

The requirement is to build electron builder using NSIS “npx electron-builder --win nsis” then rename it to test.exe

## **\*\*Building an MSI Installer for Your Electron Application\*\***

### **\*\*Requirements:\*\***

- WiX Toolset installed on the system. It can be downloaded from [WiX Toolset's official website](https://wixtoolset.org/releases/).
- The provided `product.wxs` file, your Electron application's executable installer (`test.exe`), the application icon (`ico.ico`), and any other necessary files in a single folder.

### **\*\*Instructions:\*\***

#### **1. \*\*Prepare the Environment:\*\***

- Ensure that the WiX Toolset is installed on your system.
- Place the `product.wxs` file, the `test.exe` file (your Electron app's installer), and the `ico.ico` file in a single directory.

#### **2. \*\*Open Command Prompt:\*\***

- Navigate to the directory where the `product.wxs`, `test.exe`, and `ico.ico` files are located using the Command Prompt.

#### **3. \*\*Build the MSI Installer:\*\***

- In the Command Prompt, run the following commands:

```
``cmd  
  
candle product.wxs  
  
light product.wixobj  
  
``
```

- These commands will compile (`candle`) and link (`light`) the WiX source file into an MSI package.

#### **4. \*\*Locate the MSI Installer:\*\***

- After successful completion, you'll find the MSI installer in the same directory. The file will be named based on the `Name` attribute in the `product.wxs` file (e.g., `YourAppName.msi`).

## 5. **\*\*Testing the Installer:\*\***

- It's important to test the MSI installer on a Windows system to ensure it behaves as expected. This includes verifying that the application installs correctly and any shortcuts are created.

## 6. **\*\*Distribute the MSI Installer:\*\***

- Once you've confirmed that the installer works as expected, you can distribute the MSI file to users for installation.

Also make sure to update the package.json to this before building it using “npx electron-builder --win nsis”

```
{
  "name": "john-smith",
  "version": "1.0.0",
  "description": "A description of your application",
  "main": "main.js",
  "scripts": {
    "start": "electron .",
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [],
  "author": "Your Company Name",
  "license": "ISC",
  "build": {
    "appId": "your.app.id",
    "productName": "YourProductName",
    "directories": {
      "output": "build"
    }
  },
  "win": {
    "target": [
      {
        "target": "nsis",
        "arch": [
          "x64",
          "ia32"
        ]
      }
    ]
  },
  "icon": "ico.ico"
},
"mac": {
```

```
    "target": "dir"
  },
  "nsis": {
    "oneClick": false,
    "allowElevation": true,
    "allowToChangeInstallationDirectory": true,
    "installerIcon": "ico.ico",
    "uninstallerIcon": "ico.ico",
    "installerHeaderIcon": "ico.ico",
    "createDesktopShortcut": true,
    "createStartMenuShortcut": true,
    "license": "license.txt"
  }
},
"devDependencies": {
  "electron": "^27.0.4",
  "electron-builder": "^24.6.4"
}
}
```

“