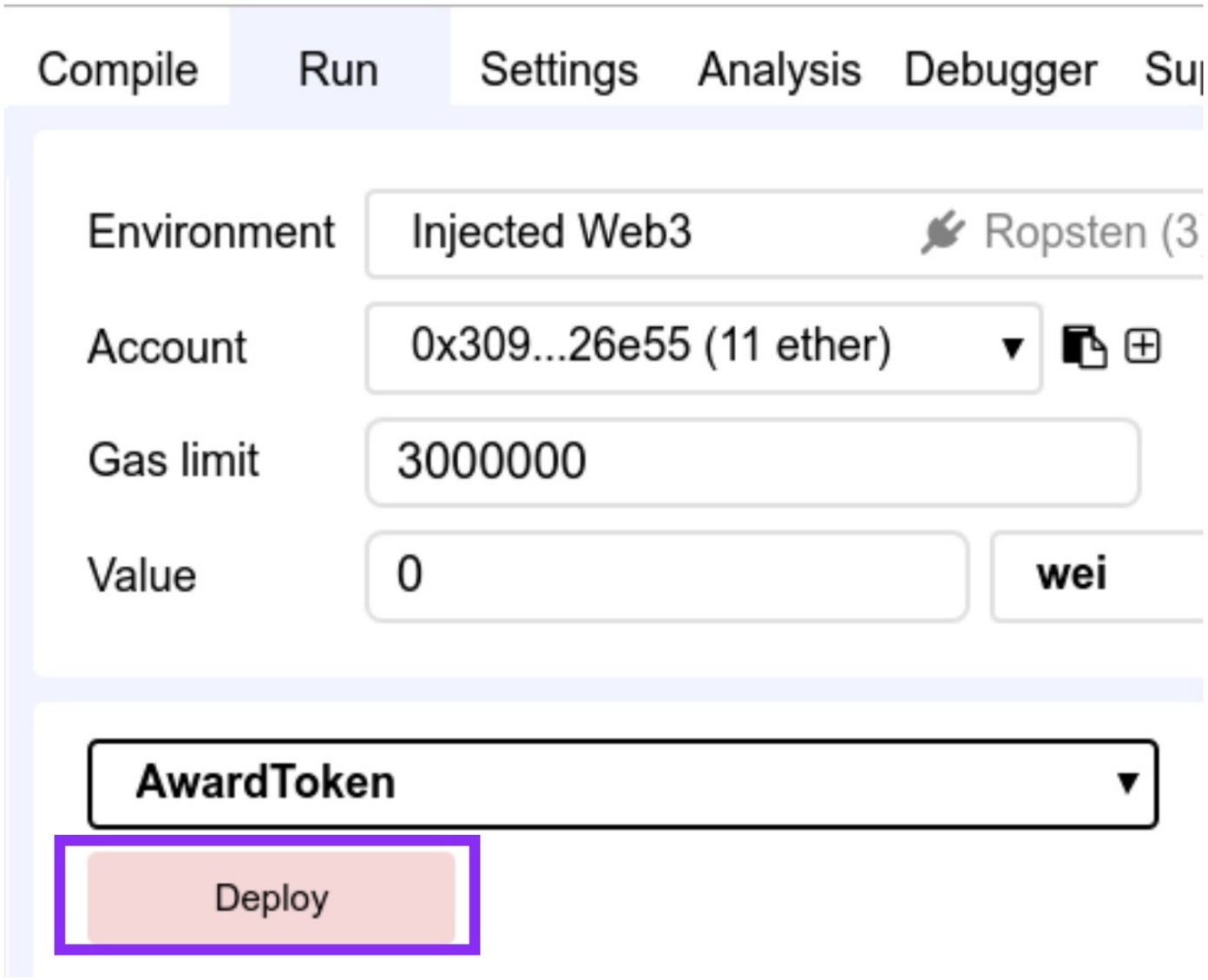
Part II

Deploy & AtAddress

Deploy the contract

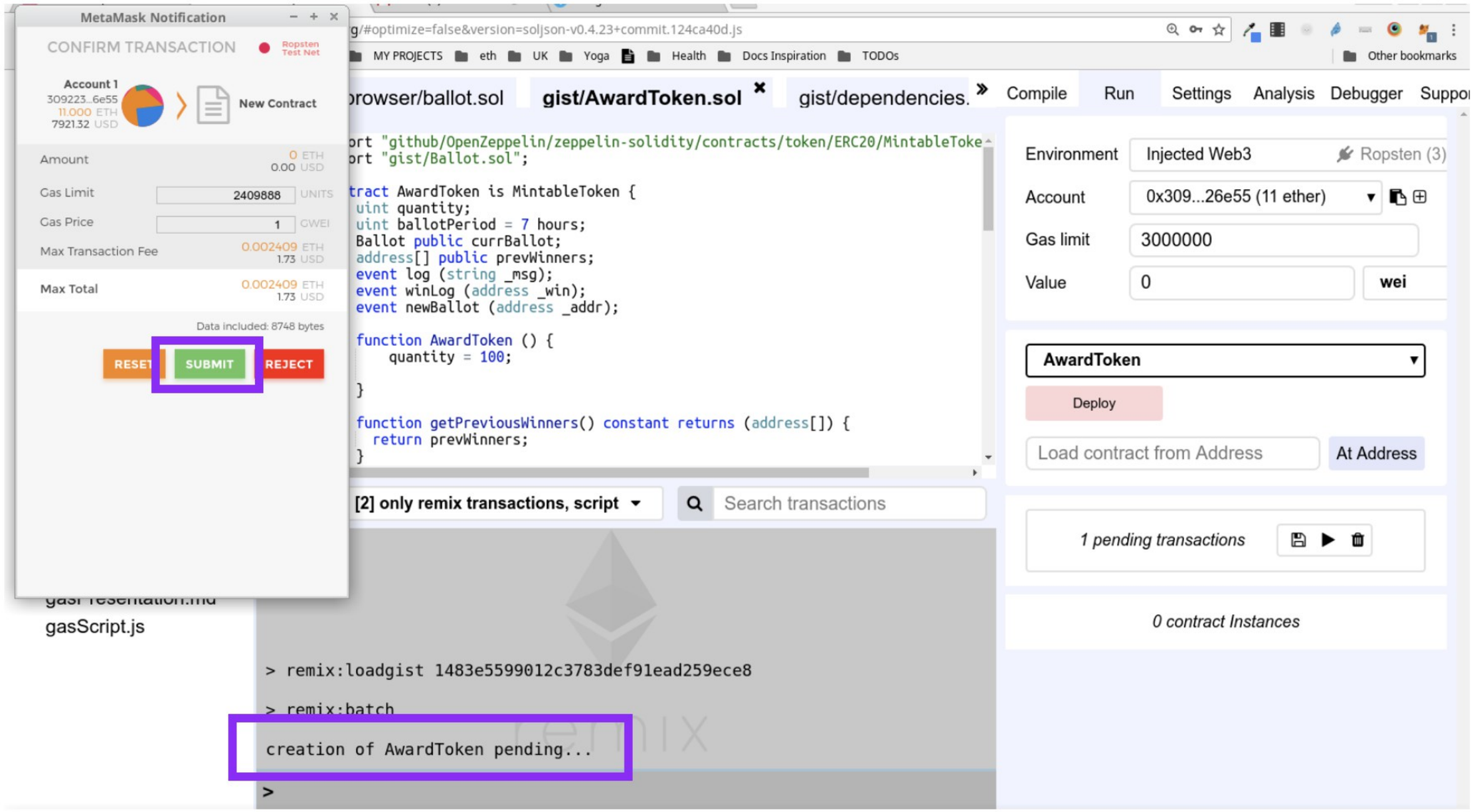
Run tab: Deploy button



Confirm the transaction

Submit button

But make sure you put in a gas price!



