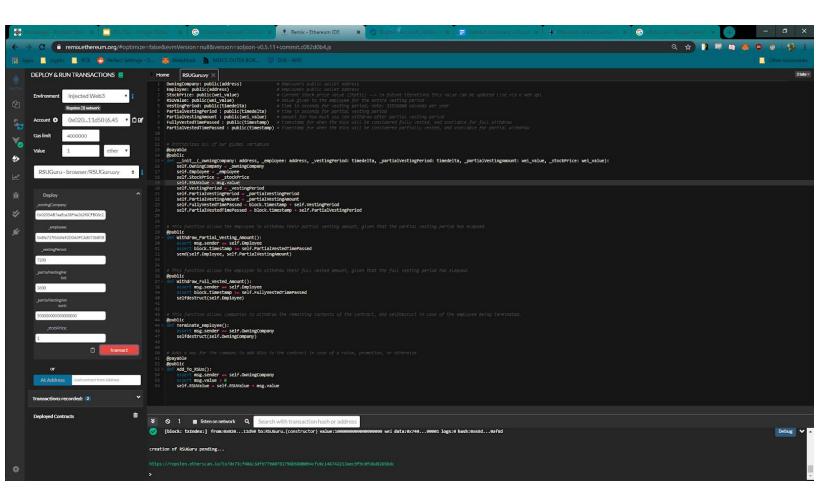
# RSU Guru Contract walkthrough

### Starting contract with:

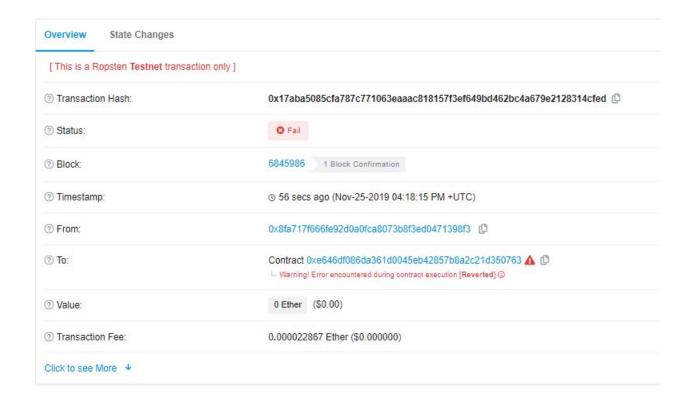
- RSU Value of →
  - o 1 ETH == 100000000000000000 wei
  - This is sent through the value of the msg when starting the contract
- Owning company will be my first accounts address →
  - o 0x0205AB7aeEce38F6e362f0CFB08c2276fD711D50
- Employee will be a second account of mine →
  - o 0x8fa717f666fe92D0A0FCA8073b8f3Ed0471398F3
- Vesting period will be →
  - o 7200 (2 hours)
- Partial vesting period will be →
  - o 3600 (1 hour)
- Partial vesting amount will be →
  - o 0.5 ETH == 500000000000000000 wei
- Stock price in wei value →
  - o 100000000000000000 wei == 1 ETH

## Starting the contract:

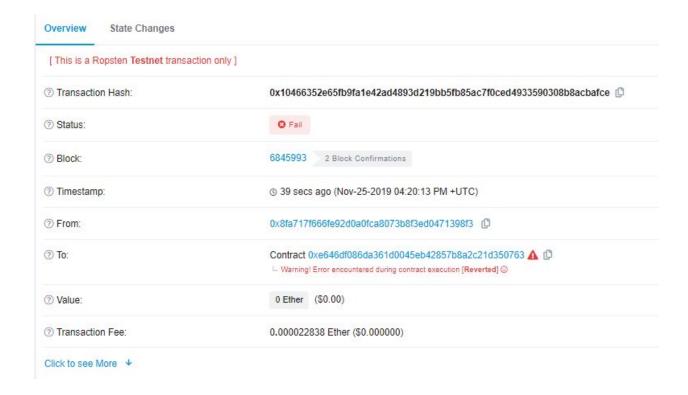


Overview State Changes		
[ This is a Ropsten Testnet transaction only ]		
⑦ Transaction Hash:	0x73cf486c5dfe77960781796b5880094cfc0c146742213aec9f9c0fd6d8265bdc	
③ Status:	Success Success	
③ Block:	6845965 3 Block Confirmations	
① Timestamp:	© 57 secs ago (Nov-25-2019 04:12:48 PM +UTC)	
③ From:	0x0205ab7aeece38f6e362f0cfb08c2276fd711d50	
⑦ To:	[Contract 0xe646df086da361d0045eb42857b8a2c21d350763 Created]	
⑦ Value:	1 Ether (\$0.00)	
Transaction Fee:	0.000405355 Ether (\$0.000000)	
Click to see More   ◆		

Now I will try to withdraw the fully vested amount from the contract prior to both the vesting time and partial vesting time being up (as the employee). I'm expecting a failure:

