chrome

Develop Extensions

After reading the **Getting Started** tutorial and **Overview**, use this guide as an outline to extension components and abilities. Developers are encouraged to explore and expand extension functionality.

Customize extension user interface	
Browser Actions	Add an icon, tooltip, badge, and popup to the toolbar.
Commands	Add keyboard shortcuts that trigger actions.
Context Menus	Add items to Google Chrome's context menu.
Omnibox	Add keyword functionality to the address bar.
Override Pages	Create a version of the New Tab, Bookmark, or History page.
Page Actions	Dynamically display icons in the toolbar.

Build extension utilities	
Accessibility (a11y)	Make an extension accessible to people with disabilities.
Background Scripts	Detect and react when something interesting happens.
Internationalization	Work with language and locale.
Identity	Get OAuth2 access tokens.
Management	Manage extensions that are installed and running.
Message Passing	Communicate from a content script to its parent extension, or vice versa.
Options Pages	Let users customize an extension.
Permissions	Modify an extension's permissions.
Storage	Store and retrieve data.

Modify and observe the Chrome Browser	
Bookmarks	Create, organize, and manipulate bookmark behavior.
Browsing Data	Remove browsing data from a user's local profile.
Downloads	Programmatically initiate, monitor, manipulate, and search for downloads.
Font Settings	Manage Chrome's font settings.
History	Interact with the browser's record of visited pages.
Privacy	Control Chrome privacy features.
Proxy	Manage Chrome's proxy settings.
Sessions	Query and restore tabs and windows from a browsing session.
Tabs	Create, modify, and rearrange tabs in the browser.
Top Sites	Access users most visited URLs.
Themes	Change the overall appearance of the browser.
Windows	Create, modify, and rearrange windows in the browser.

Modify and observe the web	
Active Tab	Securely access websites by removing most needs for `<all_urls>` host permission.
Content Settings	Customize websites features such as cookies, JavaScript, and plugins.
Content Scripts	Run JavaScript code in the context of web pages.
Cookies	Explore and modify the browser's cookie system.

Cross-Origin XHR	Use XMLHttpRequest to send and receive data from remote servers.
Declarative Content	Perform actions on the content of a page without requiring permission.
Desktop Capture	Capture content of screen, individual windows or tabs.
Page Capture	Save a tab's source information as MHTML.
Tab Capture	Interact with tab media streams.
Web Navigation	Status updates of navigation requests in-flight.
Web Request	Observe and analyze traffic. Intercept block, or modify requests in-flight.

Package, deploy and update	
Autoupdating	Update extensions automatically.
Hosting	Host extensions on Google or a designated server.
Other Deployment Options	Distribute extensions on a designated network or with other software.
Packaging	Create a `.crx` file to distribute an extension outside of the **Chrome Webstore**.

Expand Chrome DevTools	
Debugger	Instrument network interaction, debug JavaScript, mutate the DOM and CSS.
Devtools	Add features to Chrome Developer Tools.