**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.