Check if tx is mined

Terminal logs in Remix

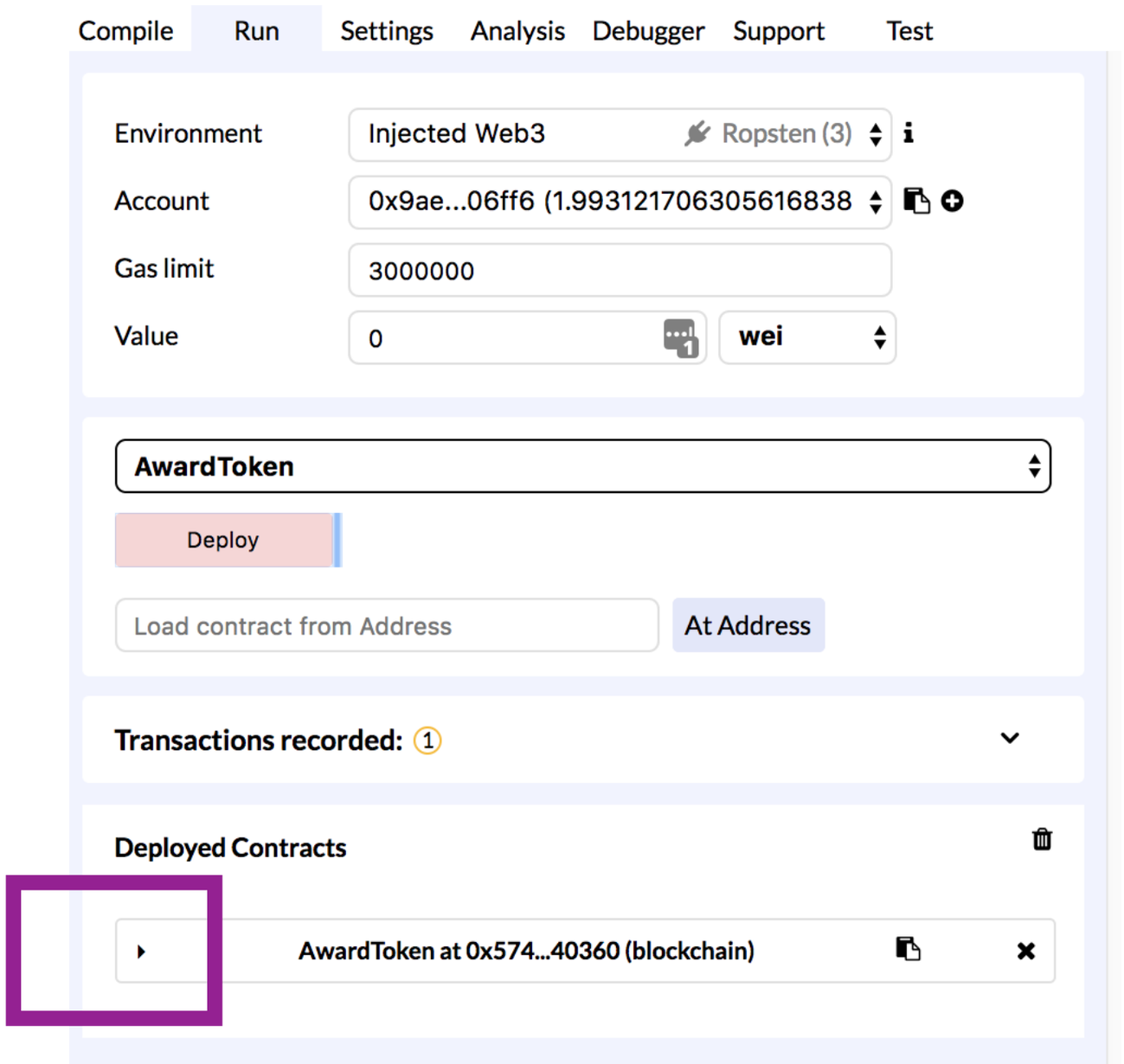
```
creation of AwardToken pending...

https://ropsten.etherscan.io/tx/0x404a4445ebb3a969b15257a586a61582afa07
dcf02b1b2617f77519b30378be8
```

```
▶ [block:3159099 txIndex:2]  from:0x309...26e55
to:AwardToken.(constructor) value:0 wei data:0x608...70029
logs:0 hash:0x404...78be8
```

