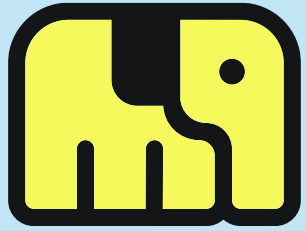


Local-First Web Development with the help of WebAssembly

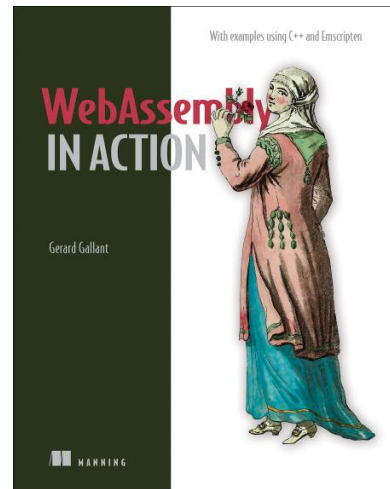


[Talk Feedback](#)

Gerard Gallant



CIO at Dovico Software



“WebAssembly in Action”

bit.ly/37zJbp5

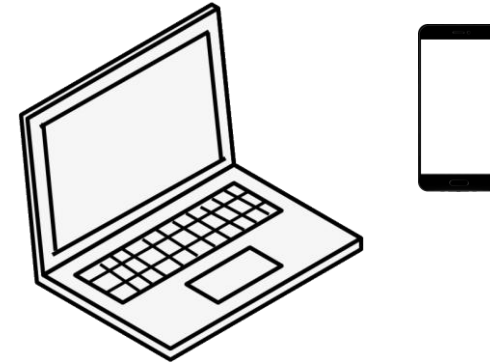
 @Gerard_Gallant

 linkedin.com/in/gerard-gallant

Software Development Approaches

