## cyber-republic/**react-native-elastos-wallet-core-demo**

```javascript
// JavaScript
// filename: Create.js

import RNElastosMainchain from 'react-native-elastos-wallet-core';
...
RNElastosMainchain.generateMnemonic( (err, mnemonic) => {
    console.log(mnemonic);
});
```

## cyber-republic/**react-native-elastos-wallet-core**

```objc
// Objective-C++
// filename: RNElastosMainchain.mm

#include "MasterWalletManager.h"
...
RCT_EXPORT_METHOD(generateMnemonic: (RCTResponseSenderBlock)callback)
{
    // instantiate a masterwallet using native library
    Elastos::ElaWallet::MasterWalletManager *manager = new Elastos::ElaWallet::MasterWalletManager(rootPath);
    // generate mnemonic
    const std::string mnemonic = manager->GenerateMnemonic("english");
    // return the mnemonic as callback
    callback(@[[NSNull null], @(mnemonic.c_str())]);
}
```

## elastos/**Elastos.ELA.SPV.Cpp**

```cpp
// C++
// filename: MasterWallet.cpp

std::string MasterWallet::GenerateMnemonic(const std::string &language, const std::string &rootPath) {
    UInt128 entropy;
    Mnemonic mnemonic(language, boost::filesystem::path(rootPath));
    ...
    return std::string(phrase, phraselen);
}
```

GenerateMnemonic