Debug

Click to see the contract's UI

On the deployed contract



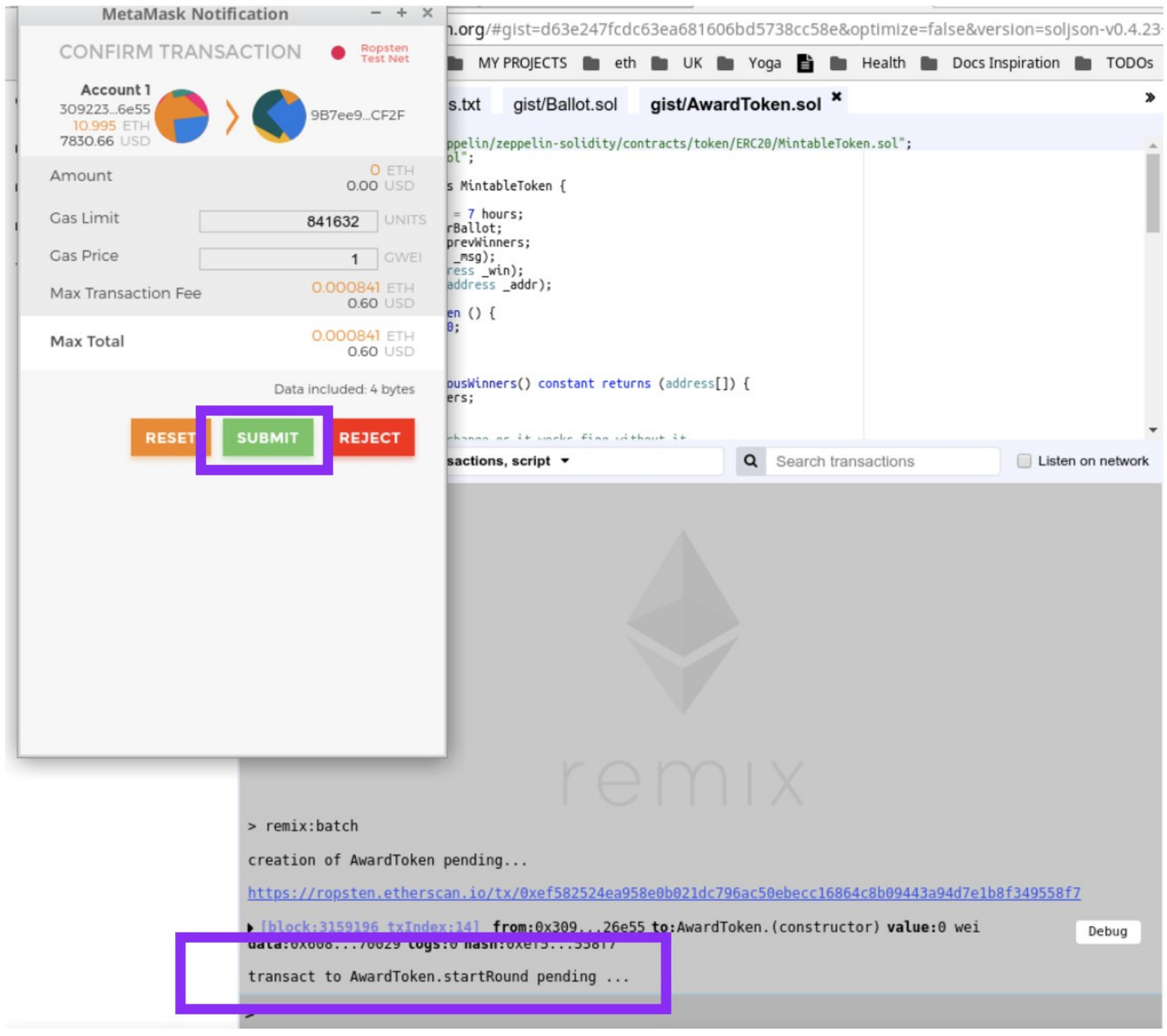
Behold!

The Interactive UI for AwardToken.sol contract

Execute startRound

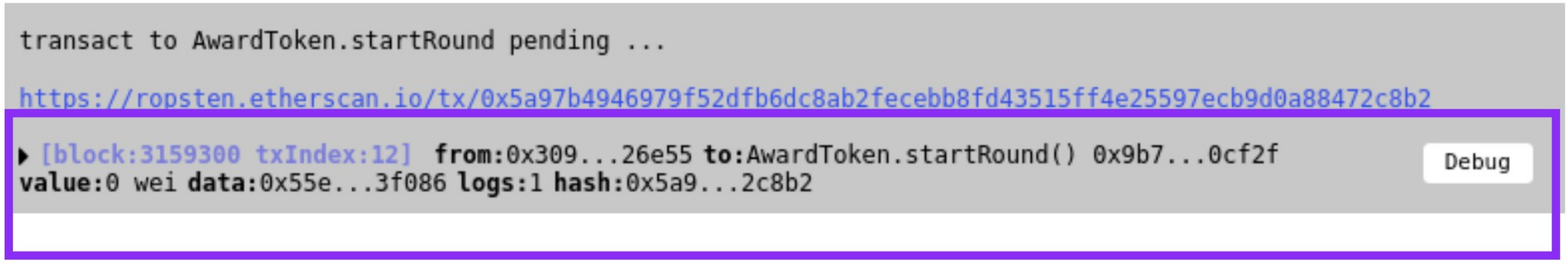
Its a payable function
(as opposed to a call function - which is free)

