

Homepage:

The screenshot shows a web browser window with the address bar displaying 'localhost:8000'. The page title is 'Blockchain-based e-voting simulation'. Below the title, there are two main sections: 'BLOCK' and 'CHAIN'. The 'BLOCK' section lists the following topics: 'Example of ballot', 'Ballot structure', 'Signature verification', and 'Block sealing process'. The 'CHAIN' section lists: 'Batch transactions (300)', 'Block chaining (30)', 'Block detail', and 'Blocks verification'. Both sections have a 'Start' button. The 'CHAIN' section also has links for 'See transactions' and 'See blocks'.

Blockchain-based e-voting simulation

"BLOCK"

This part will show:

- Example of ballot
- Ballot structure
- Signature verification
- Block sealing process

Start

"CHAIN"

This part will show:

- Batch transactions (300)
- Block chaining (30)
- Block detail
- Blocks verification

Start

[See transactions](#)

[See blocks](#)

Ballot:


The screenshot shows a web browser window with the address bar displaying 'localhost:8000/ballot/create/'. The page title is 'Best Artist Nomination'. Below the title, there is a 'Your ID:' field with the value '064588a2-8af7-4d6b-9b7a-eea8ab81104b'. Below this, there is a section titled 'Eligible candidates are shown below:' with three candidate images and names: 'Freddie Mercury (1)', 'Jon Bon Jovi (2)', and 'Suicidal Guy from Colourbox (3)'. Below the candidates, there is a 'Your candidate choice:' field with the value '3'. Below this, there is a 'Your private key:' field with the value '-----BEGIN PRIVATE KEY----- MIGHAgEAMBMGBYqGSM49AgEGCCqGSM49AwEHBG0wawIBAQQgkScFYOR4uBsYXmd5'.

Best Artist Nomination


Your ID:

064588a2-8af7-4d6b-9b7a-eea8ab81104b


Eligible candidates are shown below:



Freddie Mercury (1)



Jon Bon Jovi (2)



Suicidal Guy from Colourbox (3)

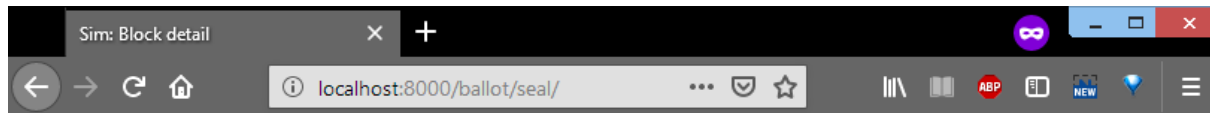
Your candidate choice:

3

Your private key:

-----BEGIN PRIVATE KEY-----
MIGHAgEAMBMGBYqGSM49AgEGCCqGSM49AwEHBG0wawIBAQQgkScFYOR4uBsYXmd5

Ballot Details:



Block detail

Previous hash	GENESIS
Transaction hash	f97d51e529d2ff044e1762877dca427faf5af96b053fcd418fb705f22dc8c9eb
Block hash	0000e0a499106c65b261b375a39488d3e4debedb18001bc0d49ff681ccca8f78
Nonce	71252
Timestamp	1541659440.298025 (2018-11-08 13:44:00)

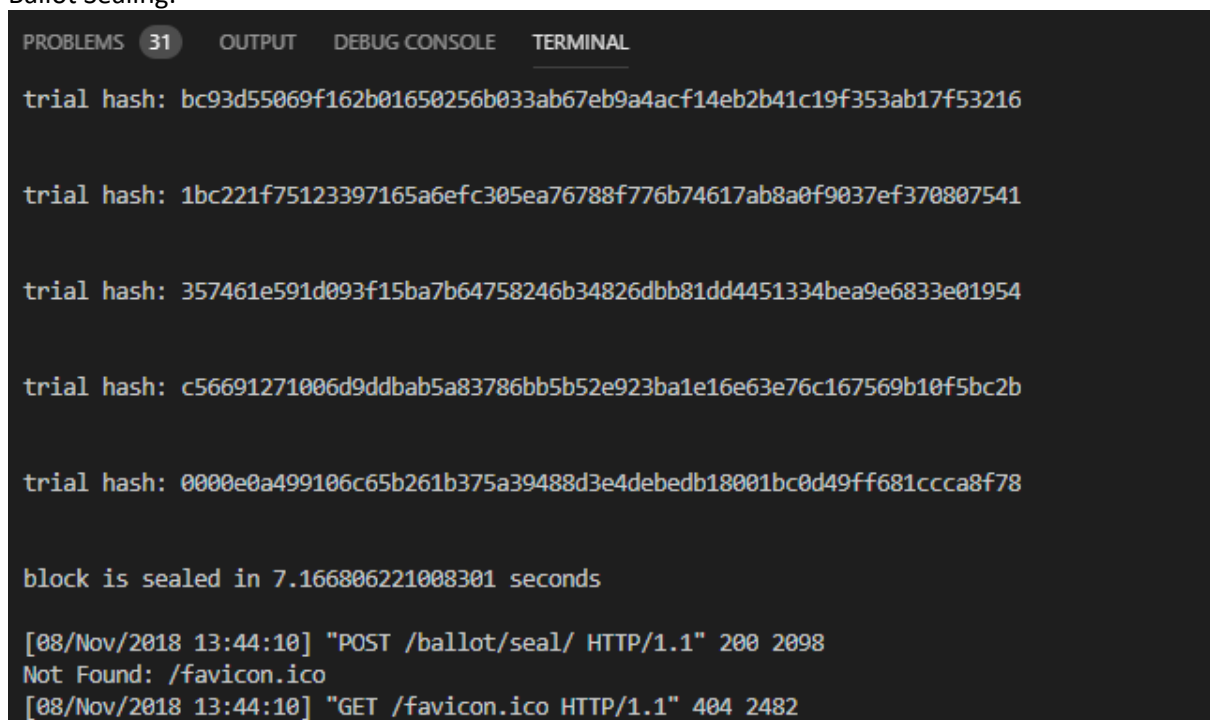
[Back to homepage](#)

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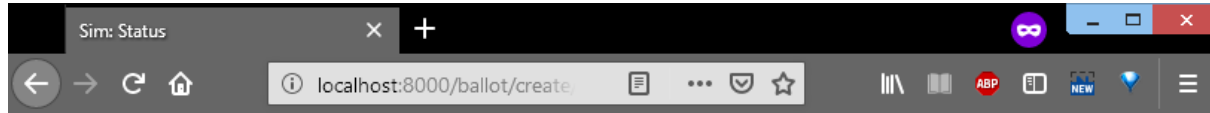
23 Oct 2018

This software is only a prototype to simulate a concept.

Ballot Sealing:



Ballot Verification:



Signature Verification

Your ballot was 064588a2-8af7-4d6b-9b7a-aaa8ab81104b|3|1541659335.460407

Generated signature b'\xe2`\x88\x0e1\x9b7\xb7\\wR\x14\x00\xf3\xa6\\\x05m}}
\xc16\x08k\xb9\xf3\xaa\xbfY\$^\$15x\x11\\\xc0 }\x0c\xb5t\x15\x11\xe6\x0b\xcd\x12
\xfd\x1a0\x1d\xd1\$]\xeb\xe5\x17\xb4\xbc_\x12'

The ballot is signed successfully.

Seal the ballot

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