

# Why this matters 1: Network is the Enhancement

- Latency not going away & bandwidth physics-limited
- Lie-fi, erratic & costly cell data
- Underprovisioned servers, activity surges, misconfigured routers
- Resources & data can be immediately served from cache or IDB, then updated via network
- Controlled caching: per-article, recent, predictive
- Load-balance between continents

# Why this is important 2:

## Threads & Streaming

- More convenient than Web Workers for I/O transforms
- Fetch JSON, xform to HTML
- Crypto, other xforms
- Move persistence layer to another thread
- Unobtrusive analytics
- UI stays snappy
- Progressive rendering keeps users engaged