

Taking Your Application Offline



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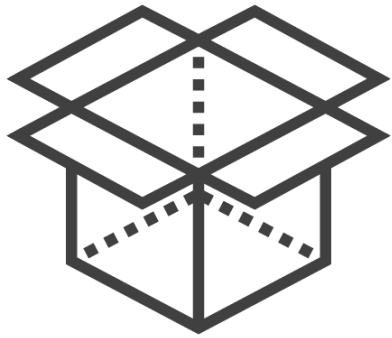
Service Worker

Proxy server that sits between web applications, the browser, and the network (when available).

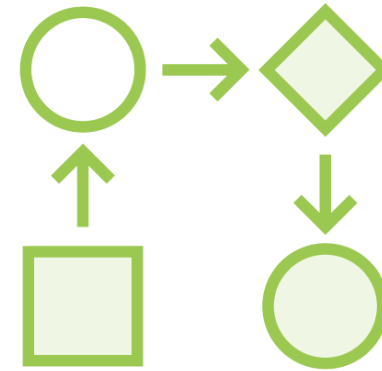
Source: https://developer.mozilla.org/en-US/docs/Web/API/Service_Worker_API



History of Offline Applications

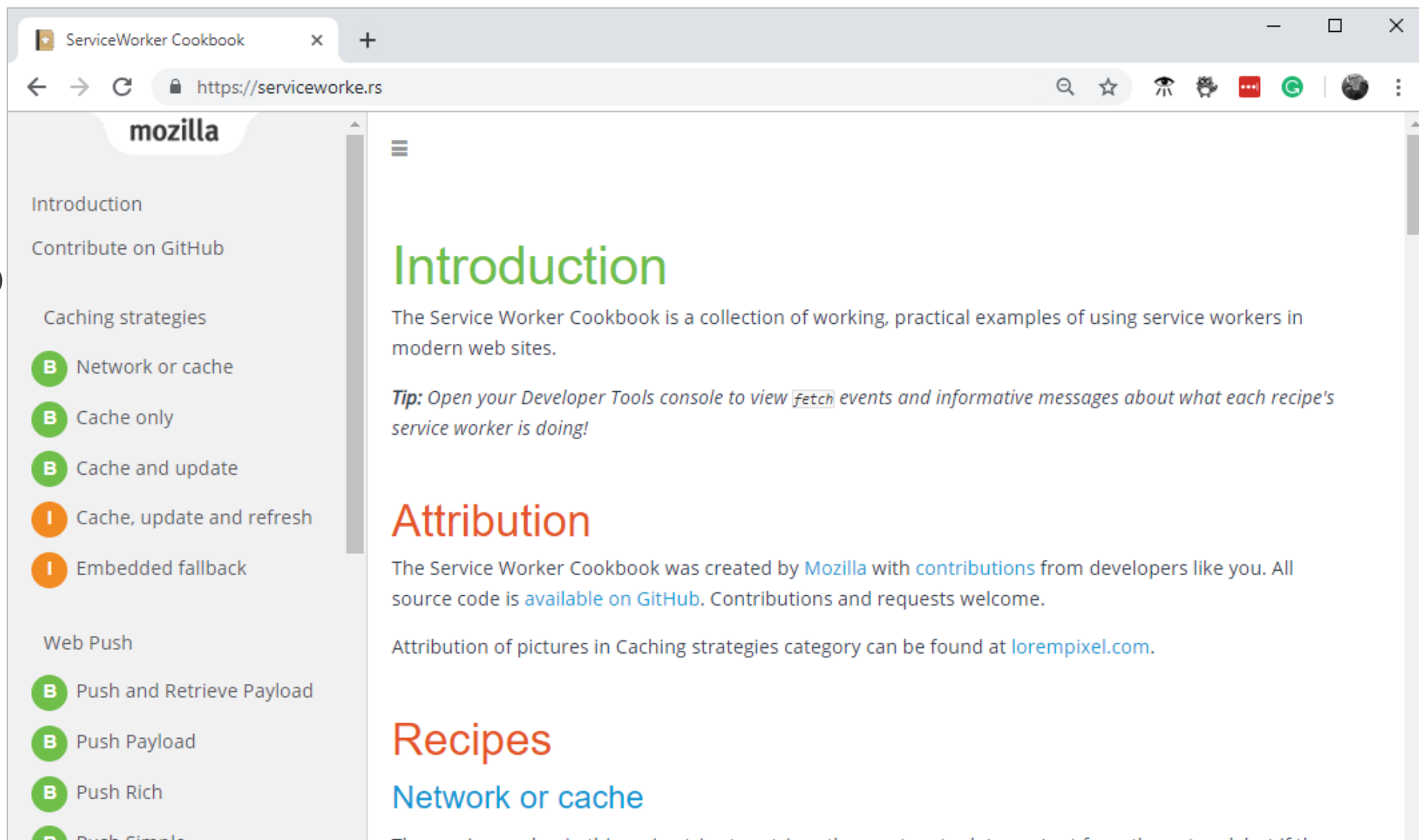


Application Cache

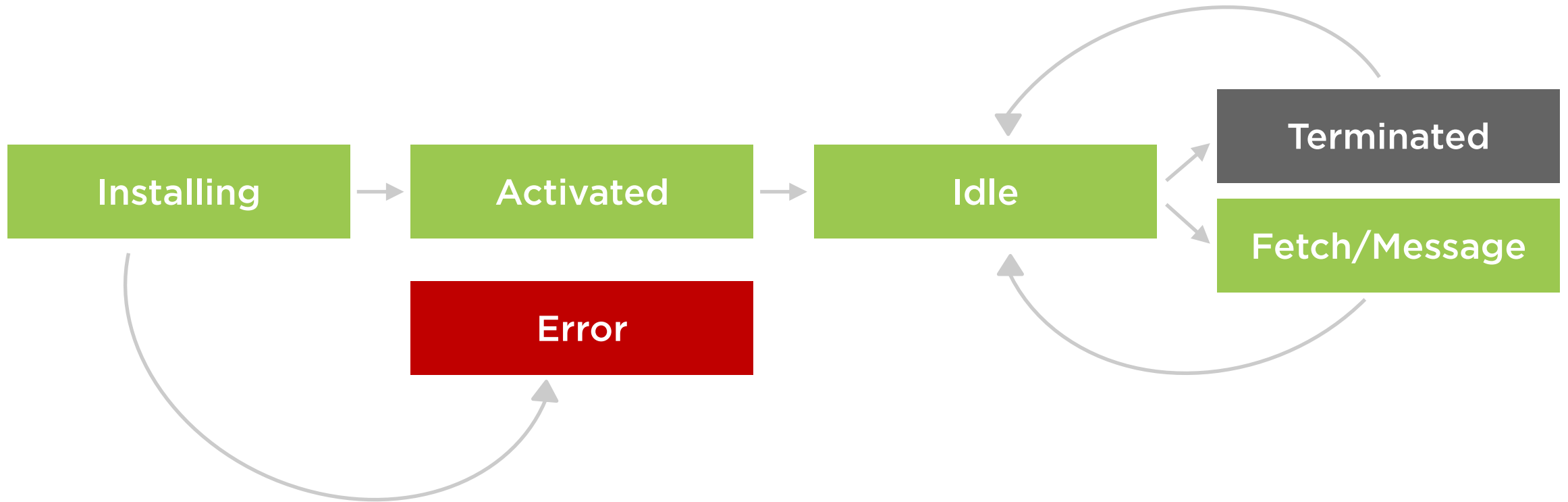


Service Worker

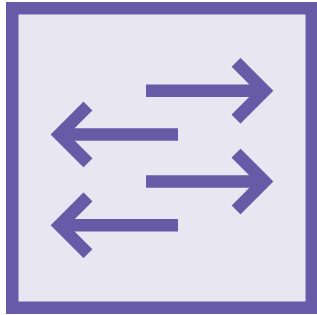
See
http



Lifecycle



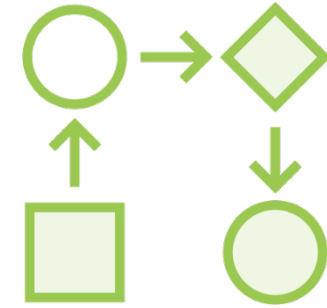
APIs



Fetch



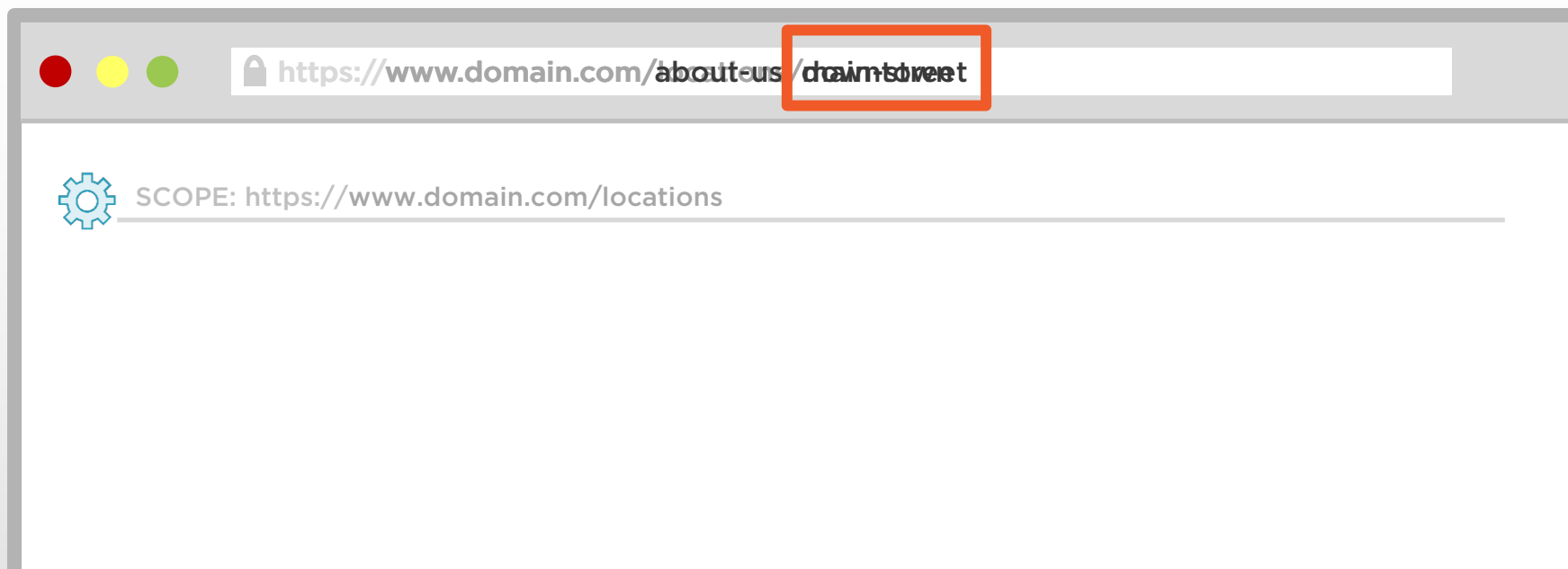
Cache



Service Worker



Scope



```
serviceWorker.register('sw.js', { scope: 'locations' });
```

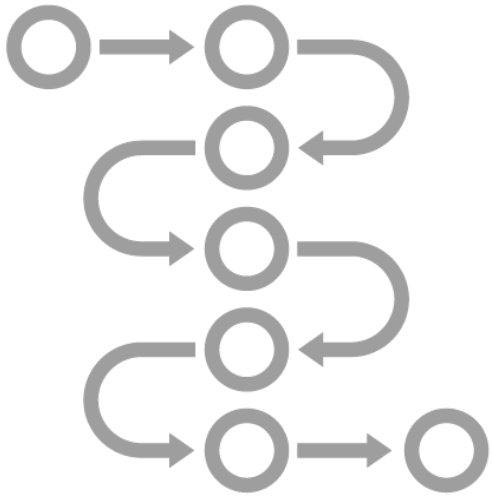
Secure Server Required



NOTE: localhost is allowed in development



Next Module



Communicate in real-time



Implementation Pattern

Pull from cache

**If not in cache,
make network call**

**Cache result from
network call**





Lifecycle

Fetch

Cache

Offline applications

