
npm run Create
```

In the CONSOLE you can Find the Stream ID:

```
0d653a7a-05da-4f4a-8eec-bca8725046cd
```

Update The Stream

To Update The Stream, First go to the file `00_Settings.json` and modify it.

- Moralis API Key
- Stream ID

And go to File `02_update.js` and Customize the properties you want to update

Parameter	Type	Description
topic0	array	An Array of topic0's in string-signature format ex: ['FunctionName(address,uint256)']
allAddresses	boolean	Include events for all addresses (only applied when abi and topic0 is provided)
includeNativeTxS	boolean	Include or not native transactions defaults to false
includeContractLogs	boolean	Include or not logs of contract interactions defaults to false
includeInternalTxS	boolean	Include or not include internal transactions defaults to false
includeAllTxLogs	boolean	Include all logs if atleast one value in tx or log matches stream config
getNativeBalances	object	Include native balances for each address in the webhook
advancedOptions	object	
chainIds	array	The ids of the chains for this stream in hex Ex: ["0x1", "0x38"]
abi	object	
functionAbi	object	The abi to parse the log object of the contract
triggers	object	triggers

After that Run:

```
npm run update
```

In the CONSOLE you can Find the Stream Info:

```
{
  "id": "0d653a7a-05da-4f4a-8eec-bca8725046cd",
  "webhookUrl": "https://f40e-2a02-2454-8169-9200-5f0-16c8-42de-f987.ngrok-free.app/webhook",
  "description": "UniSwapV2",
  "tag": "ETH/USDT $ LINK/WETH",
  "demo": false,
  "topic0": null,
  "allAddresses": false,
  "includeNativeTxS": true,
  "filterPossibleSpamAddresses": false,
  "includeContractLogs": true,
  "includeInternalTxS": true,
```

```
"includeAllTxLogs": false,
"getNativeBalances": [],
"triggers": [],
"abi": null,
"advancedOptions": null,
"chainIds": ["0x1"],
"status": "active",
"statusMessage": "Stream is active",
"amountOfAddresses": 0,
"updatedAt": "2024-05-26T17:39:34.711Z"
}
```

Add Addresses

To Add Addresses To The Stream, First go to the file `00_Settings.json` and modify it.

- Add The Addresses To the file

After that Run:

```
npm run add
```

You can also find the pairs Addresses by using the file `getPairAddress.js`, for that first modify the settings:

- Token address 1
- Token address 2
- exchange

the Supported exchanges:

UniSwap V3	UniSwap V2	QuickSwap
SushiSwap V2	PancakeSwap V2	PancakeSwap V1

After that Run:

```
npm run pair
```

In the CONSOLE you can Find the Pair address:

```
0x0d4a11d5eeaac28ec3f61d100daf4d40471f1852
```

and the script directly add the result to the file `pairDetails.json`

Get All Streams List

To get all the streams list from the Moralis Account, First go to the file `00_Settings.json` and modify it.

- Moralis API Key

After That Run:

```
npm run getstreams
```

In the CONSOLE you can Find the Streams list Details, And the total:

```
{
  "result": [
    {
      "id": "0d653a7a-05da-4f4a-8eec-bca8725046cd",
      "webhookUrl": "https://f40e-2a02-2454-8169-9200-5f0-16c8-42de-f987.ngrok-free.app/webhook",
      "description": "UniSwapV2",
      "tag": "ETH/USDT $ LINK/WETH",
      "demo": false,
      "topic0": null,
      "allAddresses": false,
      "includeNativeTxs": true,
      "filterPossibleSpamAddresses": false,
      "includeContractLogs": true,
      "includeInternalTxs": true,
      "includeAllTxLogs": false,
      "getNativeBalances": [],
      "triggers": [],
      "abi": null,
      "advancedOptions": null,
      "chainIds": [
        "0x1"
      ],
      "status": "active",
      "statusMessage": "Stream is active",
      "amountOfAddresses": 0,
      "updatedAt": "2024-05-26T17:39:34.711Z"
    },
    {
      "id": "9947d8ef-26d1-4012-8404-852f91b4be65",
      "webhookUrl": "https://f40e-2a02-2454-8169-9200-5f0-16c8-42de-f987.ngrok-free.app/webhook",
      "description": "UniSwapV2",
      "tag": "ETH/USDT $ LINK/WETH",
      "demo": false,
      "topic0": null,
      "allAddresses": false,
      "includeNativeTxs": true,
      "filterPossibleSpamAddresses": false,
      "includeContractLogs": false,
      "includeInternalTxs": false,
      "includeAllTxLogs": false,
      "getNativeBalances": [],
      "triggers": [],
      "abi": null,
      "advancedOptions": null,
      "chainIds": [
        "0x1"
      ],
      "status": "active",
```

```
    "statusMessage": "Stream is active",
    "amountOfAddresses": 0,
    "updatedAt": "2024-05-26T17:40:43.024Z"
  }
],
"total": 2
}
```

and the script directly add the result to the file `streamDetails.json`

Delete Stream

To delete a streams from the Moralis Account, First go to the file `00_Settings.json` and modify it.

- Moralis API Key
- Stream ID

After That Run:

```
npm run delete
```

Get The Stream Status

To get the streams Status, First go to the file `00_Settings.json` and modify it.

- Moralis API Key
- Stream ID

After That Run:

```
npm run status
```

In the CONSOLE you can Find the Streams status:

```
active
```

Update Status

To Update the streams Status

just Run :

```
npm run updatestatus
```

In the CONSOLE you can Find the Streams status, first one the old status, and the second one the new:

```
Old Status: active
New Status: paused
```

Get The WebhookUrl

To get the streams WebhookUrl, First go to the file `00_Settings.json` and modify it.

- Moralis API Key
- Stream ID

After That Run:

```
npm run getwebhook
```

In the CONSOLE you can Find the Streams WebhookUrl:

```
https://03e6-2a02-2454-8169-9200-5f0-16c8-42de-f987.ngrok-free.app/webhook
```

Update The WebhookUrl

To Update the streams WebhookUrl, First go to the file `00_Settings.json` and modify it.

- Moralis API Key
- Stream ID
- WEBHOOK_URL

After That Run:

```
npm run updatewebhook
```

In the CONSOLE you can Find the Streams WebhookUrl:

```
New Webhook: https://03e6-2a02-2454-8169-9200-5f0-16c8-42de-f987.ngrok-free.app/webhook
```

Badges

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 NODE JS

 JAVASCRIPT

 JSON