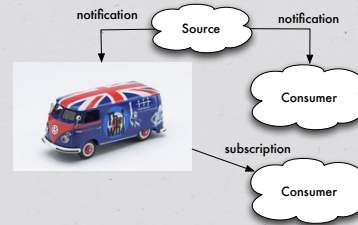


Messaging[n]

- * Source generates synthetic notification messages whenever changes occur. Messages may be delivered directly to consumers or passed to a (magic) service bus which may pass them to one or more subscribing consumers. Often implemented as “changelog + push”. May be synchronous or asynchronous.



Messaging[n]

* Advantages

- * $\lim(\text{latency}) \rightarrow 0$
- * cheap at the ends
- * Easily audited
- * Resilient / policy change (with ESB)
- * Strong for JIT provisioning

* Disadvantages

- * expensive in the middle
- * Messages? Standards?
- * Brittle/failures (by itself)
- * Tx's must still map ; mismatched atomicity can cause instability