

# Icons

Tauri ships with a default iconset based on its logo. This is NOT what you want when you ship your application. To remedy this common situation, Tauri provides the `icon` command that will take an input file (`"./app-icon.png"` by default) and create all the icons needed for the various platforms.

## ⚠️ NOTE ON FILETYPES

- `icon.icns` = macOS
- `icon.ico` = Windows
- `*.png` = Linux
- `Square*Logo.png` & `StoreLogo.png` = Currently unused but intended for AppX/MS Store targets.

Note that icon types may be used on platforms other than those listed above (especially `png`). Therefore we recommend including all icons even if you intend to only build for a subset of platforms.

## Command Usage

Starting with `@tauri-apps/cli` / `tauri-cli` version 1.1 the `icon` subcommand is part of the main cli:

`npm`   `Yarn`   `pnpm`   **`Cargo`**

```
$ cargo tauri icon
```

```
> cargo tauri icon --help
cargo-tauri-icon 1.1.0
```

Generates various icons for all major platforms

USAGE:

```
cargo tauri icon [OPTIONS] [INPUT]
```

ARGS:

```
<INPUT>   Path to the source icon (png, 1024x1024px with transparency) [default: ./app-
```

```
icon.png]
```

#### OPTIONS:

|                                          |                                                                               |
|------------------------------------------|-------------------------------------------------------------------------------|
| <code>-h, --help</code>                  | Print help information                                                        |
| <code>-o, --output &lt;OUTPUT&gt;</code> | Output directory. Default: 'icons' directory next to the tauri.conf.json file |
| <code>-v, --verbose</code>               | Enables verbose logging                                                       |
| <code>-V, --version</code>               | Print version information                                                     |

By default, the icons will be placed in your `src-tauri/icons` folder where they will automatically be included in your built app. If you want to source your icons from a different location, you can edit this part of the `tauri.conf.json` file:

```
{
  "tauri": {
    "bundle": {
      "icon": [
        "icons/32x32.png",
        "icons/128x128.png",
        "icons/128x128@2x.png",
        "icons/icon.icns",
        "icons/icon.ico"
      ]
    }
  }
}
```

## Creating the icons manually

If you prefer to build these icons yourself, for example if you want to have a simpler design for small sizes or because you don't want to depend on the CLI's internal image resizing, you must make sure your icons meet some requirements:

- `icon.icns`: The required layer sizes and names for the `icns` file are described [in the Tauri repo](#)
- `icon.ico`: The `ico` file must include layers for 16, 24, 32, 48, 64 and 256 pixels. For an optimal display of the ICO image *in development*, the 32px layer should be the first layer.
- `png`: The requirements for the png icons are: width == height, RGBA (RGB + Transparency), and 32bit per pixel (8bit per channel). Commonly expected sizes are 32, 128, 256, and 512 pixels. We recommend to at least match the output of `tauri icon: 32x32.png, 128x128.png, 128x128@2x.png,` and `icon.png`.

