

HTTP interface to CasperExplorer server (v2)

Black text should/will appear as is; orange text should/will be substituted with values of the specified type.

get /data

Read current state of the app from server.

request body	response body
	<pre>{ accounts: [{ // zero or more name: string, publicKey: string }], payment: [string // zero or more], session: [string // zero or more] }</pre>

put /key NOT IMPLEMENTED

Store new key pair uploaded from client and identified by “name”.

Any existing key pair saved under “name” will be overwritten.

request body	response body
<pre>{ name: string, public: string, // pem format private: string // pem format }</pre>	<pre>{ status: boolean, message: string }</pre>

delete /key NOT IMPLEMENTED

Delete key pair identified by “name”.

TBD: What about any corresponding account?

request body	response body
<pre>{ name: string }</pre>	<pre>{ status: boolean, message: string }</pre>

post /account

Create key pair on server, create account identified by “name” (and the public key of that pair), and initialize its balance to “balance”.

request body	response body
<pre>{ name: string, balance: int }</pre>	<pre>{ status: boolean, message: string, publicKey: string }</pre>

put /contract

Store new contract in the contract library.

request body	response body
<pre>{ name: string, type: string, // "payment","session" wasm: string // base64 encoded }</pre>	<pre>{ status: boolean, message: string }</pre>

delete /contract

Delete contract identified by "name" from the contract library.

request body	response body
<pre>{ name: string }</pre>	<pre>{ status: boolean, message: string }</pre>

post /contract

Deploy specified contracts to a node.

request body	response body
<pre>{ payment: string, paymentArgs: string, session: string, sessionArgs: string }</pre>	<pre>{ status: boolean, message: string }</pre>

get /query

Query state of the DAG.

request body	response body
<pre>{ blockHash: string, keyVariant: string, // enum keyBytes: string, path: string }</pre>	<pre>{ result: string }</pre>