

Aave Flash loans

by Rush



Rush FlashLoan Contract Receivers



Balances Aave Debt Tokens

аТо	kens in Account			
index 0 1 2 3 4 5 6 7	aAAVE 10 aDAI 11 aLINK 10 aSUSD 10 aUSDC 11 aUSDT 20 aWETH 86 aWBTC 10	alance 00001699426625260613534337 11219929209770165011457155 00002001749280001306246401 00074990828591646086624669 999871869166160 89199965621721 631714495773894879 00006395807959		
Stable Tokens in Account				
index 0 1 2 3 4 5 6 7 =================================	Token Name stableDebtAAVE stableDebtDAI stableDebtLINK stableDebtUSDC stableDebtUSDT stableDebtWBTC stableDebtWETH ====================================	0 0 0 0 0 0 0		
index 0 1 2 3 4 5 6	Token Name variableDebtAAVI variableDebtLINI variableDebtSUSI variableDebtUSD variableDebtUSD variableDebtWBTO variableDebtWBTO	0 K 0 D 0 C 0 T 0 C 0		



Deploy Rush FlashLoan

```
variableDebtWETH 0
brownie run scripts/deploy_flashloan.py
 Brownie v1.19.1 - Python development framework for Ethereum
 RushProject is the active project.
 Running 'scripts/deploy_flashloan.py::main'...
 Deploying Rush flashloan receiver contract ...
 Transaction sent: 0x4ee0deb053c54534f1918de8311a5b9bccae7e461518e5c619d67f7322a1e3e3
   Gas price: 1e-09 gwei Gas limit: 626919 Nonce: 374
   RushFlashLoan.constructor confirmed Block: 1312415 Gas used: 569927 (90.91%)
   RushFlashLoan deployed at: 0x7B4A0375f7c1F6eEC44342c46B7Dd7E61050e001
 View contract on Optimism Goerli ♀ ♀ ♀ https://goerli-optimism.etherscan.io/address/0x7B4A0375f7c1F6eEC44342
 Transaction was Mined
 Tx Hash: 0x4ee0deb053c54534f1918de8311a5b9bccae7e461518e5c619d67f7322a1e3e3
 From: 0xFE948CB2122FDD87bAf43dCe8aFa254B1242c199
 New RushFlashLoan address: 0x7B4A0375f7c1F6eEC44342c46B7Dd7E61050e001
 Block: 1312415
 Gas Used: 569927 / 626919 (90.9%)
 Deploying Simple Rush flashloan receiver contract ...
 Transaction sent: 0x97d86c5aad05738931d9c7e55a9cb5ceecebc9423cf4f7136e8c38201ef80914
   Gas price: 1e-09 gwei Gas limit: 437684 Nonce: 375
   RushSimpleFlashLoan.constructor confirmed Block: 1312417 Gas used: 397895 (90.91%)
   RushSimpleFlashLoan deployed at: 0x7cd617BDA98e86144269ED7E325fb20c784f6102
 View contract on Optimism Goerli ♀ ♀ ♀ https://goerli-optimism.etherscan.io/address/0x7cd617BDA98e86144269EL
 Transaction was Mined
 Tx Hash: 0x97d86c5aad05738931d9c7e55a9cb5ceecebc9423cf4f7136e8c38201ef80914
 From: 0xFE948CB2122FDD87bAf43dCe8aFa254B1242c199
 New RushSimpleFlashLoan address: 0x7cd617BDA98e86144269ED7E325fb20c784f6102
 Block: 1312417
 Gas Used: 397895 / 437684 (90.9%)
```

Run Simple FlashLoan

0x3aefe92d640007d052a87562e7c165	ea9ae3ec856a4223d9e94fc06329bcc6f4 🗓
Success	
1312500 Confirmed by Sequence	
① 33 secs ago (Sep-21-2022 07:18:16	PM +UTC)
0xfe948cb2122fdd87baf43dce8afa254b	1242c199 🗓
Contract 0x4b529a5d8268d74b687a	c3dbb00e1b85bf4bf0d4 🗸 🗓
▶ From 0xa0c014681 To 0x7cd617b	da For 10,000,000 USDC (USDC)
▶ From 0x000000000 To 0x7cd617b	da For 5,000 O USDC (USDC)
▶ From 0x7cd617bda To 0xa0c0146	81 For 10,005,000 OUSDC (USDC)
0 Ether (\$0.00)	
0.0000000000027 Ether (\$0.000000)	
1 wei (0.00000001 Gwei)	



RUN FlashLoan Batch

0xb096db8fbf39c390f343603d9dc51bd7ed41f51a47124cb6b1bdb3007f7f7a76		
1312583 Confirmed by Sequencer		
① 29 secs ago (Sep-21-2022 07:21:23 PM +UTC)		
0xfe948cb2122fdd87baf43dce8afa254b1242c199		
◆ Contract 0x4b529a5d8268d74b687ac3dbb00e1b85bf4bf0d4 ◆ □		
▶ From 0x27cf8bc5b8 To 0x7b4a0375f For 60,000,000		
▶ From 0xa0c014681 To 0x7b4a0375f For 50,000,000		
▶ From 0x8e2a45549 To 0x7b4a0375f For 50,000,000		
▶ From 0xe34899bf6 To 0x7b4a0375f For 30,000,000		
▶ From 0x19a81e3c2 To 0x7b4a0375f For 10 ○ WETH (WETH)		
▶ From 0x00051d87b To 0x7b4a0375f For 20,000		
▶ From 0xa48d52bf4f To 0x7b4a0375f For 1,000,000		
▶ From 0x44f522c187 To 0x7b4a0375f For 1,000		
► From 0v000000000 To 0v7b4a0375f For 30 000 ♠ DAI (DAI) Scroll for more ❖		
0 Ether (\$0.00)		
0.000000000125 Ether (\$0.00000)		



BALANCES After FlashLoan

```
23
24
        for n in range (0, len(tokens)):
25
           token_name = tokens[n]
26
           balance = get_atoken(tokens[n]).balanceOf(acct)
                 DEBUG CONSOLE TERMINAL JUPYTER: VARIABLES
      USDC
                  18100323156994753
       USDT
                  89810954978000000
       WETH
       WBTC
aTokens in Account
100002199224575757320778025
                  111249902358116532383492245
       aLINK
                  100002002249070001959369606
                  100089983328792663819876205
       aSUSD
       aUSDC
                  1999901855432612
       aUSDT
                  289224953913415
       aWETH
                  8634092950060591431
       aWBTC
                  100007394399405
    Stable Tokens in Account
Token Name
                     balance
       stableDebtAAVE
       stableDebtDAI
       stableDebtLINK
       stableDebtSUSD
       stableDebtUSDC
       stableDebtUSDT
       stableDebtWBTC
      stableDebtWETH
    Variable Tokens in Account
Token Name
       variableDebtAAVE
       variableDebtDAI
       variableDebtLINK
       variableDebtSUSD
       variableDebtUSDC
       variableDebtUSDT
      variableDebtWBTC
      variableDebtWETH
```



OP

Rush Flash Loan Receivers

