

A.1.5 Log Class

Basic Ethereum Data Store

Reads from the [Ethereum blockchain](#). Logs are created for contract based transactions and creates events in the table "Events".¹⁾

Log	
PK	id: text (composite)
	block_number: numeric
	block_hash: text
	transaction_index: numeric
	transaction_hash: text
	log_index: numeric
	address: text
	data: text
	type: text
	timestamp: timestamp with time zone
	log_id: text
	topics: text[]

Figure 1: The Ethereum Log Class

Id

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Description	Identifier Hash
Datatype	Text (Composite)
Example	0x00000000cc7c3b7faeca2e5059320a584cedbaf55c82ced3e57948ae21e3609

Block Number

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Description	Block number where this log was in. null when its pending. Block height shows lenght of blockchain
Datatype	Numeric
Example	9529604

Block Hash

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Description	Hash of the block where this lg was in. null when its pending.
Datatype	text
Example	0x7eaea3baacd3b5ffb9833abf9c77a851db0feb874a93d97cfca89c9e891adaa2

Transaction Index

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Description	Integer of the transaction index position log was created from
Datatype	numeric
Example	33

Transaction Hash

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Description	Hash of the transactions this log was created from
Datatype	text
Example	0xeaf089acba8a7ca74feee1b35ca0ab62aa42c5ba3c746a4aed94a308d6a674fb

Log Index

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Description	Integer of the log index position in the block
Datatype	numeric
Example	82

Address

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Description	Address from which this log originated
Datatype	text
Example	0x4D58b1E8007078eCc6eaf6DF7527b64E46831D23

1)

<https://docs.google.com/spreadsheets/d/1ehCIQxjSZcVLnddDWHBzhPb8h83mHWZxvyX9eckghbU/edit#gid=408398242>

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