



100 People and a Great Idea



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and a
Great Idea**

Developers have no consistent way to
use eBay assets to innovate

Solution
Unify eBay as a platform
Give merchants choice and
configurability, with simplicity
Provide developers usability and reach



x.commerce

an eBay Inc. company

X.commerce is ...

eBay Inc.'s newest business unit.

A vision to help merchants of all sizes compete in the world of technology-driven commerce.

An open platform that
enables developers
in a commerce ecosystem.

commerce

an eBay Innovation Inc. company



Problem

Merchants need help keeping up with the pace of change of technology

Developers have no consistent way to use eBay assets to innovate

Solution

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Innovation

Velocity

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Velocity



Decouple

Autonomy

Carefully

Architectural Principles

Composability

Evolvability

Developer usability

Operability

Extensibility

Data resiliency

Security

"A system's architecture codifies a set of decisions that are both hardest to change and have the most significant impact on the way the system manifests its quality attributes."

Decision Making

Explicit decision rights

Minimize participants in decisions

Consistency only when necessary

Common method for "big" decisions

Periodic "mind melds"

Architecture

Fabric

Asynchronous
Message-based
Topic-oriented
Multi-tenant

Open Commerce Language

Message syntax
Process semantics
Open source

Unified Runtime Stack



Technical Debt Management



Technical Debt Management

Culture

**Federated
teams**

**Decisive and
thoughtful
actions**

**Collective
responsibility**

**Customer
focus**

Pride

**Risk
tolerance**

Challenges

What's a greenfield culture?

How much process?

Do we have the right autonomy
boundaries?

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