Backend ENVs: Integrations

The following ENVs are used for different integrations. Some work with various microservices (when the variable begins with MICROSERVICE) while others are contained within the application.

More info on Blockscout Rust MicroServices is available in the blockscout-rs Github Repo .

Time format

Can be set in format 1h for 1 hour, 1m for 1 minute, 1s or 1 for 1 second, 1ms for 1 millisecond

Note : Before release 5.1.2, all environment variables of time format supported only integers in seconds (without dimensions) as values.

Smart-contract verifier / Eth Bytecode DB

Connecting to the smart contract verification service Variable Description Parameters MICROSERVICE_SC_VERIFIER_ENABLED If true , integration with Rust smart-contract verifier is enabled. true is the default value starting from version 6.4.0. Implemented in #5860 Version: v.5.1.3+ Default: true Applications: API MICROSERVICE_SC_VERIFIER_URL URL of Rust smart-contract verifier. Implemented in #5860 Version: v.5.1.3+ Default: https://eth-bytecode-db.services.blockscout.com/ Applications: API MICROSERVICE_ETH_BYTECODE_DB_INTERVAL_BETWEEN_LOOKUPS Minimal time after unsuccessful check of smart contract's sources in Eth Bytecode DB. Implemented in #7187 . Version: v.5.1.3+ Default: 10m Applications: API MICROSERVICE_SC_VERIFIER_TYPE Type of smart contract microservice could be either eth_bytecode_db or sc_verifier . Implemented in #7187 Version: v.5.1.3+ Default: eth_bytecode_db Applications: API MICROSERVICE_ETH_BYTECODE_DB_MAX_LOOKUPS_CONCURRENCY Maximum amount of concurrent requests for fetching smart contract's sources in Eth Bytecode DB. Implemented in #8472 Version: v.5.3.0+ Default: 10 Applications: API MICROSERVICE_SC_VERIFIER_API_KEY API key for verification that metadata sent to verifier microservice from a trusted source. Implemented in #8750 Version: v.5.3.2+ Default: (empty) Applications: API

Sol2Uml

Sol2Uml is a visualisation tool for Solidity contracts. ?

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Variable Description Parameters MICROSERVICE_VISUALIZE_SOL2UML_ENABLED If true , integration with Rust sol2uml visualizer is enabled. Implemented in #6401 Version: v.5.1.3+ Default: (empty) Applications: API MICROSERVICE_VISUALIZE_SOL2UML_URL URL of Rust visualizer. Implemented in #6401 Version: v.5.1.3+ Default: (empty) Applications: API

Sig-provider

The Sig-provider microservice is used by Blockscout to display decoded transaction data on transaction pages and to determine transaction actions Variable Description Parameters MICROSERVICE_SIG_PROVIDER_ENABLED If true , integration with Rust sig-provider service is enabled. Implemented in #6541 Version: v.5.1.3+ Default: (empty) Applications: API MICROSERVICE_SIG_PROVIDER_URL URL of Rust sig-provider service. Implemented in #6541 Version: v.5.1.3+ Default: (empty) Applications: API

Blockscout ENS

Blockscout ENS provides indexed data of domain name service for blockscout instances Learn more . Variable Description Parameters MICROSERVICE_BENS_ENABLED If true , integration with Blockscout ENS service is enabled. Implemented in #8972 Version: v.5.4.0+ Default: (empty) Applications: API MICROSERVICE_BENS_URL URL of Blockscout ENS service. Implemented in #8972 Version: v.5.4.0+ Default: (empty) Applications: API

Blockscout Account Abstraction

Enables the User Ops Indexer , a service designed to index, decode and serve user operations as per the ERC-4337 standard Variable Description Parameters MICROSERVICE_ACCOUNT_ABSTRACTION_ENABLED If true , integration with Blockscout Account Abstraction service is enabled. Implemented in #9145 Version: v.6.1.0+ Default: (empty) Applications: API MICROSERVICE_ACCOUNT_ABSTRACTION_URL URL of Blockscout ENS service. Implemented in #9145 Version: v.6.1.0+ Default: (empty) Applications: API

Tx Interpreter (Summary) Service

Variable Description Parameters MICROSERVICE_TRANSACTION_INTERPRETATION_ENABLED If true , integration with Tx Interpreter Service is enabled. Implemented in #8957 Version: v.5.4.0+ Default: (empty) Applications: API MICROSERVICE_TRANSACTION_INTERPRETATION_URL URL of Tx Interpreter Service. Implemented in #8957 Version:

v.5.4.0+ Default: (empty) Applications: API

Metadata Service

Variable Description Parameters MICROSERVICE_METADATA_ENABLED Iftrue , integration with Metadata Service is enabled. Implemented in#9706 Version: v.6.4.0+ Default: (empty) Applications: API MICROSERVICE_METADATA_URL URL of Metadata Service. Implemented in#9706 Version: v.6.4.0+ Default: (empty) Applications: API

