Making It Available Offline

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Overview

Caching
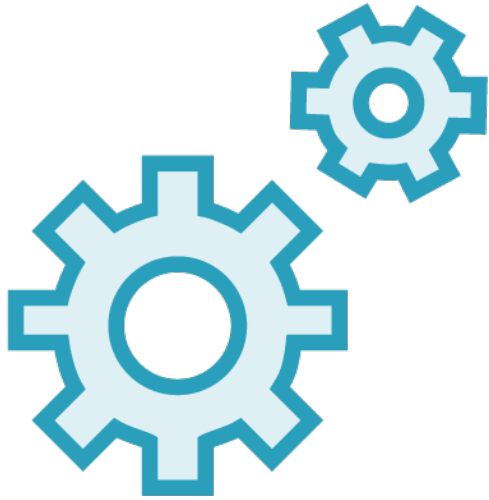
Using Service Workers

Online Detection

Demo

Detecting Online / Offline Status

Introduction to Offline Caching

Two Types of Apps

Apps that help you do things.

Apps that help you find things out.

AppCache

index.html

<html manifest="example.appcache">

…

</html>

example.appcache

CACHE MANIFEST

index.html

logo.png

styles.css

Caching with AppCache
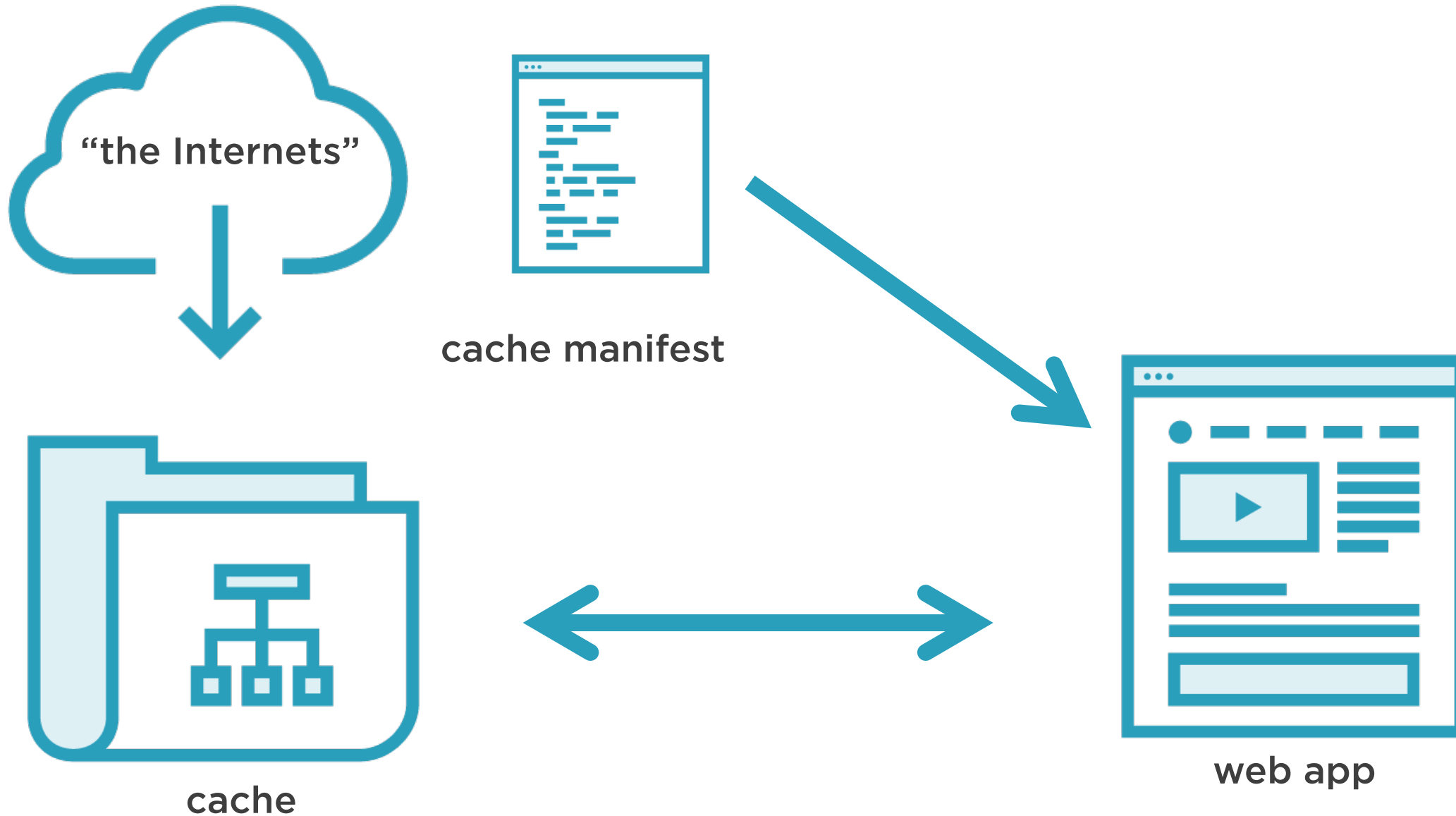
Caching with Service Workers

