My first Chrome Extension

• • •

Paul Comanici

CODECAMP | Cluj-Napoca | 24 NOV | Grand Hotel Italia

GLOBAL PARTNERS

softvision

BRD
GROUPE SOCIETE GENERALE

INNOVATION PARTNER
NTT DaTa

Continental

UiPath

DIAMOND

UNLOQ®.io

i welcome

METRO SYSTEMS

8x8
Communications Cloud

P3 digital services

EDUROM

appsbroker
Google Cloud
Premier Partner

Pentalog

TELENAV

yonder
APPLICATION INNOVATION
TSS

25

PLATINUM

FREQUENTIS

3PILLAR GLOBAL

REGINA MARIA
REȚEAUA PRIVATĂ DE SĂNĂTATE

GARMIN.

GOLD

AXONSOFT
code your business

JET BRAINS

gaus°

SDL*

SIEMENS
Ingenuity for life

nexttech

Porsche Engineering
driving technologies

Microsoft

About me

- Technical Lead @8x8

- JavaScript

- Nature

- Magic the Gathering

Structure

1. Overview

2. Development & Demo

3. Publish

4. Takeaway

Overview

"Extensions are zipped bundles of HTML, CSS, JavaScript, images, and other files used in the web platform, that customize the Google Chrome browsing experience. Extensions are built using web technology and can use the same APIs the browser provides to the open web."
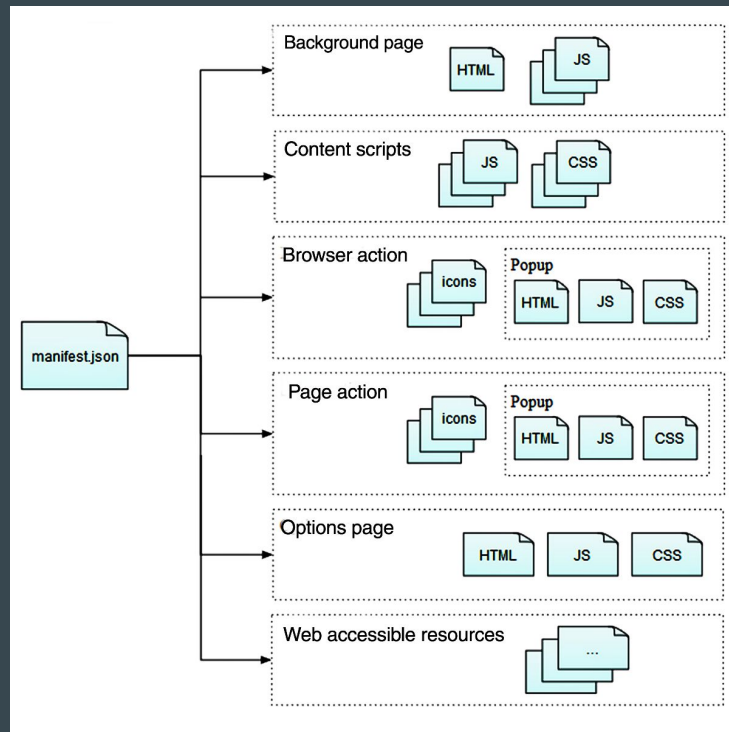
https://developer.chrome.com/extensions/overview

Development

- Manifest

- Background Script

- Content Script

- Page / Browser actions

- Options Page

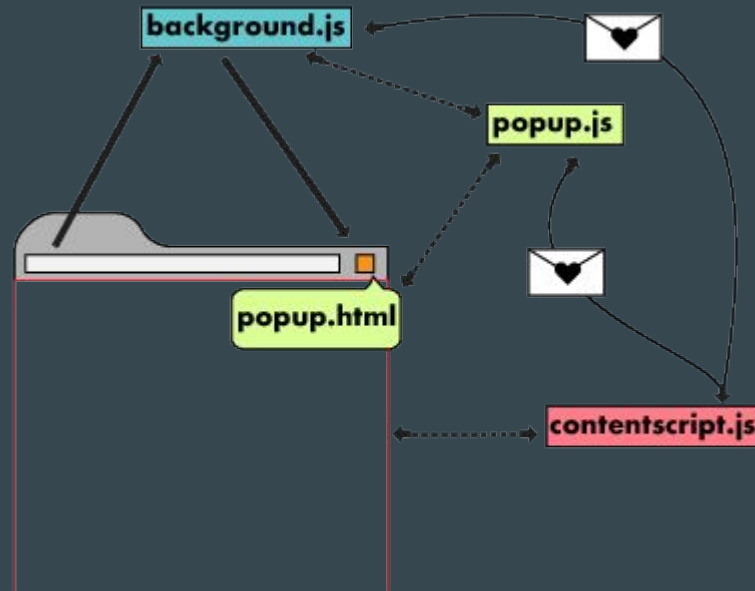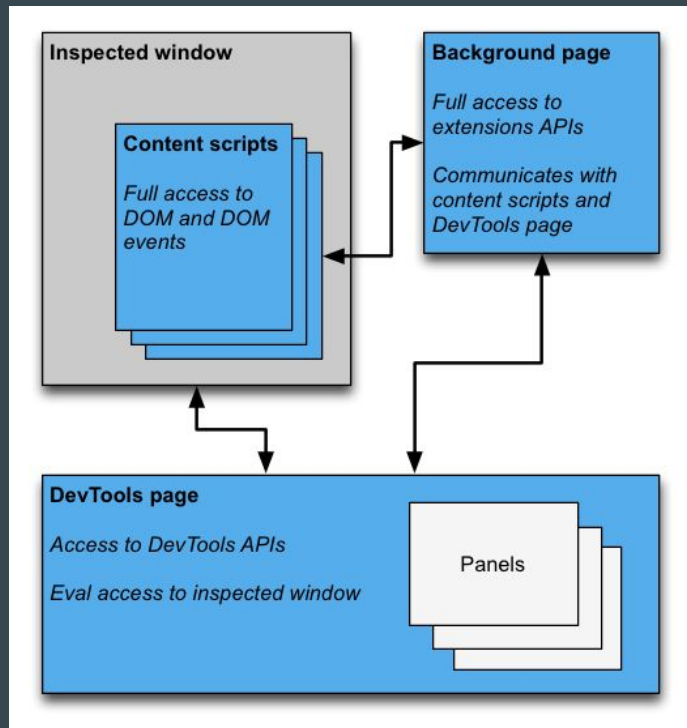- Internationalization

Development

- Manifest

- Background Script

- Content Script

- Page / Browser actions

- Options Page

- Internationalization

Development - manifest

```json
{
  // 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
  ...
  ...
}
```

Development - access & commuication

Development - demo

Source code available on GitHub

For this talks: @darkyndy/talks/my-first-chrome-extension

Other personal project: @darkyndy/YoutubeVideoPreview

Publish

1. Create a developer account

2. Create zip with extension files

3. Upload your extension

4. Share

Takeaway

- Improve online experience

- Work with latest JavaScript available in Chrome

- Be respectful

Resources

- https://developer.chrome.com/extensions

- Google Plus community: Chrome App and Extensions Development

- StackOverflow google-chrome-extension tag

- https://chrome.google.com/webstore/category/extensions

https://goo.gl/BPTmGh