

Process:

- The moment user request a page , the fetch will intercept the request
- Fetch will return a promise .
- We ll open the dynamiccaches and put the - caches.open
- We ll put the request into the caches - caches.put with the response clone returned from the fetch promise
- Return the response
- If promise got rejected fetch will go to caches (pre-cache) to match the request URL request

11. Installation Steps / Performance Steps and Results –

Q1	Write a code for dynamic caching in service worker file and include it in ecommerce website.
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Source code:

```
const dynamicCacheName = 'site-dynamic-v1';
// install event
self.addEventListener('install', evt => {
  console.log('service worker installed');
});

// activate event
self.addEventListener('activate', evt => {
  console.log('service worker activated');
});

// fetch event
self.addEventListener('fetch', evt => {
  //console.log('fetch event', evt);
  evt.respondWith(
    caches.match(evt.request).then(cacheRes => {
      return cacheRes || fetch(evt.request).then(fetchRes => {
        return caches.open(dynamicCacheName).then(cache => {
          cache.put(evt.request.url, fetchRes.clone());
          return fetchRes;
        });
      });
    });
  );
});
```

Output:



About Us



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Praesent facilisis ac arcu et aliquet. Morbi tincidunt nisl vel finibus aliquam. Integer vestibulum ligula sit amet neque egestas, nec rhoncus eros

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Application

Manifest

Service Workers

Storage

Storage

Local Storage

Session Storage

IndexedDB

Web SQL

Cookies

Trust Tokens

Interest Groups

Cache

Cache Storage

site-dynamic-v1 - http://127.0.0.1:5500

Back/forward cache

Background Services

Background Fetch

Background Sync

Notifications

Payment Handler

Console

Issues

What's New

Highlights from the Chrome 100 update

[View and edit @supports at-rules](#)

Filter by Path

#	Name	R...	C...	Ti...	Vi...
0	/CSS_files/about-u...	b...	te...	4/...	4/...
1	/CSS_files/ecomme...	b...	te...	3/...	4/...
2	/Images/about-im...	b...	i...	2/...	4/...
3	/Images/about-im...	b...	i...	5/...	4/...
4	/Images/about-im...	b...	i...	7/...	4/...
5	/Images/about-im...	b...	i...	1/...	4/...
6	/Images/backgrou...	b...	i...	1/...	4/...
7	/Images/backgrou...	b...	i...	4/...	4/...
8	/Images/backgrou...	b...	i...	1/...	4/...
9	/Images/ballon.jpg	b...	i...	4/...	4/...
10	/Images/blazers.jpg	b...	i...	3/...	4/...

Select a cache entry above to preview

Total entries: 62