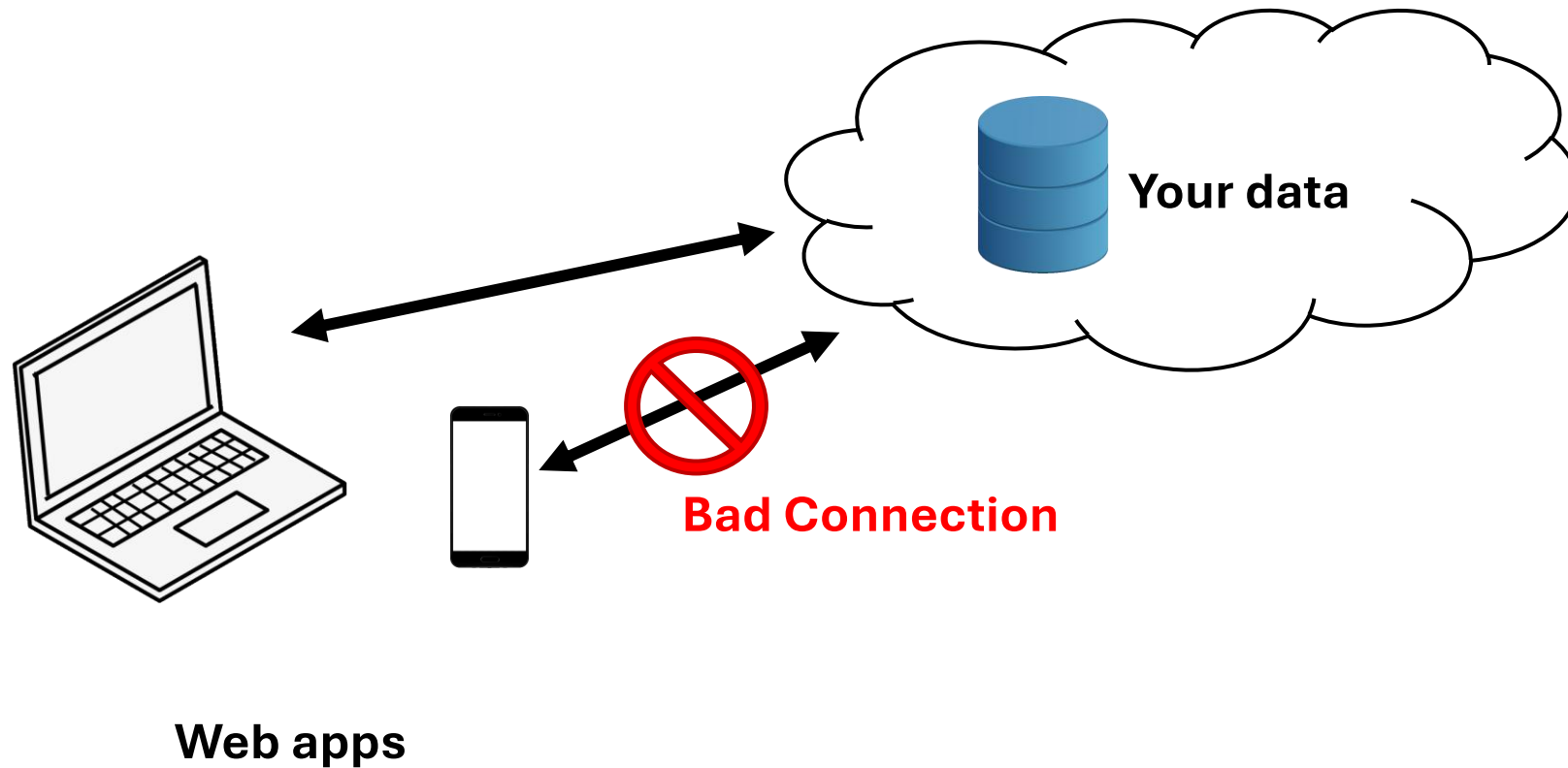


Desktop apps

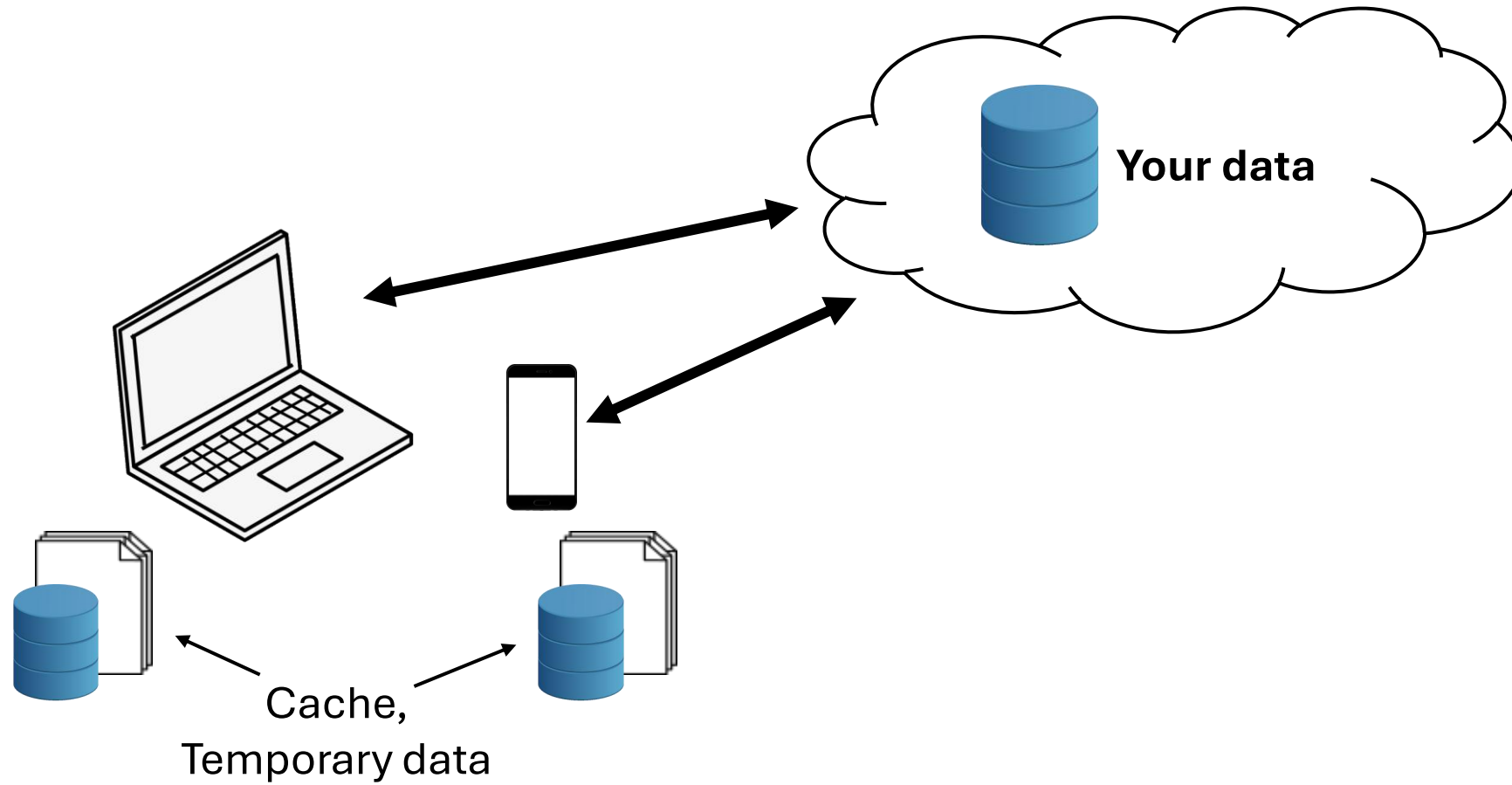


Other Devices

Software Development Approaches

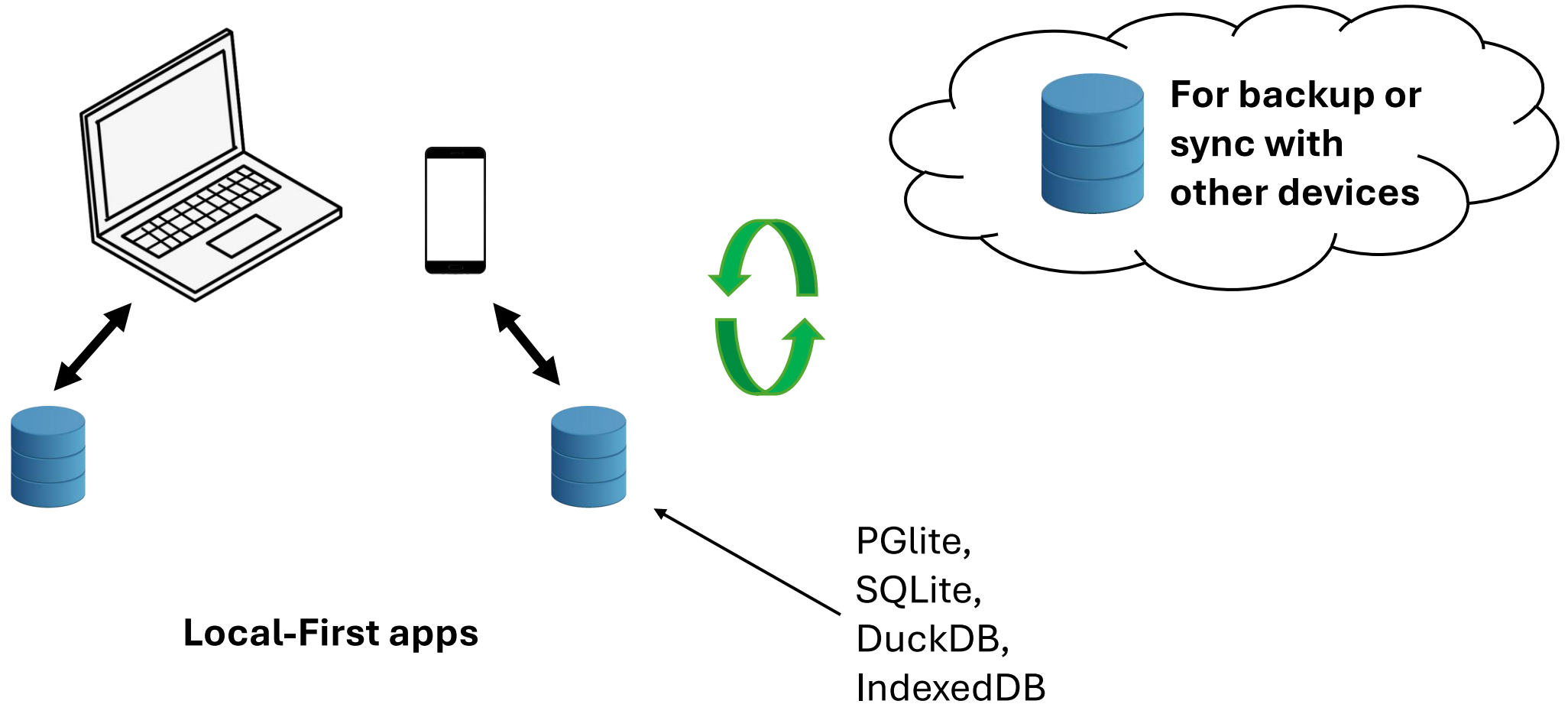


Software Development Approaches



Offline-First web apps

Software Development Approaches



WebAssembly (wasm)



In Modern Browsers & Node.js



On the server, IoT, or in your

