

Extend the Browser

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Manifest File Format

Every extension has a [JSON](#)-formatted manifest file, named `manifest.json`, that provides important information.

Field summary

The following code shows the supported manifest fields for Extensions, with links to the page that discusses each field.

```
{
  // Required
  "manifest_version": 2,
  "name": "My Extension",
  "version": "versionString",

  // Recommended
  "default_locale": "en",
  "description": "A plain text description",
  "icons": {...},

  // Pick one (or none)
  "browser_action": {...},
  "page_action": {...},

  // Optional
  "action": ...,
  "author": ...,
  "automation": ...,
  "background": {
    // Recommended
    "service_worker": "serviceWorker.js"
```

```

    "persistent": false,
    // Optional
    "service_worker":
},
"chrome_settings_overrides": {...},
"chrome_ui_overrides": {
    "bookmarks_ui": {
        "remove_bookmark_shortcut": true,
        "remove_button": true
    }
},
"chrome_url_overrides": {...},
"commands": {...},
"content_capabilities": ...,
"content_scripts": [{...}],
"content_security_policy": "policyString",
"converted_from_user_script": ...,
"current_locale": ...,
"declarative_net_request": ...,
"devtools_page": "devtools.html",
"event_rules": [{...}],
"externally_connectable": {
    "matches": ["*://*.example.com/*"]
},
"file_browser_handlers": [...],
"file_system_provider_capabilities": {
    "configurable": true,
    "multiple_mounts": true,
    "source": "network"
},
"homepage_url": "http://path/to/homepage",
"import": [{"id": "aaaaaaaaaaaaaaaaaaaaaaaaaaaa"}],
"incognito": "spanning, split, or not_allowed",
"input_components": ...,
"key": "publicKey",
"minimum_chrome_version": "versionString",
"nacl_modules": [...],
"oauth2": ...,
"offline_enabled": true,
"omnibox": {
    "keyword": "aString"
},
"optional_permissions": ["tabs"],
"options_page": "options.html",
"options_ui": {
    "chrome_style": true,
    "page": "options.html"
},
"permissions": ["tabs"],
"platforms": ...,
"replacement_web_app": ...,
"requirements": {...},
"sandbox": [...],
"short_name": "Short Name",
"signature": ...,
"spellcheck": ...,
"storage": {
    "managed_schema": "schema.json"
},
"system_indicator": ...,

```

```
"tts_engine": {...},  
"update_url": "http://path/to/updateInfo.xml",  
"version_name": "aString",  
"web_accessible_resources": [...]  
}
```

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