Confirm the transaction



Check if tx is mined

In the terminal logs in Remix



Expand tx log

to see the logs

[block:3665523 txIndex:4] **from:**0x9ae...06ff6 **to:**AwardToken.startRound() 0x574...40360 **value:**0 wei **data:**0x55e...3f086 **logs:**1 **hash:**0x16c...0a81c

Debug

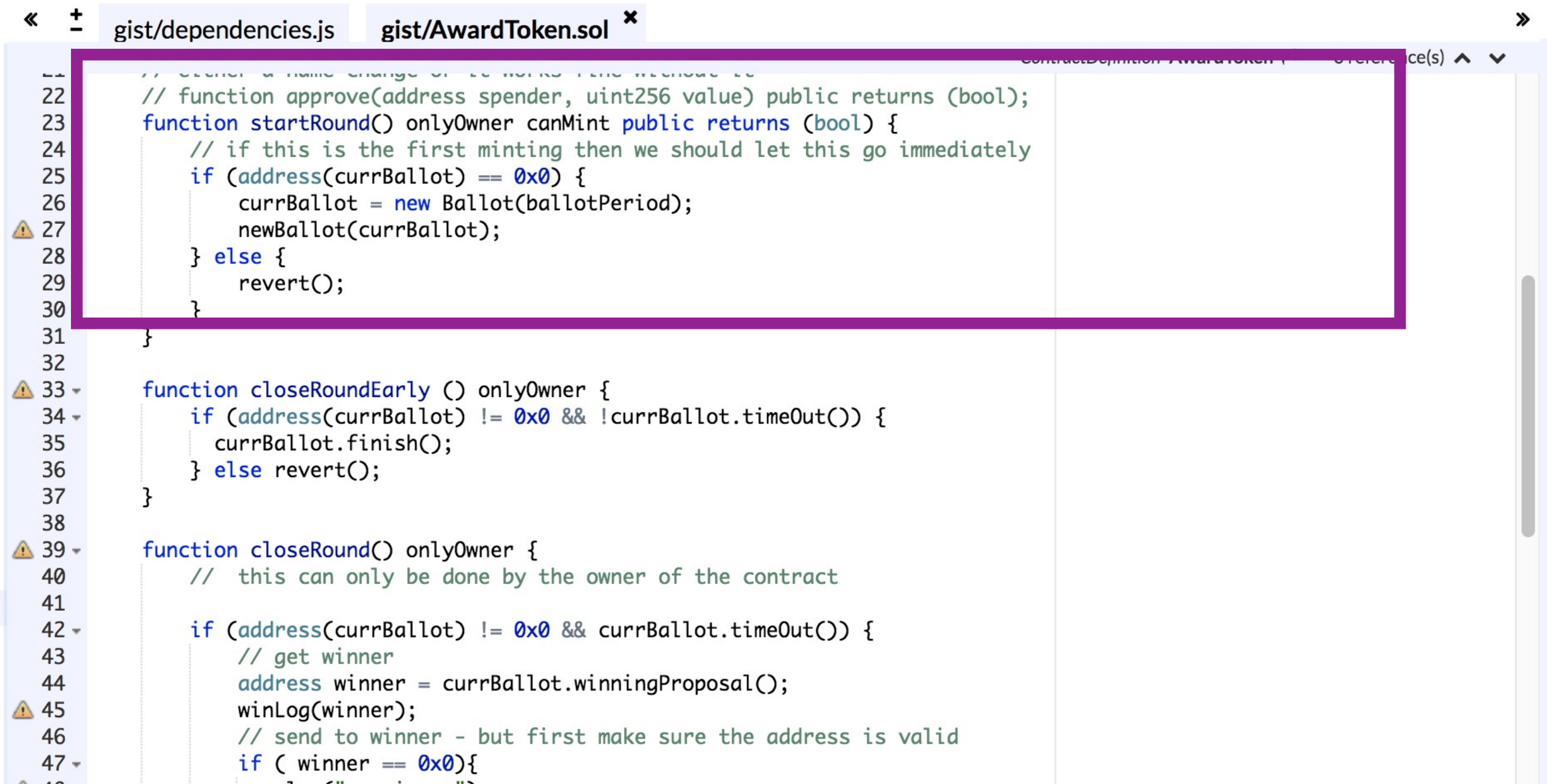
status	0x1 Transaction mined and execution succeed
transaction hash	0x16c8af5a3fd0e5bcacd8858ab42d4f8eff39fc33bb98290740c03eeb4880a81c
from	0x9ae59af2e33480caa48f2dc6f6cede7ffab06ff6
to	AwardToken.startRound() 0x574d270dc04e89c5d65e24e19f1deb9e17240360
gas	613643 gas
transaction cost	613643 gas
hash	0x16c8af5a3fd0e5bcacd8858ab42d4f8eff39fc33bb98290740c03eeb4880a81c
input	0x55e...3f086
decoded input	{}
decoded output	-

