Creating "Multithreaded" Web Apps

Craig Shoemaker

SENIOR WEB DEVELOPER

@craigshoemaker   craigshoemaker.net

Web Workers

Browser-based background threads.
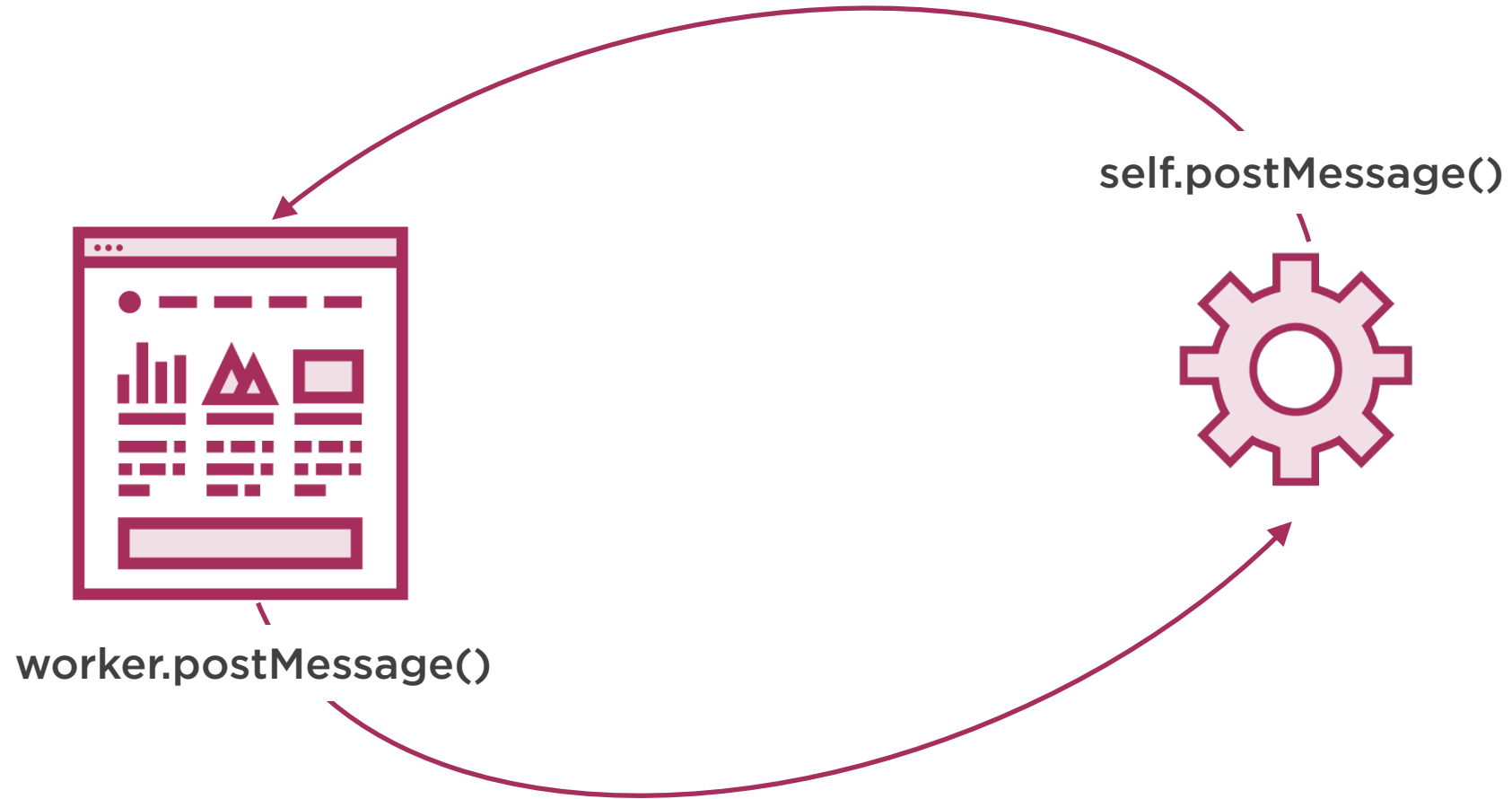
Types of Workers

Dedicated

Shared

Communication Between Page & Worker

self.postMessage()

worker.postMessage()

Available APIs

navigator

- appName
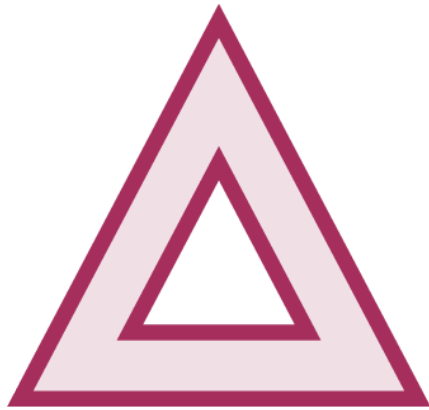- appVersion

platform

- userAgent
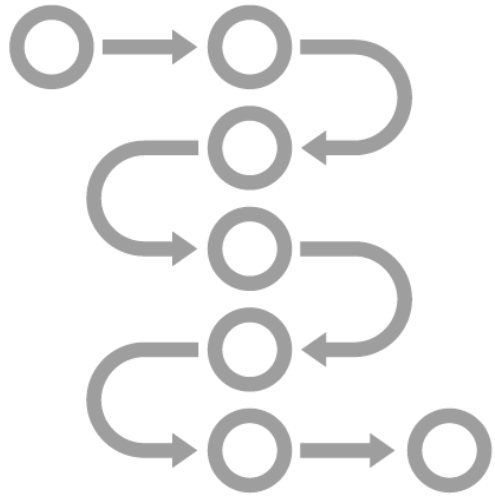
Timers

XmlHttpRequest

importScript

Restrictions

No access to:

- DOM

- UI related members of `window`

- Host page

Next Module

Taking Your Application Offline

- Isolation
- Allowed and Restricted APIs
- Communication
- Control the lifecycle