code thanks to runtimes like

Wasmtime, Wasmer, WasmEdge,

WAMR, and others



Edge and Serverless

Compute

Fermion, Cloudflare, Fastly,
and others

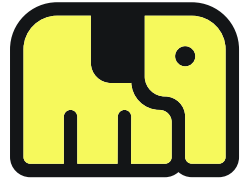


**Containers and Micro-
VMs**

Docker, Kubernetes, and
Hyperlight

Demo

Links



PGLite: pglite.dev



ElectricSQL: electric-sql.com

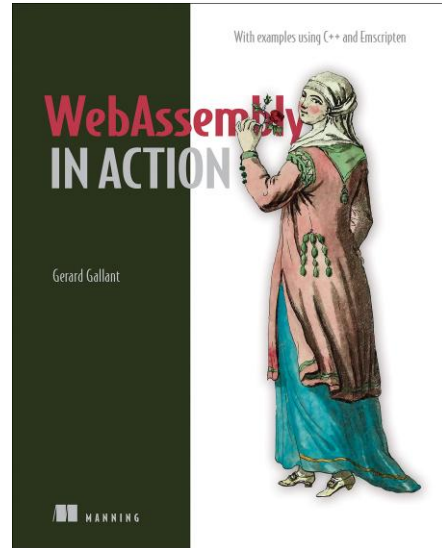
