

**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:

Works
Works but needs improvements
In progress
Not added

### BLOCKSCOUT ENDPOINTS:

GET /search	search
GET /search/check-redirect	search redirect
GET /transactions	get txs
GET /blocks	get blocks
GET /main-page/transactions	get main page txs
GET /main-page/blocks	get main page blocks

**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}/counters

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

**GET /withdrawals**  
get withdrawals

## 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.