



GETTING STARTED

CTOKENS

- MINT
- REDEEM
- REDEEM UNDERLYING
- BORROW
- REPAY BORROW
- REPAY BORROW BEHALF
- LIQUIDATE BORROW
- KEY EVENTS
- ERROR CODES

TOKEN HELPERS

- EXCHANGE RATE
- GET CASH
- TOTAL BORROW
- BORROW BALANCE
- BORROW RATE
- TOTAL SUPPLY
- SUPPLY BALANCE
- SUPPLY RATE
- TOTAL RESERVES
- RESERVE FACTOR

COMPROLLER

- ENTER MARKETS
- EXIT MARKET
- GET ASSETS IN
- GET ACCOUNT LIQUIDITY
- KEY EVENTS
- ERROR CODES

APPENDIX

- COLLATERAL
- EXPONENTIAL MATH
- GAS COSTS
- GLOSSARY

SUPPORT

Compound Presidio

Compound v2 (a.k.a. Presidio) is a set of smart contracts deployed on the Ethereum blockchain, which allows supplying and borrowing of ERC-20 tokens. This page details the on-chain function 'ABI' for developing smart contracts or building Web3-enabled dApps.

For information on the Compound API, please visit the [Compound API Docs](#).

Getting Started

The Compound Protocol v2 is currently deployed on the following networks:

MainNet

Contract	ABI	Address
cBAT <small>cToken</small>	JSON	0x6c8c6b02e7b2be14d4fa6022dfd6d75921d90e4e
cDAI <small>cToken</small>	JSON	0xf5dce57282a584d2746faf1593d3121fcac444dc
cETH <small>cEther</small>	JSON	0x4ddc2d193948926d02f9b1fe9e1daa0718270ed5
cREP <small>cToken</small>	JSON	0x158079ee67fce2f58472a96584a73c7ab9ac95c1
cUSDC <small>cToken</small>	JSON	0x39aa39c021dfbae8fac545936693ac917d5e7563
cWBTC <small>cToken</small>	JSON	0xc11b1268c1a384e55c48c2391d8d480264a3a7f4
cZRX <small>cToken</small>	JSON	0xb3319f5d18bc0d84dd1b4825dcde5d5f7266d407
PriceOracle	JSON	0x02557a5e05defeffd4cae6d83ea3d173b272c904
Comptroller	JSON	0x3d9819210a31b4961b30ef54be2aed79b9c9cd3b
WhitePaperInterestRateModel	JSON	0xc64c4cba055efa614ce01f4bad8a9f519c4f8fab
WhitePaperInterestRateModel	JSON	0xbae04cbf96391086dc643e842b517734e214d698
WhitePaperInterestRateModel	JSON	0xa1046abfc2598f48c44fb320d281d3f3c0733c9a

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[
  {
    "constant": true,
    "inputs": [],
    "name": "name",
    "outputs": [
      {
        "name": "",
        "type": "string"
      }
    ],
    "payable": false,
    "stateMutability": "view",
    "type": "function",
    "signature": "0x06fdde03"
  },
  {
    "constant": false,
    "inputs": [
      {
        "name": "spender",
        "type": "address"
      },
      {
        "name": "amount",
        "type": "uint256"
      }
    ],
    "name": "approve",
    "outputs": [
      {
        "name": "",
        "type": "bool"
      }
    ]
  }
]
```

```
],
  "name": "repayBorrow",
  "outputs": [
    {
      "name": "",
      "type": "uint256"
    }
  ],
  "payable": false,
  "stateMutability": "nonpayable",
  "type": "function",
  "signature": "0x0e752702"
},
{
  "constant": true,
  "inputs": [],
  "name": "reserveFactorMantissa",
  "outputs": [
    {
      "name": "",
      "type": "uint256"
    }
  ],
  "payable": false,
  "stateMutability": "view",
  "type": "function",
  "signature": "0x173b9904"
},
{
  "constant": false,
  "inputs": [
    {
      "name": "account",
      "type": "address"
    }
  ],
  "name": "borrowBalanceCurrent",
```