Firefox Browser extension notes

In deciding to make a browser extension to assist in my ctfs, I will be writing my notes here

Manifests

manifest.json contains information and rules to do with your extension

`manifest_version` , `name` and `version` are *mandatory* basic metadata

`description` is an optional description that is displayed in the Add-ons Manager

`homepage_url` is an optional link to a github sourcode

`icons` is option, it allows you to specifiy the icon for the extension

`content_scripts` tells firefox which web pages to load a script into, the domain, the subdomain, the protocol

The manifest could contain `browser_specific_settings.gecko.id` which gives your extension a specific id unique from other ones.

`permissions` tells us the permissions needed by the extension

All paths to resources *must* be **relative**

Functionality

The **browser action** is the json construct that envelops most of the functionality

Within a browser action, you can have a the button on the toolbar

Within a browser action, you have the popup and its scripts

`browser.tabs.executeScript("<scriptPath>")` will fail on elevated sites, eg mozilla,org or about:debugging

`listenForClicks()` function listens for clicks on the popup