

Projects

The Projects table includes information on different projects where the deployed chain is Ethereum. We acquire this table by matching the "_id" field in the "Projects" table (in the *knowledge_graph* database) to its counterpart in the *chain_0x1.smart_contract* table.

Sample data:

```
{ "_id": "timeless",
  "name": "Timeless",
  "tvl": 5654881,
  "deployedChains": ["0x1", "0x89"],
  "subprojects": {},
  "idDefiLlama": "timeless",
  "rankTVL": 418,
  "marketShare": 5.210498308353916e-05,
  "sources": ["defillama", "defi"],
  "imgUrl": "https://icons.llamao.fi/icons/protocols/timeless",
  "tvlChangeRate": 0.0019,
  "tvlChangeLogs": {
    "1676026500": 6106123,
    "1676028184": 6106123,
    // (more logs)
  }
}
```

Field	Data Type	Description
_id	String	Unique identifier for the project.
name	String	Name of the project.
tvl	Int	Total Value Locked in the project.
deployedChains	Array[String]	List of chains where the project is deployed.
subprojects	Object	Subprojects related to the main project.

idDefiLlama	String	Identifier in the DefiLlama platform.
rankTVL	Int	Rank based on Total Value Locked.
marketShare	Float	Market share of the project.
sources	Array[String]	Sources of project information.
imgUrl	String	URL of the project's image.
tvlChangeRate	Float	Rate of change in Total Value Locked.
tvlChangeLogs	Object	Logs of TVL changes over time.
id	String	Identifier for the project.
contract_addresses	Array[String]	Addresses of the project's contracts.

Participants

This table includes 5 lists of user addresses involved in transactions with the top 5 projects using the *ethereum_blockchain_etl.transactions* table. The top 5 projects are chosen based on the number of owners and the number of items they have.

Sample data:

```
{
  "clonex": [
    "0x0fa54d0781c809ad625e475c9084dcac8ee2b85d",
    "0xceb7f6aa90d3ad33366278548007ca85cd4cef45",
    "0xcf61625b4f35015d2abebe0ea390e1396d992f3c",
    "0x7e9e9f206a0cea643708c0b4eb93fbc28d88b606",
    "0xf7f5090cf84771be616d738fefc5092f33f87b74",
    // (more addresses)
  ]
}
```

Field	Data Type	Description
Project	String	Name of the project.

Addresses	Array	Array of user addresses associated with the project.
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Transferring events of users

This table contains all transferring events associated with the users in the *Participants* table using the *chain_0x1.table.token_transfer* table.

Sample data:

```
{
  "contract_address": "0xdac17f958d2ee523a2206206994597c13d831ec7",
  "transaction_hash":
  "0xcc12e4ed5ec11bd7c73fd234d827daf22259e404148e556ed0ad1c0892edfd66",
  "log_index": 172,
  "block_number": 18113202,
  "from_address": "0x0bf76dc3f8b85bb735fb3df636a5cc3d5b934455",
  "to_address": "0x4d050b100d050da4c236fc7804fdd5c33ba767ea",
  "value": 232394
}
```

Field	Data Type	Description
contract_address	String	Address of the smart contract.
transaction_hash	String	Hash of the transaction.
log_index	Int	Index of the log in the block.
block_number	Int	Number of the block containing the event.
from_address	String	Address from which the transfer occurred.
to_address	String	Address to which the transfer occurred.
value	Int	Value of the transfer.

Lending events of users

This table contains all lending events associated with the users in the *Participants* table using the *ethereum_blockchain_etl.lending_event* table.

Sample data:

```
{ "_id":  
  "transaction_0xed1bfcea9350ac56c8a45f2fc2b974d1a4e44a2a5e21f446a118ab222b3b5676_RESERVEUSEDASCOLLATERALENABLED_13405252_39",  
  "block_number": 13405252.0,  
  "block_timestamp": 1634063160,  
  "contract_address": "0x7d2768de32b0b80b7a3454c06bdac94a69ddc7a9",  
  "decimal_of_reserve": 18.0,  
  "event_type": "RESERVEUSEDASCOLLATERALENABLED",  
  "log_index": 39,  
  "price_of_reserve": "349035702911",  
  "reserve": "0xc02aaa39b223fe8d0a0e5c4f27ead9083c756cc2",  
  "transaction_hash":  
    "0xed1bfcea9350ac56c8a45f2fc2b974d1a4e44a2a5e21f446a118ab222b3b5676",  
  "type": "event",  
  "user": "0x401982cbe24f6eeeab77c463d5be0fc4c986be1b",  
  "wallet": "0x401982cbe24f6eeeab77c463d5be0fc4c986be1b"  
}
```

Field	Data Type	Description
_id	String	Unique identifier for the lending event.
block_number	Float	Number of the block containing the event.
block_timestamp	Int	Timestamp of the block containing the event.
contract_address	String	Address of the smart contract.
decimal_of_reserve	Float	Decimal value of the reserve.
event_type	String	Type of lending event.
log_index	Int	Index of the log in the block.
price_of_reserve	String	Price of the reserve.
reserve	String	Address of the reserve.

transaction_hash	String	Hash of the transaction.
type	String	Type of event.
user	String	User address associated with the event.
wallet	String	User's wallet address.

Transactions of users

This table contains all transactions associated with the users in the *Participants* table using the *ethereum_blockchain_etl.transactions* table.

Sample data:

```
{ "_id":
"transaction_0x96f7eaae8b4c85333d7cdfc7f3ff9abdb7ccf31b99d58bd699246ee2...",
"type": "transaction",
"hash":
"0x96f7eaae8b4c85333d7cdfc7f3ff9abdb7ccf31b99d58bd699246ee291e4cf5a",
"nonce": 523,
"transaction_index": 20,
"from_address": "0xceb7f6aa90d3ad33366278548007ca85cd4cef45",
"to_address": "0x86825dfca7a6224cfbd2da48e85df2fc3aa7c4b1",
"value": "0",
"gas": "375207",
"gas_price": "26904057429",
"input": "0xd5482804",
"block_timestamp": 1650712295,
"block_number": 14640713,
"block_hash":
"0x5f45ff47d5546016c61f64397422a86faa224302341b8444d7c619894dde03c0",
"receipt_cumulative_gas_used": "1397648",
"receipt_gas_used": "365302",
"receipt_contract_address": null,
"receipt_root": null,
"receipt_status": 1,
```

"item_timestamp": "2022-04-23T11:11:35Z"}

Field	Data Type	Description
_id	String	Unique identifier for the transaction.
type	String	Type of event (e.g., "transaction").
hash	String	Hash of the transaction.
nonce	Int	Number of transactions sent by the sender before this one.
transaction_index	Int	Position of this transaction within the block.
from_address	String	Ethereum address of the sender.
to_address	String	Ethereum address of the recipient.
value	String	Value transferred in Wei (cryptocurrency unit).
gas	String	Gas provided by the sender.
gas_price	String	Gas price offered by the sender in Wei.
input	String	Input data of the transaction.
block_timestamp	Int	Unix timestamp of the block containing the transaction.
block_number	Int	Block number containing the transaction.
block_hash	String	Hash of the block containing the transaction.
receipt_cumulative_gas_used	String	Cumulative gas used in the block containing the transaction.
receipt_gas_used	String	Gas used by the transaction.
receipt_contract_address	String/Null	Contract address if the transaction created a contract.
receipt_root	String/Null	Root of the transaction receipt trie.

receipt_status	Int	Status code indicating success (1) or failure (0).
item_timestamp	String	Timestamp of the transaction in ISO 8601 format.