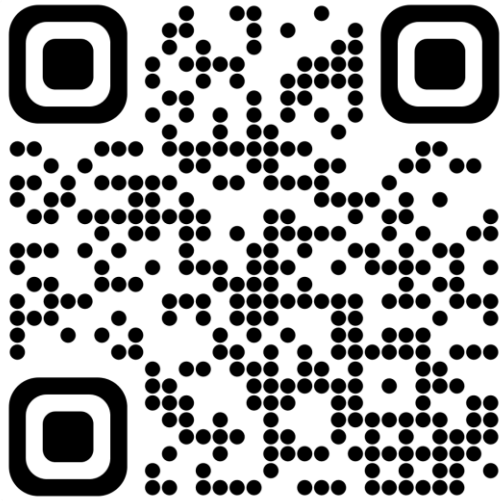


SQLite: sql.js.org

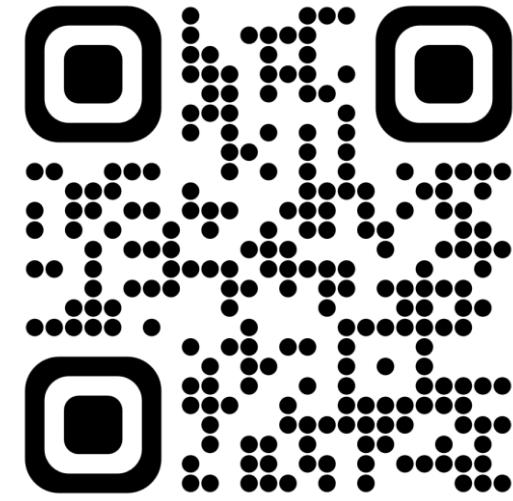


PowerSync: powersync.com

Digital version of my book where the 1st chapter is free: bit.ly/37zJbp5

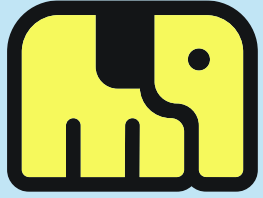


Today's code and slides: bit.ly/4ieto0T



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Thank You



Talk Feedback