logs	[
	{
	"from": "0x574d270dc04e89c5d65e24e19f1deb9e17240360",
	"topic": "0x65f35fb257c91daed794331bfd2ad0f4439d49319d52a5b3bfb04c84969fdbeb",
	"event": "newBallot",
	"args": {
	"0": "0xD6052C85A3D26eE9EeC8262d462bfDC672B80D93",
	"_addr": "0xD6052C85A3D26eE9EeC8262d462bfDC672B80D93",
	"length": 1
	}
	}
	]

value	0 wei

Take a look at the startRound function in the editor

– just to see what it is doing...



Get ballot's address

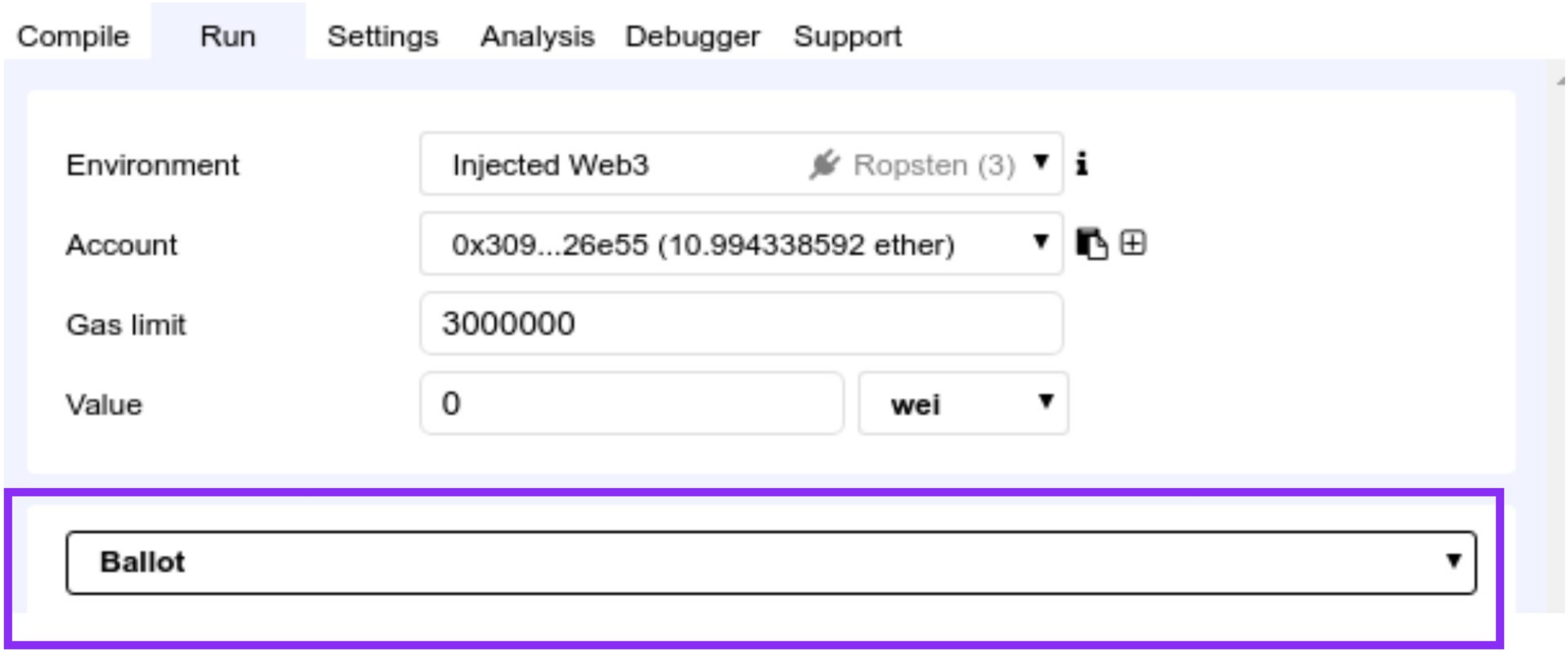
Execute currBallot call

Copy ballot's address

currBallot output

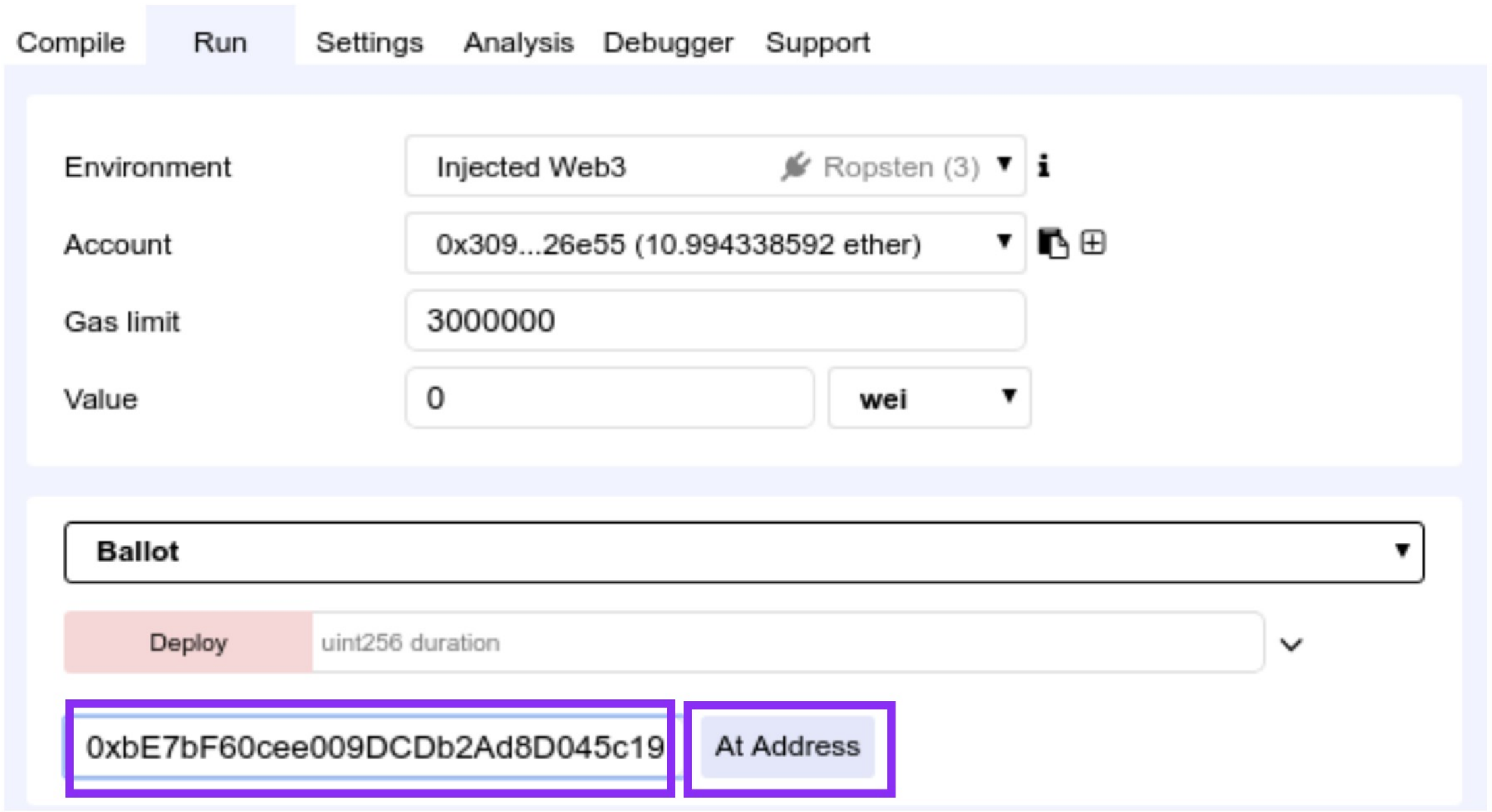
Switch to Ballot

Run tab: dropdown



