**About the API:**

I am querying the Ethereum mainnet by using the infura api [Screenshot below].

Graphical user interface, application

Description automatically generated

Also, I have used web3 library and the expressjs to create the apis.

All the below mentioned details and screenshots refers to transactions fetched from ‘https://etherscan.io/’ .

**Now, there is no need to pass extra param in request body as opposed to previous implementation.**

The url is [http://localhost:8081/eth/api/v1/transaction?tx=<txid](http://localhost:8081/eth/api/v1/transaction?tx=%3ctxid)>

Just need to pass the transaction id and it will return the transaction detail for all.

**Accout transfer:**

txid : 0xc3e290426719e488afa98bfaefbdc353b0b5be1cf28a768d2f6871210fb201c7

Graphical user interface, text, application

Description automatically generated

**Erc20 token transfer:**

Tx : 0xfea0382feafc366a7177f574a3aa3b2535fa8e2a667724c9ea1e8879dba2c387

Graphical user interface, text, application, email

Description automatically generated

**Contract execution:**

Transaction detail [tx : 0x5f4a22c831e7920a6c4b417f4545cb6d0285714c3817904dbc2abfef87a49f67]

Graphical user interface, text, application

Description automatically generated

Response:

{

"blockHash": "0x9474b035c00348b77decbb88a164b8c5a2d1313307027f1a4811c308ff5bd160",

"blockNumber": 12248755,

"contractAddress": **null**,

"cumulativeGasUsed": 9833559,

"from": "0x9c049721e04c4b38efa506aa007d6b56f3c54dfc",

"gasUsed": 89875,

"logs": [

{

"address": "0x7865af71cf0b288b4E7F654f4F7851EB46a2B7F8",

"blockHash": "0x9474b035c00348b77decbb88a164b8c5a2d1313307027f1a4811c308ff5bd160",

"blockNumber": 12248755,

"data": "0x000000000000000000000000000000000000000000003bfb95411c1b4e07bbed",

"logIndex": 243,

"removed": **false**,

"topics": [

"0xddf252ad1be2c89b69c2b068fc378daa952ba7f163c4a11628f55a4df523b3ef",

"0x0000000000000000000000007100e690554b1c2fd01e8648db88be235c1e6514",

"0x000000000000000000000000ab9bef8242c2b97772ae239a5d71c60496a06334"

],

"transactionHash": "0x5f4a22c831e7920a6c4b417f4545cb6d0285714c3817904dbc2abfef87a49f67",

"transactionIndex": 131,

"id": "log\_93cfc8eb"

},

{

"address": "0xC02aaA39b223FE8D0A0e5C4F27eAD9083C756Cc2",

"blockHash": "0x9474b035c00348b77decbb88a164b8c5a2d1313307027f1a4811c308ff5bd160",

"blockNumber": 12248755,

"data": "0x00000000000000000000000000000000000000000000000021cd42647b00125a",

"logIndex": 244,

"removed": **false**,

"topics": [

"0xddf252ad1be2c89b69c2b068fc378daa952ba7f163c4a11628f55a4df523b3ef",

"0x000000000000000000000000ab9bef8242c2b97772ae239a5d71c60496a06334",

"0x0000000000000000000000007100e690554b1c2fd01e8648db88be235c1e6514"

],

"transactionHash": "0x5f4a22c831e7920a6c4b417f4545cb6d0285714c3817904dbc2abfef87a49f67",

"transactionIndex": 131,

"id": "log\_7e69fc77"

},

{

"address": "0xAb9Bef8242c2B97772aE239A5d71c60496A06334",

"blockHash": "0x9474b035c00348b77decbb88a164b8c5a2d1313307027f1a4811c308ff5bd160",

"blockNumber": 12248755,

"data": "0x00000000000000000000000000000000000000000009b05511c58461376f92ee00000000000000000000000000000000000000000000000558084355d7ae7273",

"logIndex": 245,

"removed": **false**,

"topics": [

"0x1c411e9a96e071241c2f21f7726b17ae89e3cab4c78be50e062b03a9fffbbad1"

],

"transactionHash": "0x5f4a22c831e7920a6c4b417f4545cb6d0285714c3817904dbc2abfef87a49f67",

"transactionIndex": 131,

"id": "log\_a966a283"

},

{

"address": "0xAb9Bef8242c2B97772aE239A5d71c60496A06334",

"blockHash": "0x9474b035c00348b77decbb88a164b8c5a2d1313307027f1a4811c308ff5bd160",

"blockNumber": 12248755,

"data": "0x000000000000000000000000000000000000000000003bfb95411c1b4e07bbed0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000021cd42647b00125a",

"logIndex": 246,

"removed": **false**,

"topics": [

"0xd78ad95fa46c994b6551d0da85fc275fe613ce37657fb8d5e3d130840159d822",

"0x0000000000000000000000007100e690554b1c2fd01e8648db88be235c1e6514",

"0x0000000000000000000000007100e690554b1c2fd01e8648db88be235c1e6514"

],

"transactionHash": "0x5f4a22c831e7920a6c4b417f4545cb6d0285714c3817904dbc2abfef87a49f67",

"transactionIndex": 131,

"id": "log\_86096eb4"

},

{

"address": "0xC02aaA39b223FE8D0A0e5C4F27eAD9083C756Cc2",

"blockHash": "0x9474b035c00348b77decbb88a164b8c5a2d1313307027f1a4811c308ff5bd160",

"blockNumber": 12248755,

"data": "0x00000000000000000000000000000000000000000000000021cd42647b00125a",

"logIndex": 247,

"removed": **false**,

"topics": [

"0x7fcf532c15f0a6db0bd6d0e038bea71d30d808c7d98cb3bf7268a95bf5081b65",

"0x0000000000000000000000007100e690554b1c2fd01e8648db88be235c1e6514"

],

"transactionHash": "0x5f4a22c831e7920a6c4b417f4545cb6d0285714c3817904dbc2abfef87a49f67",

"transactionIndex": 131,

"id": "log\_8f552a54"

}

],

"logsBloom": "0x00200000000000000000000080000000000000000000000000000000000000000000000000000000000000000000000002000000080000000000000000100000080000000000000000000008000000200000100000400000000000000800000000000000000000000080000008000000000000000000040000000010000000000000000000000000000000000000000000000000001000080000004000000000000000000000000000000000000000000000000800000000000000000000000010000002000000000020000000000000000000000000001000000042000000000000200000000000000000000020000000000000000000000000000000000000",

"status": **true**,

"to": "0x7100e690554b1c2fd01e8648db88be235c1e6514",

"transactionHash": "0x5f4a22c831e7920a6c4b417f4545cb6d0285714c3817904dbc2abfef87a49f67",

"transactionIndex": 131,

"type": "0x0"

}