
Authereum Documentation

Release 1.0

Authereum

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Contents:

Authereum allows your dapp to have a painless onboarding experience for your users. Authereum Integration the authereum we3 provider is as easy:

```
import Authereum from 'authereum'  
const authereum = new Authereum('kovan') const web3 = new Web3(authereum.getProvider())
```

1.1 Features

- Fully non-custodial
- Contract-based accounts
- Easy integration

1.2 Installation

Install the Authereum SDK by running:

```
npm install authereum
```

1.3 Contribute

- Issue Tracker: github.com/authereum/authereum/issues
- Source Code: github.com/authereum/authereum

1.4 Support

If you are having issues, please let us know. We have a telegram group located at: <https://t.me/authereum>

1.5 License

The project is licensed under the MIT license.

CHAPTER 2

Installation

Install the package with NPM:

```
$ npm install authereum
```


Example usage of the Authereum SDK:

```
import Authereum from 'authereum'  
  
const authereum = new Authereum()  
await authereum.login()
```

Example usage of the Authereum web3 provider:

```
import { AuthereumProvider } from 'authereum'  
import Web3 from 'web3'  
  
const provider = new AuthereumProvider('kovan')  
const web3 = new Web3(provider)
```


Import the authereum NPM package and initialize it:

```
import Authereum from 'authereum'
import Web3 from 'web3'

const authereum = new Authereum('kovan')

// get provider and initialize web3
const provider = authereum.getProvider()
const web3 = new Web3(provider)
```

Import the authereum NPM package and initialize the provider directory for web3:

```
import { AuthereumProvider } from 'authereum'
import Web3 from 'web3'

const provider = new AuthereumProvider('kovan')
const web3 = new Web3(provider)

// login to authereum
await provider.enable()
```

Example of getting the balance:

```
import Authereum from 'authereum'
import Web3 from 'web3'

const authereum = new Authereum('kovan')
const web3 = new Web3(authereum.getProvider())

const balance = await web3.eth.getBalance()
console.log(balance)
```


CHAPTER 5

Contributing

To report an issue, please use the [GitHub issues tracker](#).

CHAPTER 6

Indices and tables

- `genindex`
- `modindex`
- `search`