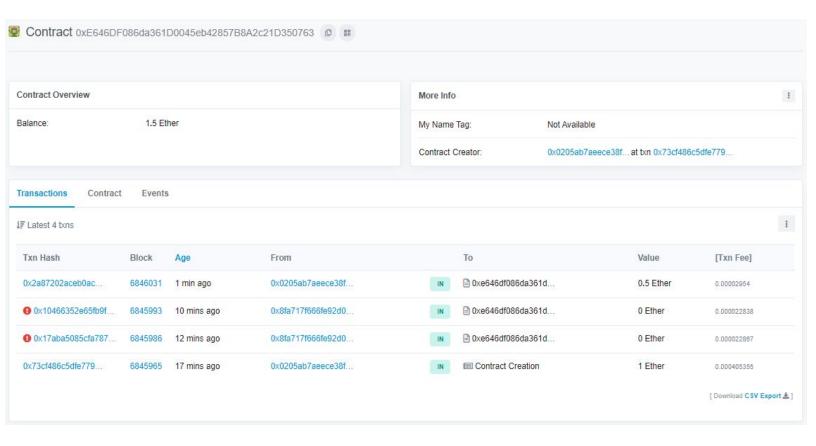


Now I will try to withdraw the partially vested amount from the contract prior to both the vesting time and partial vesting time being up (as the employee). I'm expecting a failure:

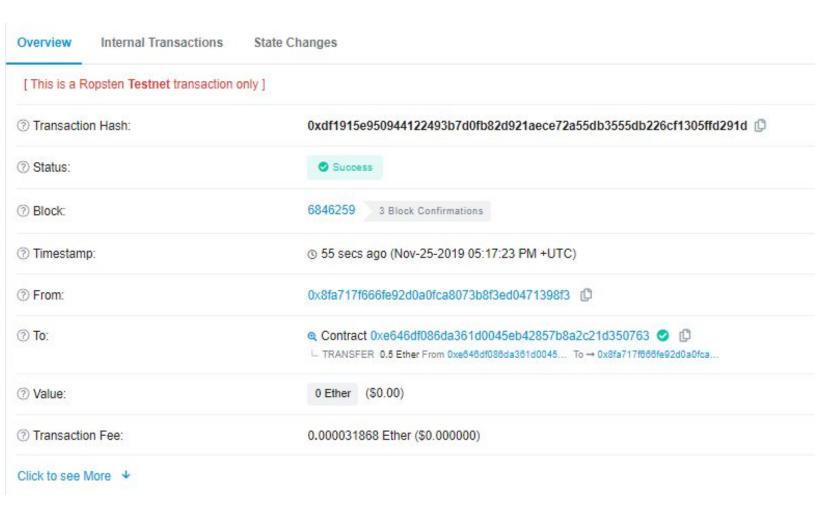


The employee got a promotion! I will now add to the RSUs as the employer (0.5 ETH):

Overview State Changes	
[This is a Ropsten Testnet transaction only]	
⑦ Transaction Hash:	0x2a87202aceb0ac8ee76d7b314ea7cd14ab4d4e3b7745514a4eb4b010fb8ab479
⑦ Status:	Success
③ Block:	6846031 1 Block Confirmation
③ Timestamp:	© 27 secs ago (Nov-25-2019 04:29:40 PM +UTC)
③ From:	0x0205ab7aeece38f6e362f0cfb08c2276fd711d50
⑦ To:	Contract 0xe646df086da361d0045eb42857b8a2c21d350763 ♥ □
⑦ Value:	0.5 Ether (\$0.00)
⑦ Transaction Fee:	0.00002954 Ether (\$0.000000)
Click to see More ↓	

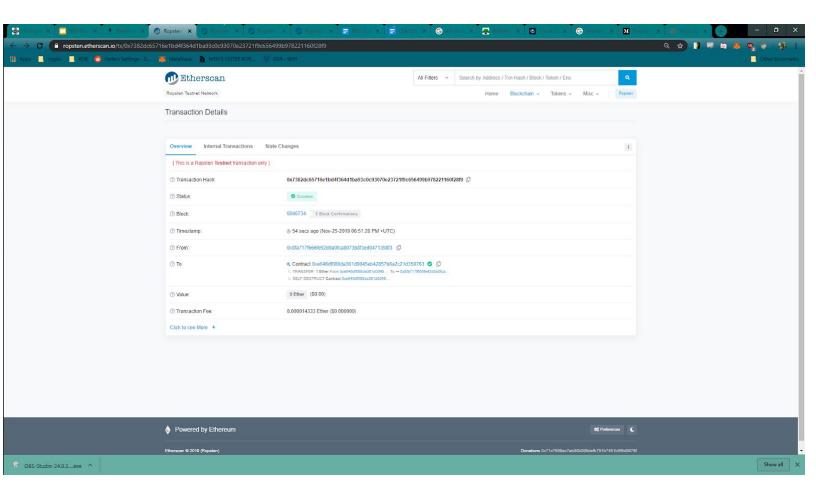


Now, we waited a little over an hour for the partial vesting period to be up (1 hour), and now call Withdraw\_Partial\_Vesting\_Amount as the employee. We expect to get back the partial vesting amount which in this case is equal to 0.5 ETH:



Now we wait for the full vesting period to be up, and call Withdraw\_Full\_Vested\_Amount() as the employee. We expect to get the full vested amount back in ETH, which is just however much is left in the contract, and the contract will self destruct, sending the employee the contents of the contract. Since we've already withdrawn the partial vesting amount (0.5 ETH), but also added 0.5 ETH, we are expecting to get 1 ETH back:

#### Success!



#### And the view from the contract:

