# Zoom Win SDK Native Addon for Electron

## Setup

### 1. Install Node.js 8.12.0(32bit) [download link](https://nodejs.org/en/download/)

### 2. Install Electron

npm install -g electron [Or use command line ‘npm install --save-dev electron@2.0.7 -g’, to specify the electron version to be 2.0.7]

npm install -g node-gyp

node-gyp install

npm install -g bindings

### Install Python [download link](https://www.python.org/downloads/)

Need to install Python 2.7.\*. Please select the option “Add python.ext to Path” while installing Python on your computer.

### 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

### 5. 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=2.0.7 -arch=ia32 -dist-url=https://atom.io/download/atom-shell --msvs\_version=2015

**zoom sample**

.\zoom\_electron\lib\windows

## 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

