

???

- [Package & Build](#)

??

?? [Electron](#) ???????? Web ???????

???

??????? - CloudCoinWebApp

mkdir CloudCoinWebApp

?????<https://github.com/pulipulichen/electron-webapp-wrapper>

```
git clone https://github.com/pulipulichen/electron-webapp-wrapper
cp -r electron-webapp-wrapper/src/* CloudCoinWebApp
```

TIP:

????????????

```
index.js
package.json
node_modules/
```

?? Electron ???????

????????????????????????????????????

```
cd CloudCoinWebApp/
npm install
```

?? index.js?

```
...
//var url = config.URL;
var url = "https://www.cloudcoin.co/bank.html";
...
```

TIPs:

url ? Web App ???????

?? package.json?

```
{
  "name": "CloudCoinWebApp",
  "version": "0.0.1",
  "description": "CloudCoin Safe Web App",
  "main": "index.js",
  "scripts": {
    "start": "electron .",
    "package": "electron-packager . CloudCoinWebApp --ignore=node_modules/electron-* --arch=x64"
  },
  "dependencies": {
    "electron-debug": "^1.1.0",
    "electron-google-oauth": "^2.0.0",
    "file-exists": "^2.0.0",
    "os-tmpdir": "^1.0.2"
  },
  "devDependencies": {
    "devtron": "^1.4.0",
    "electron-packager": "^8.7.2",
    "electron-prebuilt": "^1.4.13"
  }
}
```

TIPs

build ?????? Windows ?????? --platform=win32?CloudCoinWebApp ????????

???????

npm run package

TIP

???????????????????? CloudCoinWebApp-linux-x64 ??????????????

????????????????????CloudCoinWebApp??

?????

???????????????????? JSON ??????????????

- URL?APP ????????
- width, height?APP ??????
- icon???? APP ??????????????

????????

```
cd CloudCoinWebApp-linux-x64/
vi config.json
```

config.json?

```
{
  "URL": "http://your-web-server/",
  "width": 650,
  "height": 900,
  "skipTaskbar": false,
  "frame": true,
  "kiosk": false,
  "title": "CloudCoin Safe Web App",
  "icon": "...",
  "webPreferences": {
    "devTools": true,
    "webSecurity": false,
    "allowDisplayingInsecureContent": true,
    "allowRunningInsecureContent": true,
    "nodeIntegration": false
  },
  "openDevTools": false
}
```

????

```
cd CloudCoinWebApp-linux-64
./CloudCoinWebApp config.json
```

????? ICON ??

1. ??????? ICON ????????? *.png??? 48x48?
2. ??? base64 ??????????
 - ? ?????? <https://www.base64-image.de>
 - ? Linux ???base64 your-icon.png
3. ???????????? config.json

????????

```
"icon": ""
```

????????

???????? config.json

width?height (Integer)????????

useContentSize (Boolean)????????????????

center (Boolean)????

alwaysOnTop (Boolean)??????

skipTaskbar (Boolean)????????????????true????????(Tray)??????

frame (Boolean)????????????????APP????????

kiosk (Boolean)????????????????????????

transparent (Boolean)????????????????

FAQ

Q: ?????? Error: Cannot find module 'os-tmpdir'

A?

1. ?? package.json ??? os-tmpdir ?????
2. ?? Electron ??

cd CloudCoinWebApp/

npm install

Q: npm ERR! May not delete: /tmp/electron-packager/linux-x64/Keep-linux-x64/resources/app/node_modules/.bin

A: Downgrade the npm from 5.3.0 to 5.2.0

npm -v

5.3.0

sudo npm install -g npm@5.2.0

Q: Linux ??????

Application icon is not set, default Electron icon will be used

A????????

1. ??? build/icons???????? 32x32.png, 48x48.png, 128x128.png
2. build/icon.icns??? Mac OS X ???

???????????? Linux ??? PNG ?????????????????

Q: Linux ??????

Application category is not set for Linux (linux.category).

A????????????????

```
"linux": {
  "category": "Utility",
  "maintainer": "A-Lang <alang.hsu@gmail.com>",
  "target": "AppImage"
}
```

???

- Electron App ???
 - ? [Awesome Electron](#)
- [??Electron???????webapp-wrapper / Try Electron: webapp-wrapper](#)
- <https://github.com/pulipulichen/elec...webapp-wrapper>
- [Electron ???](#)
- Package & Build
 - ? [Electron packager tutorial](#)
 - ? [Electron + AngularJS - Packing and distribution](#)
 - ? [?????https://github.com/mifi/lossless-cut](https://github.com/mifi/lossless-cut)
- [????????? Web ????? Desktop Applicaiton](#)
 - ? <https://github.com/jiahaog/nativefier>
 - ? <https://davidwalsh.name/convert-websites-apps>
- [4 must-know tips for building cross platform Electron apps](#)