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Build Chrome Extension Using JavaScript



NEXT →

Hey Everyone 🙌

A chrome extension is a program that is installed in the Chrome browser that enhances the functionality of the browser.

You can build one easily using web technologies like HTML, CSS, and JavaScript.

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Preview

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😊 Awesom Jokes To make your Day 😊

Whoever invented the knock-knock
joke should get a no bell prize.

Next Jokes

Setup

- Make Folder in your Code Editor
- Add 'icon.png' with 128X128 size.
- Create 'manifest.json' file.
- Create 'popup.html' and 'style.css'.
- At last create 'script.js'.

manifest.json

- specify basic metadata about your extension such as the name and version, and can also specify aspects of your extension's functionality.

```
{  
  "name": "Dad Jokes",  
  "version": "0.0.1",  
  "description": "Awesom Jokes To make your Day",  
  "manifest_version": 2,  
  "browser_action": {  
    "default_popup": "popup.html",  
    "default_icon": "icon.png"  
  },  
  "icons": {  
    "128": "icon.png"  
  },  
  "permissions": ["activeTab"]  
}
```

Html and Javascript

- Write your extension html and Javascript.

```
<body>
  <div class="container">
    <h3>�� Awesom Jokes To make your Day 攢</h3>
    <div class="jokes" id="jokes">Awesom jokes is loading...</div>
    <button class="btn">Next Jokes</button>
  </div>
</body>
```

```
const jokes = document.querySelector('.jokes');
const nextBtn = document.querySelector('.btn');

const createJokes = () => {
  setHeader = {
    headers: {
      Accept: 'application/json',
    },
  };

  fetch('https://icanhazdadjoke.com/', setHeader)
    .then((res) => res.json())
    .then((data) => (jokes.innerHTML = data.joke))
    .catch((error) => console.log(error));
};

nextBtn.addEventListener('click', createJokes);
createJokes();
```

CSS

- Write your css in this file.

```
.container{  
    display: flex;  
    align-items: center;  
    background-color: white;  
    width: 400px;  
    border-radius: 15px;  
    box-shadow: 0 10px 20px 10px  
               rgba(0, 0, 0, 0.1);  
    justify-content: center;  
    flex-direction: column;  
    align-content: center;  
}  
.jokes{  
    margin: 20px 25px;  
    font-family: cursive;  
    text-align: center;  
    font-size: 1.2rem;  
    text-shadow: rgba(0, 0, 0, 0.3)  
                1px 0 10px;  
}  
.btn{  
    color: white;  
    background-color:#f8b627;  
    margin: 25px 0;  
    padding: 12px 20px;  
    border-radius: 5px;  
    border: none;  
    font-weight: 600;  
    cursor: pointer;  
    box-shadow: 5px 10px 20px 0px  
               rgba(0, 0, 0, 0.4);  
}  
.btn:hover{  
    background-color: white;  
    color:#f8b627;  
}
```

Extension is Ready

- Your chrome extension is Ready.
- For Preview of your Extension
 - › Go 'extension' section in your browser.
 - › Turn On Developer Mode.
 - › click 'Unload unpacked'.
 - › Select your Project folder.
- You can Publish your extension on chrome Web Store.

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THANKS FOR YOUR ATTENTION



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LATER**