# Zoom Win SDK Native Addon for Electron

## Setup

### 1. Install Node.js(32bit) [download link](https://nodejs.org/en/download/)

### 2. Install Electron

npm install -g electron  
npm install --g electron-prebuilt  
npm install -g --arch=ia32 electron-prebuilt  
npm install -g node-gyp  
npm install -g bindings  
npm install -save-dev electron-prebuilt

### 3. Create Electron project

[Quick start](https://electron.atom.io/docs/tutorial/quick-start/) **Key Command line**

npm init  
npm set npm\_config\_arch ia32

**zoom sample**

.\zoom\_electron

### 4. Create Node.js Native addon project

[Quick start](https://nodejs.org/api/addons.html) **How to build win32 x86 addon pacakge?**

node-gyp rebuild -target=1.4.13 -arch=ia32 -dist-url=https://atom.io/download/atom-shell --msvs\_version=2015

**zoom sample**

.\zoom\_electron\node\_modules\zoomsdk

## Package

**install package tools**

npm install --save-dev electron-packager

**modify main.js**

"packager": "electron-packager ./app HelloWorld --all --out ./OutApp --version 1.4.0 --overwrite --icon=./app/img/icon/icon.ico"  
npm run-script packager

## Zoom win sdk node.js addon Work flow

### Thread mode