"the Internets"

Service Worker

cache

web app
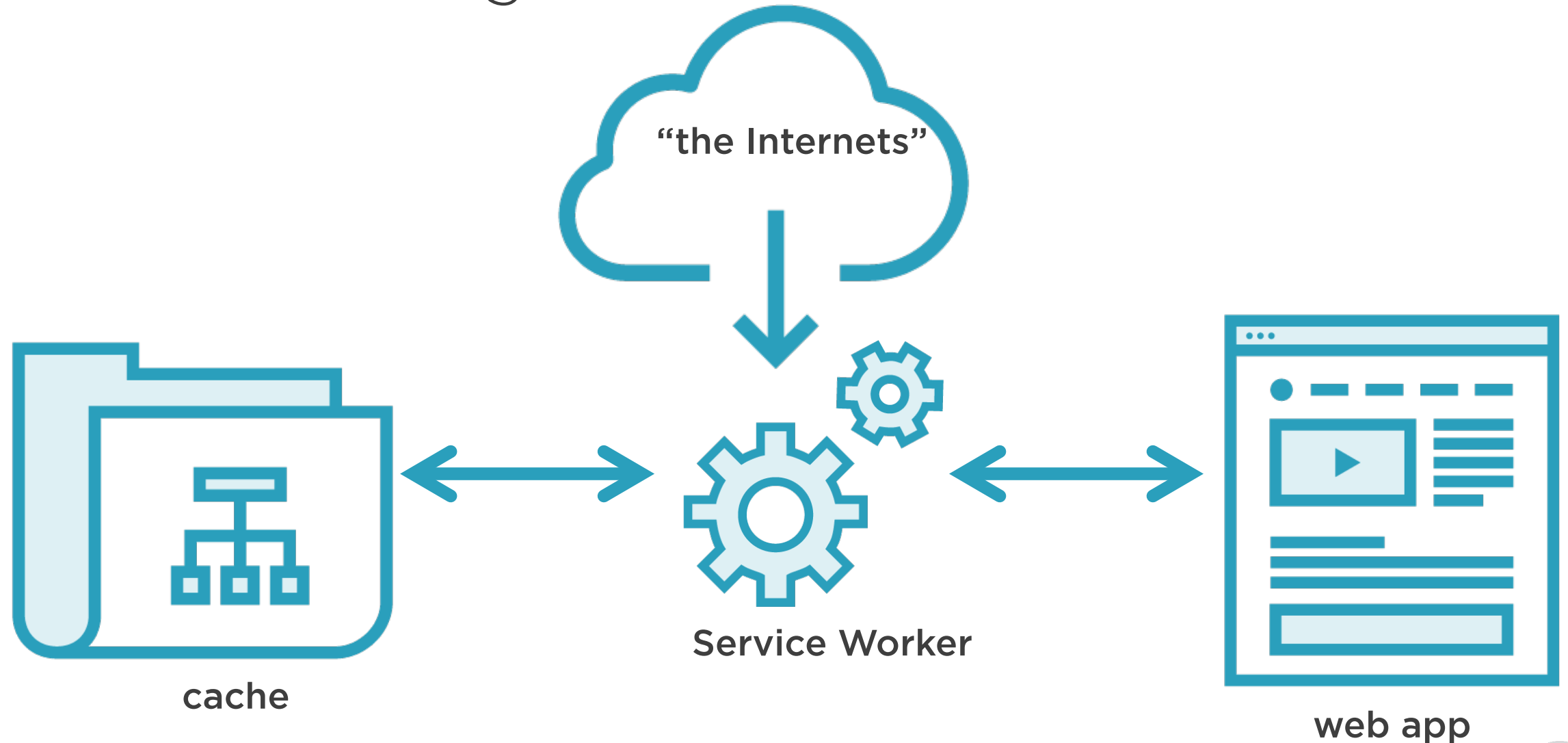
Demo

Registering a Service Worker

The Cache API

Stores Request / Response object pairs

Objects don't expire

Works only over HTTPS (or on localhost)

Demo

Creating the Cache

Demo

Working with the Cache