

A.1.6 Token Class

Basic Ethereum Data Store

Mostly pulled from Etherscan. Describes a token including type, name, symbol and total supply. On [Ethereum](#) there are three types of [tokens](#) - utility, security and equity token.

See:

<https://docs.google.com/spreadsheets/d/1ehCIQxjSZcVLnddDWHBzhPb8h83mHWZxvyX9eckghbU/edit#gid=1071981661>

Token	
PK	id:text (deployment-address)
	name: text
	symbol: text
	type: text
	decimals: numeric
	total_supply: numeric
	updated_at: timestamp with time zone
	probability: numeric
	links: jsonb
	address: text
	created_at: timestamp with time zone

Figure 1: The Ethereum Token Class

Id

[Return to Top](#)

Primary Key

Description	ID
Datatype	text (deployment-address)
Example	0x000c100050e98c91f9114fa5dd75ce6869bf4f53

Name

[Return to Top](#)

- **Note:** value not coming from blockchain! No standard!

Description	a human readable name for the contract.
Datatype	text
Example	Crypto10 Hedged

Symbol

[Return to Top](#)

- **Note:** value not coming from blockchain! No standard!

Description	the currency symbol of the contract.
Datatype	text
Example	C10

Type

[Return to Top](#)

- **Note:** value not coming from blockchain! No standard!

Description	Used standard
Datatype	text
Example	ERC-20

Decimals

[Return to Top](#)

Description	Number of decimals
Datatype	numeric
Example	18

Total Supply

[Return to Top](#)

sometimes fixed supply, sometimes issuance possible

Description	the total supply of shared value for the currency.
Datatype	numeric
Example	6.52E+23

Updated At

[Return to Top](#)

on blockchain no updates are possible!

Description	Last update timestamp of these values in Anyblock database
Datatype	timestamp with time zone
Example	2019-05-18 08:06:22+00

Probability

[Return to Top](#)

Currently these are set to 1 for all data that we can retrieve from the blockchain or verify via Etherscan. In case we're able to find a matching contract in our database by comparing the byte code of a contract or find a similar contract on a different blockchain, this is reflected in the probability. The probabilities are then copied into the Event and Call tables to give an indication of how sure we are this is the right translation.

Description	the truthness of this token information. 1.0 is the best
Datatype	numeric
Example	0.8

Links

[Return to Top](#)

Description	an array of weblinks with description and link
Datatype	jsonb
Example	<pre>[{"link": "https://invictuscapital.com/crypto10hedged", "description": "website"}, {"link": "https://etherscan.io/token/images/c10_28.png", "description": "logo"}, {"link": "team@invictuscapital.com", "description": "email"}, {"link": "https://medium.crypto20.com/", "description": "blog"}, {"link": "https://www.reddit.com/r/invictuscapital", "description": "reddit"}]</pre>

Address

[Return to Top](#)

the address is technically the hash of a public key

Description	address of the deployed contract
Datatype	0x000C100050E98C91f9114fa5Dd75CE6869Bf4F53
Example	ExampleText

Created At

[Return to Top](#)

Description	Timestamp of creation date
Datatype	timestamp with time zone
Example	2019-05-02 12:08:42+00

From: <https://www.omgwiki.org/dido/> - **DIDO Wiki**

Permanent link: https://www.omgwiki.org/dido/doku.php?id=dido:public:s_cli:05_contents:03_prt:08_basic_dido_objects:06_token:start

Last update: **2021/08/18 10:12**