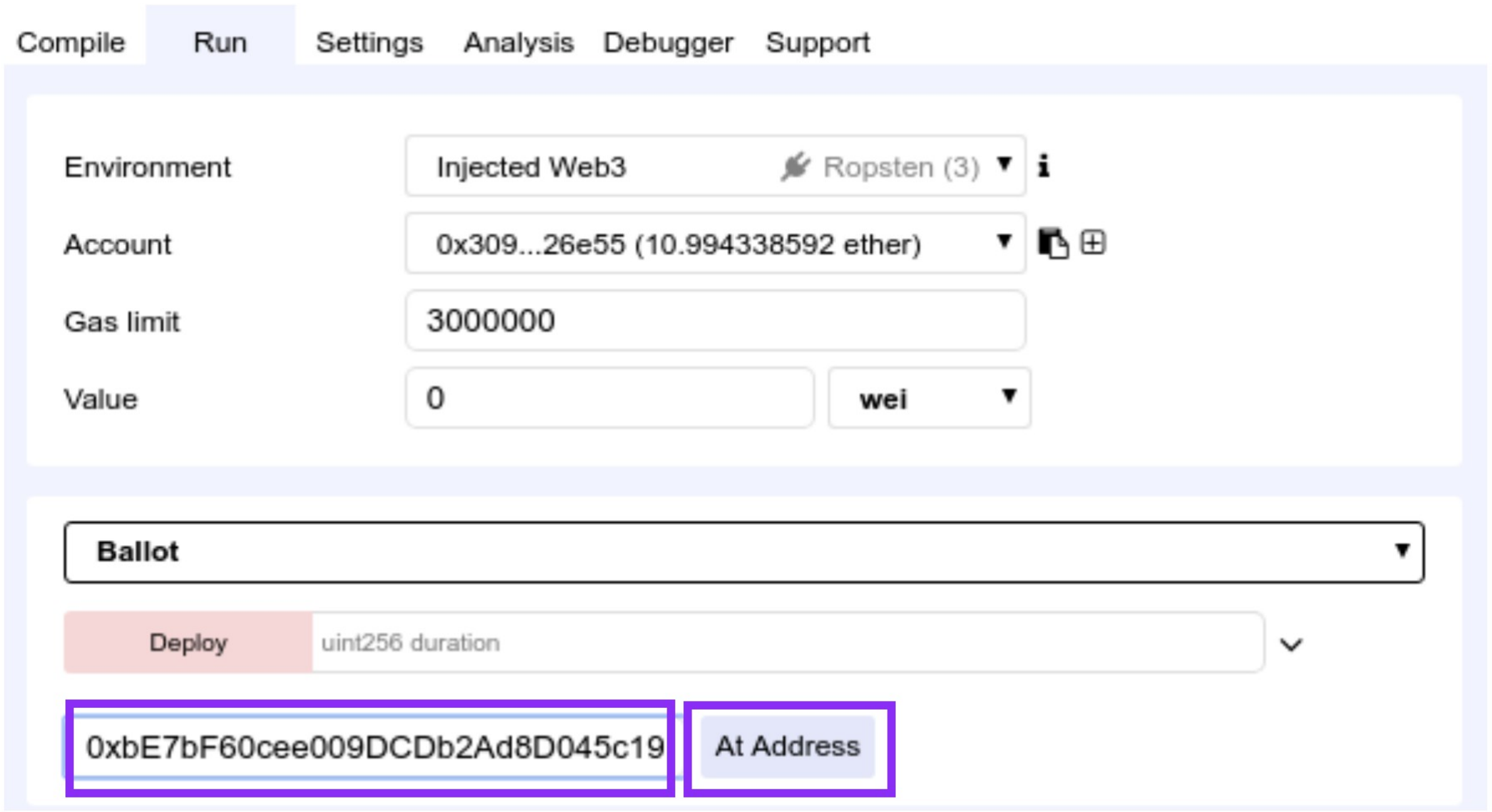
Access Ballot contract

Paste address + click At Address



Access Ballot contract

Paste address + click At Address



See autogenerated UI

(you might need to scroll down)

- Interact with all the functions in the contract
- And all the functions in the inherited contracts