Software Architecture using ØMQ

Pieter Hintjens #techmesh 2013

90% of software is already trash, 90% of the rest will be, soon

We basically don't know how to make code that can survive ten, let alone 50 years

Software architecture should be answering this question...

Can we build durable, perfect largescale systems?



Future code has to talk to code, has to be chatty, sociable, well-connected

CHANGE

A DEPOSIT OF THE OWNER

POLICE

The physics of software is the physics of people



How we connect to each other matters more than who we are

Writing distributed code is like a live jam session, all about other people

A good contract is worth a thousand assumptions

Distributed software lives or dies by its protocols



Protocols define the rights and obligations of each party



Simplicity always beats functionality

Design by removing problems, not adding features

Problems are not all equal, and most are illusions

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When you know the real problem you have done half the work

The problem landscape is real, and discoverable over time

Do nothing that is not a minimal, plausible answer to a clear problem

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Make every commit shippable

Take small steps, it hurts less when you fall

Case

Solve one problem, and repeat until you run out of time or money

Learn more:

The ØMQ Guide http://zero.mq/zg Coming from **O'Reilly** in Feb 2013

ØMQ London http://zero.mq/lug SkillsMatter eXchange, today 6.30pm