# React Native Asynchronous Storage

To install the library, use the following command:

npm install @react-native-async-storage/async-storage

import React from 'react';

import { View, Text, Button } from 'react-native';

import AsyncStorage from '@react-native-async-storage/async-storage';

class Person

{

  constructor(name, age)

  {

    this.name = name;

    this.age = age;

  }

}

const storeStringData = async (value) => {

  try {

    await AsyncStorage.setItem('@storage\_Key', value)

  } catch (e) {

    // saving error

    console.log(e);

  }

}

const getStringData = async () => {

  try {

    const value = await AsyncStorage.getItem('@storage\_Key')

    if(value !== null) {

      // value previously stored

      console.log(value);

    }

  } catch(e) {

    // error reading value

    console.log(e);

  }

}

const storeObjectData = async (value) => {

  try {

    const jsonValue = JSON.stringify(value)

    await AsyncStorage.setItem('@storage\_object\_Key', jsonValue)

  } catch (e) {

    // saving error

    console.log(e);

  }

}

const getObjectData = async () => {

  try {

    var jsonValue = await AsyncStorage.getItem('@storage\_object\_Key')

    jsonValue = jsonValue != null ? JSON.parse(jsonValue) : null

    console.log(jsonValue.name, " ", jsonValue.age);

  } catch(e) {

    // error reading value

    console.log(e);

  }

}

const App = () => {

  return (

 <View>

<Button

title="Store string"

onPress={() => storeStringData("Hello")}

/>

<Button

title="Store object"

onPress={() => storeObjectData({cityname: "Lahore", cityLocation: "Punjab"})}

/>

<Button

title="Store Class object"

onPress={() => storeObjectData(new Person("Ali", 45))}

/>

<Button

title="Get string"

onPress={() => getStringData()}

/>

<Button

title="Get object"

onPress={() => getObjectData()}

/>

    </View>

  );

};

export default App;

For more methods, please visit:

<https://react-native-async-storage.github.io/async-storage/docs/api/>