Sourcify

Allows for contract verification viaSourcify Variable Description Parameters SOURCIFY_INTEGRATION_ENABLED Enables or disables verification of contracts through Sourcify. Version: v.5.1.3+ Default:false Applications: API SOURCIFY_SERVER_URL URL to Sourcify backend. Version: v.3.7.0+ Default:https://sourcify.dev/server Applications: API SOURCIFY_REPO_URL URL to Sourcify repository with fully verified contracts. Version: v.3.7.0+ Default:https://repo.sourcify.dev/contracts/ Before v3.7.1:https://repo.sourcify.dev/contracts/full_match/ Applications: API

Tenderly

Variable Description Parameters SHOW_TENDERLY_LINK iftrue , Open in Tenderly" button is displayed on the transaction page. Implemented in#4656 Version: v.4.0.0+ Default: (empty) Applications: API TENDERLY_CHAIN_PATH Chain path to the transaction in Tenderly. For instance, for transactions in xDai, Tenderly link looks like thishttps://dashboard.tenderly.co/tx/xdai/0x... , thenTENDERLY_CHAIN_PATH =/xdai. Implemented in#4656 Version: v.4.0.0+ Default: (empty) Applications: API

Datadog

Integratio with the Datadog monitoring and analytics tools Variable Description Parameters DATADOG_HOST Host configuration setting forDatadog integration . Version: all Default: (empty) Applications: API DATADOG_PORT Port configuration setting forDatadog integration . Version: all Default: (empty) Applications: API

Spandex

Spandex is a library for tracing Elixir applications Variable Description Parameters SPANDEX_BATCH_SIZESpandex and Datadog configuration setting. Version: all Default: (empty) Applications: API SPANDEX_SYNC_THRESHOLD Spandex and Datadog configuration setting. Version: all Default: (empty) Applications: API

Analytics

Variables for adding Mixpanel and/or amplitude for visitor analytics. Variable Description Parameters MIXPANEL_TOKEN Mixpanel project token. Needs Recompile: ☑ Version: v5.0.0+ Default: (empty) Applications: API MIXPANEL_URL Url to use Mixpanel with proxy (Collection via Proxy). Needs Recompile: ☑ Version: v5.0.0+ Default: (empty) Applications: API AMPLITUDE_API_KEY Amplitude API key. Needs Recompile: ☑ Version: v5.0.0+ Default: (empty) Applications: API AMPLITUDE_URL Url to use Amplitude with proxy (Use Domain Proxy to Relay Events). Needs Recompile: ☑ Version: v5.0.0+ Default: (empty) Applications: API

Solidityscan

Enables security scoring for smart contracts ?

Variable Description Parameters SOLIDITYSCAN_CHAIN_ID Solidityscan Internal chain id in Solidityscan. It may not match with actual chain ID. Implemented in#8908 Version: v5.3.3+ Default: (empty) Applications: API SOLIDITYSCAN_API_TOKEN Solidityscan API token for usage of Solidityscan API. Version: v5.3.3+ Default: (empty) Applications: API

Noves.fi

Adds additional transaction details such as summaries and asset flowsMore info here . Variable Description Parameters NOVES_FI_BASE_API_URL Noves.fi API base URL. Implemented in#9056 . Version: v.6.1.0+ Default:https://blockscout.noves.fi Applications: API NOVES_FI_CHAIN_NAME Noves.fi API chain name. Implemented in#9056 . Version: v6.1.0+ Default: (empty) Applications: API NOVES_FI_API_TOKENNoves.fi API token. Implemented in#9056 . Version: v6.1.0+ Default: (empty) Applications: API

Zerion

Enables Zerion integration, which includes multichain net worth view.

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Variable Description Parameters ZERION_BASE_API_URL Zerion API base URL. Implemented in#9896 . Version: v.6.5.0+

Default:https://api.zerion.io/v1 Applications: API ZERION_API_TOKEN [Zerion API](#) token. Implemented in[#9896](#) . Version: v6.5.0+ Default: (empty) Applications: API

MUD framework

[The MUD framework](#) provides standardized tools for data retrieval, libraries and more. Variable Description Parameters MUD_INDEXER_ENABLED Iftrue , integration with[MUD](#) is enabled. Implemented in[#9869](#) Version: v6.6.0+ Default: (empty) Applications: API MUD_DATABASE_URL MUD indexer DB connection URL. Version: v.6.6.0+ Default: value fromDATABASE_URL Applications: API MUD_POOL_SIZE MUD indexer DBpool_size Version: v.6.6.0+ Default:50 Applications: API

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