

# BloqFin

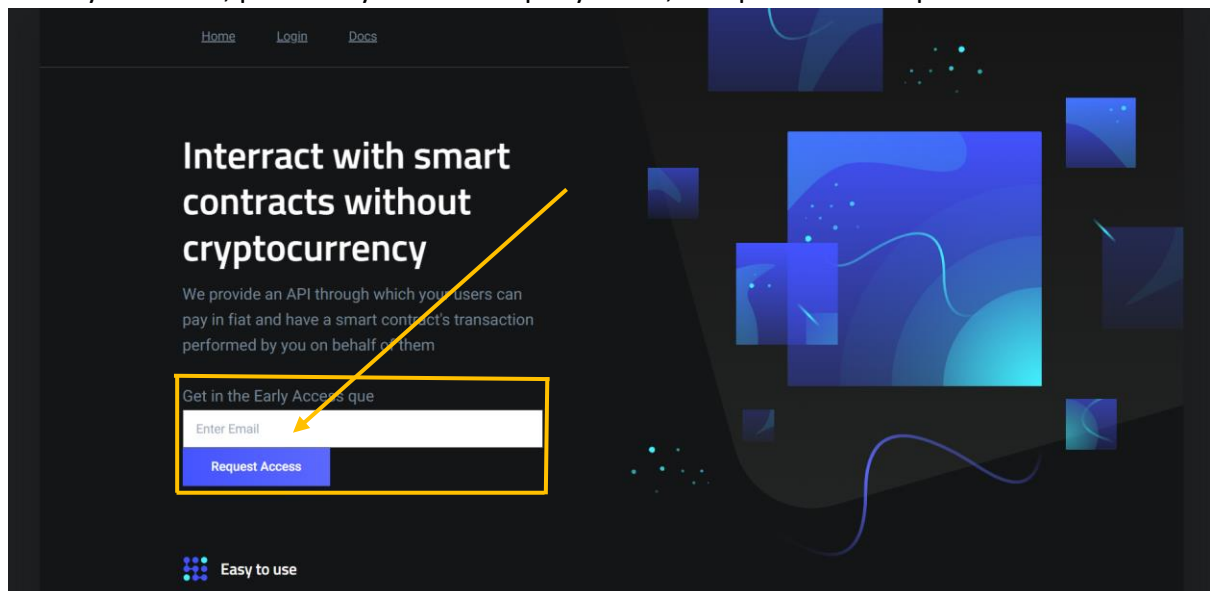
Connecting the Centralized and Decentralized world

## API Docs

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### 1. Request Access:

Enter your email, preferably with a company email, and press the 'Request Access' button.

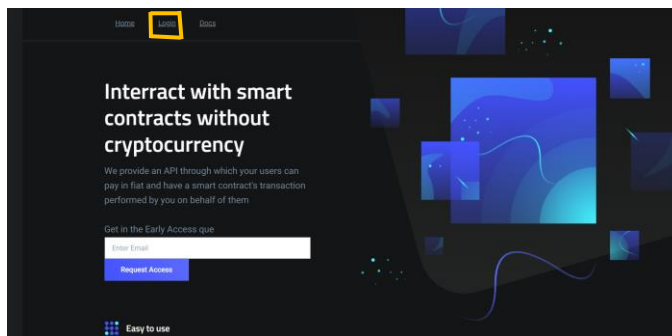


We'll get back to you once we launch our beta publicly to know more about the project and how to integrate it with our API

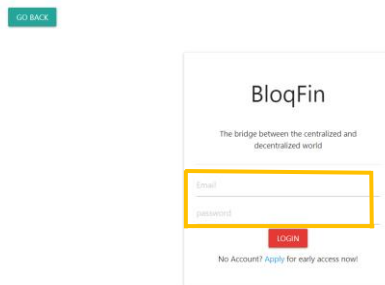
## 2. How to use BloqFin

1. Go to Login Page
2. Login with credentials provided
3. Click on the add button
4. Add your contract address, ABI, code (code explained in next part)  
Add a title to it. Chain IDs include 'ROPSTEN', 'MATIC' and 'BSC' for Ethereum's test chain Ropsten, Polygon Matic, and Binance Smart Chain respectively.  
'Enter On Success Webhook Link' and 'Enter your Input Parameters' will record your input but they aren't active yet. Will explain about them in future versions
5. Click on save
6. You'll be redirected to dashboard, click on the project with that title
7. Please wait until you get the link, it will be displayed on the top
8. Once you get the link, use it in the next part 'How to code with BloqFin'

1.



