

Sample manifest for Chrome Extension Version 3

The manifest file is a JSON file. Here we list the name, description, icons, and manifest version--among other things--of our Chrome extension. For this tutorial, we're working with manifest version 3; think of it like the software version.

In here we define where our background, popup, and options components are located in our file directory. Notice I didn't include the foreground location here. There are two ways of including the foreground script in a Chrome extension: through the manifest (which we won't do in this tutorial) and programmatically (which we will do in this tutorial).

From below, background.js is a kind of the mainframe or hub of a Chrome extension - it works like a backend environment.

```
{
  "name": "Chrome Extension MV3",
  "description": "Learning all about Chrome Extensions Manifest Version 3!",
  "version": "0.1.0",
  "manifest_version": 3,
  "icons": {
    "16": "/images/icon-16x16.png",
    "32": "/images/icon-32x32.png",
    "48": "/images/icon-48x48.png",
    "128": "/images/icon-128x128.png"
  },
  "background": {
    "service_worker": "background.js"
  },
  "action": {
    "default_popup": "popup.html",
    "default_icon": {
      "16": "/images/icon-16x16.png",
      "32": "/images/icon-32x32.png",
      "48": "/images/icon-48x48.png",
      "128": "/images/icon-128x128.png"
    }
  },
  "options_page": "options.html",
  "permissions": [
    "storage",
    "activeTab",
    "scripting",
    "tabs"
  ],
  "host_permissions": [
    "https://www.google.com/*"
  ]
}
```