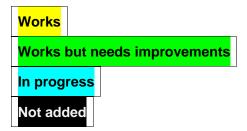
**Purpose:** This document details which endpoints are currently integrated into Assistant Atlas's backend. For initial deployment, we want basic functionality. Pagination should be possible but not extremely extensive (e.g., could get first or last 1-10 transactions information for a particular wallet address but can't get the next 1-10 after that).

## **Features To Implement:**

- -Tracking active user accounts and dividing resources (e.g. API keys) amongst them
- -Optimize "/addresses/{address\_hash}/transactions" endpoint so it doesn't take so long to retrieve last transactions of a wallet address.
- -Thorough README.md

## **ENDPOINT STATUS:**



## **BLOCKSCOUT ENDPOINTS:**



```
GET /main-page/indexing-status
get indexing status
GET /stats
get stats counters
GET /stats/charts/transactions
get txs chart
GET /stats/charts/market
get market chart
GET /transactions/{transaction hash}
get tx info
GET /transactions/{transaction hash}/token-transfers
get token transfers
GET /transactions/{transaction hash}/internal-transactions
get internal txs
GET /transactions/{transaction hash}/logs
get logs
GET /transactions/{transaction hash}/raw-trace
get raw trace
GET /transactions/{transaction hash}/state-changes
get state changes
GET /blocks/{block number or hash}
get block info
GET /blocks/{block number or hash}/transactions
get block txs
GET /blocks/{block number or hash}/withdrawals
get block withdrawals
GET /addresses
get native coin holders list
GET /addresses/{address hash}
get address info
```

```
GET /addresses/{address hash}/counter;
get address counters
GET /addresses/{address hash}/transactions
get address txs
GET /addresses/{address hash}/token-transfers
get address token transfers
GET /addresses/{address hash}/internal-transactions
get address internal txs
GET /addresses/{address hash}/logs
get address logs
GET /addresses/{address hash}/blocks-validated
get blocks validated by address
GET /addresses/{address hash}/token-balances
get all tokens balances for the address
GET /addresses/{address hash}/tokens
token balances with filtering and pagination
 GET /addresses/{address hash}/coin-balance-history
get address coin balance history
 GET /addresses/{address hash}/coin-balance-history-by-day
get address coin balance history by day
 GET /addresses/{address hash}/withdrawals
get address withdrawals
GET /tokens
get tokens list
GET /tokens/{address hash}
get token info
GET /tokens/{address hash}/transfers
get token token transfers
GET /tokens/{address hash}/holders
get token holders
```

```
GET /tokens/{address hash}/counters
get token holders
GET /tokens/{address hash}/instances
get NFT instances
GET /tokens/{address hash}/instances/{id}
get NFT instance by id
GET /tokens/{address hash}/instances/{id}/transfers
get transfers of NFT instance
GET /tokens/{address hash}/instances/{id}/holders
get token instance holders
GET /tokens/{address hash}/instances/{id}/transfers-count
get transfers count of NFT instance
GET /smart-contracts
get verified smart contracts
GET /smart-contracts/counters
get verified smart contracts counters
GET /smart-contracts/{address hash}
get smart contract
GET /smart-contracts/{address hash}/methods-read
get read methods
GET /smart-contracts/{address hash}/methods-read-proxy
get read methods proxy
GET /smart-contracts/{address hash}/methods-write
get write methods
GET /smart-contracts/{address hash}/methods-write-proxy
get write methods proxy
POST /smart-contracts/{address_hash}/query-read-method
query read method
GET /config/json-rpc-url
get json rpc url
```



## Planning:

My Prompt: which of these endpoints would be most useful to you in helping users like me? Rank them in order of importance. Exclude the /search, /transactions/{transaction\_hash}, /blocks/{block\_number\_or\_hash}, /addresses/{address\_hash}/counters, /addresses/{address\_hash}/transactions endpoints. <<<...>>>

Atlas Response (using GPT 4): Considering the given constraints, here are the endpoints ranked in order of importance to help users:

- 1. \*\*GET/tokens/{address\_hash} get token info\*\* Crucial for providing detailed information about a specific token, which can include token name, symbol, total supply, and other token specific details that might be of interest to users engaged in token trading or holding.
- 2. \*\*GET/addresses/{address\_hash}/token-transfers get address token transfers\*\* Vital for users who are looking to understand token movements to and from a specific address, helping to track token transactions including incoming and outgoing transfers.
- 3. \*\*GET/smart-contracts/{address\_hash} get smart contract\*\* Important for users who are interacting with smart contracts by providing details about the contract, such as verification status, contract creator, contract code among others. It might also be helpful for developers or those looking into the functionality or integrity of a smart contract.
- 4. \*\*GET/tokens/{address\_hash}/instances get NFT instances\*\* For users interested in NFTs, getting details about NFT instances associated with a particular contract can provide insight into the NFTs owned or created under that contract, their metadata, and properties.
- 5. \*\*GET/addresses get native coin holders list\*\* This endpoint can be useful for users interested in understanding the distribution of the native coin among holders, which might be indicative of the health and decentralization of the network.
- 6. \*\*GET/stats get stats counters\*\* Provides access to overall network statistics such as the total number of transactions, blocks, and other relevant data. This can be beneficial for users interested in the general state and activity level of the network.
- 7. \*\*GET/smart-contracts/{address\_hash}/methods-read get read methods\*\* For users who are engaging with or developing smart contracts, knowing the read methods available can assist in understanding how to interact with the smart contract without triggering state changes.
- 8. \*\*GET/tokens/{address\_hash}/holders get token holders\*\* Gives information about the distribution of token holders, which can be particularly informative for users interested in token economics or looking into the decentralization aspect of a token.
- 9. \*\*GET/addresses/{address\_hash}/token-balances get all tokens balances for the address\*\* This endpoint is essential for users who want a comprehensive view of their token holdings across different tokens in a single address.
- 10. \*\*GET/main-page/transactions get main page txs\*\* Offers a glimpse into the most recent or significant transactions on the network, which might be of interest to users keeping an eye on network activity or looking for trends. These endpoints provide a variety of data and functionalities ranging from token and NFT details, smart contract interactions, network statistics, and holding patterns, which are critical for users with diverse needs and interests on the Ethereum network.