

---

# ReactDemo Documentation

*Release latest*

Jun 06, 2019



---

## Contents

---

<b>1</b>	<b>Smart Contract</b>	<b>3</b>
<b>2</b>	<b>Creating an app on the SIMBA Dashboard</b>	<b>5</b>
<b>3</b>	<b>Converting the React Demo example to your app</b>	<b>7</b>





[Here](#) is a playlist on the SIMBA Chain Youtube channel to get you up to speed on using the dashboard.



# CHAPTER 1

---

## Smart Contract

---

```
pragma solidity ^0.4.24;

contract Application { function Application() public {} enum Assets {
    game
} Assets _turns = Assets.game;

function turns ( string assetId, string name, string turn0, string turn1, string turn2, string turn3, string turn4,
    string turn5, string turn6, string turn7, string turn8, string turn9)
public {}
}
```





## CHAPTER 2

---

### Creating an app on the SIMBA Dashboard

---

Before Starting make sure you have an account on the Simba Dashboard and an Ethereum wallet with Ether in it on the Circle of life network

- Create The Smart Contract
- Create The Application
- Configure The Application(Ethereum Blockchain, Circle of Life, IPFS Filesystem, Permission disabled)
- Generate Application API Key(This is not the API name)
- Generate Configuration API Key

---

**Note:** Both application an application API key and a configuration API key is needed. These keys are not interchangeable.

---



---

### Converting the React Demo example to your app

---

- Everything you need to change is inside of index.js
- **Changing the url to your own**
  - ~line 127
  - ~line 168
  - ~line 228
  - ~line 482
  - ~line 516
  - ~line 729
- **Changing the Configuration API Keys(make sure this isn't a application API key)**
  - ~line 129
  - ~line 731
- **Changing the Application API Keys(make sure this isn't a configuration API key)**
  - ~line 170
  - ~line 230
  - ~line 484
  - ~line 518
- **Run locally**
  - with a terminal at the project folder run npm start
  - your project should be at localhost:3000
- **Deploying the application**
  - Guide for deploying a react application to Github pages: <https://medium.com/the-andela-way/how-to-deploy-your-react-application-to-github-pages-in-less-than-5-minutes-8c5f665a2d2a>

Based off of this <https://reactjs.org/tutorial/tutorial.html>

Github Repo <https://github.com/SIMBACHain/ReactDemo>

React Demo <https://simbachain.github.io/ReactDemo/>