

Getting Started with Progressive Web Apps

CLIENT-SIDE STORAGE



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Cookies

Compatibility:	Everywhere
Data-type:	String
Size:	4KB
Pros:	Simple, Configurable, Compatible
Cons:	Less secure, Limiting, Attaches to requests, Easily deleted

HTML5 Web Storage

Compatibility:	Everywhere
Data-type:	String
Size:	2.5 - 5MB
Pros:	Simple, Not transmitted, Compatible
Cons:	Unstructured data, Slow access

WebSQL

Compatibility:	Strong support
Data-type:	String
Size:	2.5 - 5MB
Pros:	Asynchronous, Great search speed
Cons:	Deprecated, Steep learning curve, Schema pre-defined

IndexedDB

Compatibility:	Modern browsers
Data-type:	JS Object
Size:	10-20% of available space (browser specific)
Pros:	Asynchronous, Large dataset
Cons:	Steep learning curve, Complicated

Storage Options

- Cookies (Limiting)
- HTML5 Local Storage (Limited Size)
- WebSQL (Deprecated)
- IndexedDB (Learning Curve)

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The Offline Journey Begins



Summary

- App-shell
- External Service