100 People and a Great Idea
100 People and a Great Idea
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 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

Unify eBay as a platform

Give merchants choice and configurability, with simplicity

Provide developers usability and reach
100 people and a great idea
Velocity
Autonomy
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
Challenges

What's a greenfield culture?

How much process?

Do we have the right autonomy boundaries?
100 People and a Great Idea