2.



3.



4.

BloqFin

Add Contract

Title

Contract Address

Chain ID

Status  
Private

Enter your ABI:

Enter your code:

5.

Chain ID

Status  
Private

Enter your ABI:

Enter your code:

Enter On Success Webhook Link:

Enter your Input Parameters:

SAVE

CANCEL

6.

BloqFin

Dashboard

Welcome to the public Visitor Account (no private keys please)

Here are your Contracts

| TITLE                  | Last Modified                | Status  |
|------------------------|------------------------------|---------|
| Register Demo Contract | August 15th 2022, 9:51:39 am | private |

7.

BloqFin

Link should be here once activated

Ropsten Demo Contract

Contract Address  
0x4D1076d32152c8451947e5Aae6E4273d3DF785d9

ChainID  
MATIC

Contract ABI  
[{"anonymous": false, "inputs": [{"indexed": true, "internalType": "address", "name": "owner", "type": "address"}, {"indexed": true, "internalType": "address", "name": "approved", "type": "address"}, {"indexed": true, "internalType": "uint256", "name": "tokenId", "type": "uint256"}], "name": "Approval", "type": "event"}, {"anonymous": false, "inputs": [{"indexed": true, "internalType": "address", "name": "owner", "type": "address"}, {"indexed": true, "internalType": "address", "name": "operator", "type": "address"}, {"indexed": false, "internalType": "bool", "name": "approved", "type": "bool"}], "name": "ApprovalForAll", "type": "event"}, {"anonymous": false, "inputs": [{"indexed": true, "internalType": "address", "name": "from", "type": "address"}, {"indexed": true, "internalType": "address", "name": "to",

Note: in this example we used a demo account. The link in this account will never activate

### 3. How to code with BloqFin

Please upload the code with BloqFin in mind. We can take JSON request with upto 10 inputs  
POST the request to [api.bloqfin.com](https://api.bloqfin.com)

The JSON is as follows:

```
{
  contractID: "api.bloqfin.com/request/62f38037f4ccf45380c5e2da",
  successURL: "http://localhost:5500/client/success.html",
  cancelURL: "http://localhost:5500/client/cancel.html",
  priceInEth: 0.0001,
  gasLimit: 0.001,
  slippageLimit: 5,
  input0: " ",
  input1: " ",
  input2: " ",
  input3: " ",
  input4: " ",
  input5: " ",
  input6: " ",
  input7: " ",
  input8: " ",
  input9: " ",
};
```

contractID: the link provided mentioned in step 8 previously. This will take you to a stripe payment session.

successURL: Redirected to this URL on a successful payment

cancelURL: Redirected to this URL on a failed payment

priceInEth: Price involved in the transaction. This can be 0

gasLimit: Gas limit to execute the smart contract. Must be greater than 0

slippageLimit: Limit to slippage that you would like to allow

input0 – input9: inputs to use in the code

Note: gas fees in extra steps are added by BloqFin separately

Note: payment refers to fiat payments and transaction refers to blockchain transactions

Note: if the price changes past slippage, the payment can succeed but no transaction occurs on the blockchain. The payment can be refunded

In the code, please assign inputs to your variable. Eg: `const yourVariable = input0;`

Your smart contract address and abi can be reassigned to variables too. Eg:

```
const MyContractAddress = contractAdd;
const my_contract_abi = contractABI;
const MyContract = new web3.eth.Contract(my_contract_abi, MyContractAddress);
```

This is to provide as much freedom as possible to you, as a developer, on your preferred naming conventions

#### 4. More about BloqFin

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