

Mainframe Manifesto for Agile Developers



Kevin Parker

*VP of Worldwide Marketing
Serena Software Inc
San Mateo, California*



#SHAREorg



SHARE is an independent volunteer-run information technology association that provides **education, professional networking and industry influence.**



Do you know your Agile Manifesto?



1:

2:

3:

4:

Complete your session evaluations online at www.SHARE.org/Seattle-Eval

Mainframe Agile Manifesto - Kevin Parker - Serena Software

The Mainframe Agile Manifesto

Move fast
without breaking things

We always do it that way
doesn't make it bad

Complexity is life
some things won't simplify

Question constantly
assumptions are outages

The Agile Manifesto

Individuals and interactions
over processes and tools

Working software
over comprehensive documentation

Customer collaboration
over contract negotiation

Responding to change
over following a plan



ПФт уФця сФтядде's тдіиГядте

Developers of the world unite!

- Mainframes are mobile
- Mainframes are web
- Mainframes are secure

You have nothing to lose but 3270!

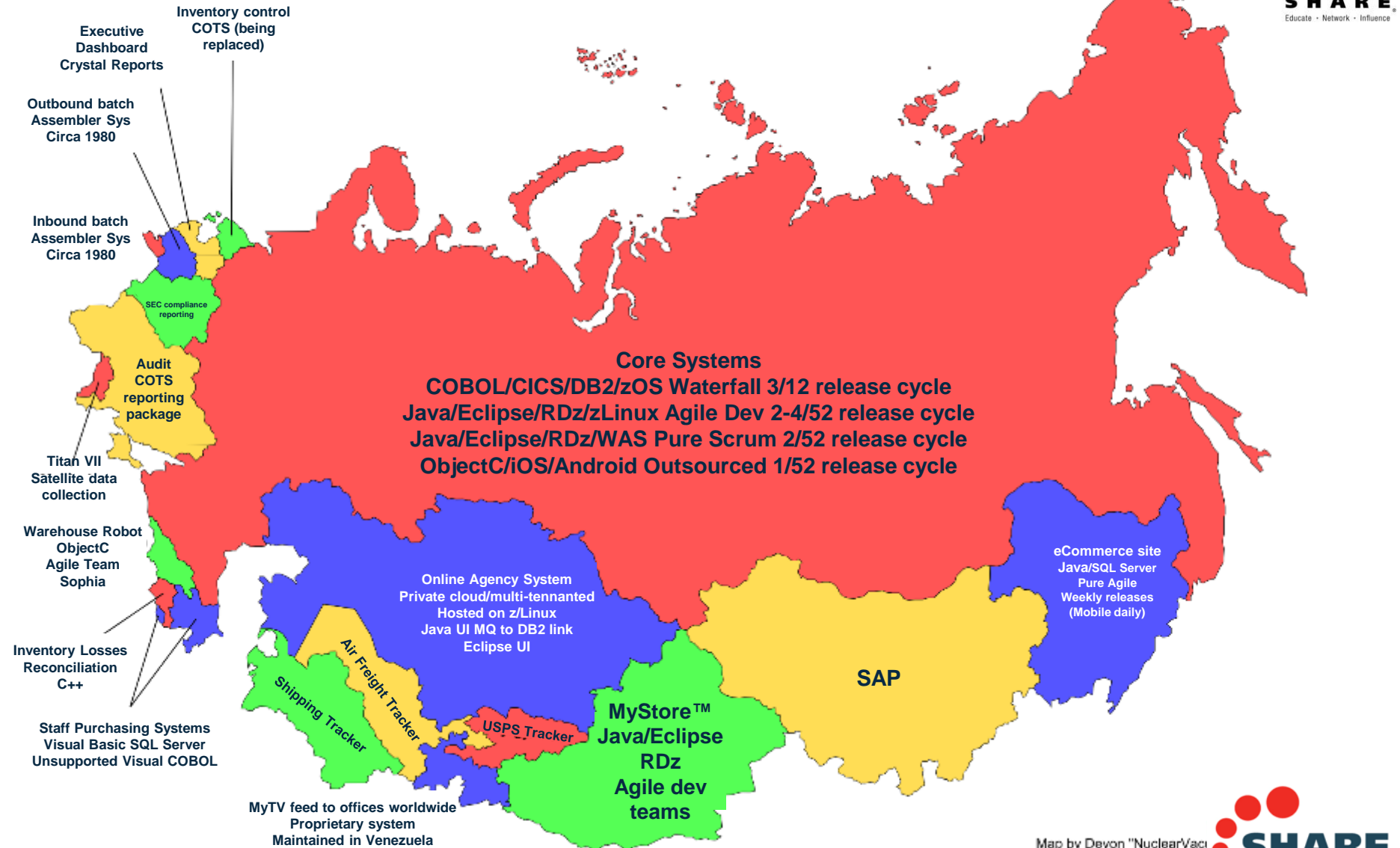
- Java on Eclipse and RDz
- COBOL on Eclipse and RDz
- Deployment to z/Linux, WAS and USS®

Complete your session evaluations online at www.SHARE.org/Seattle-Eval
Mainframe Agile Manifesto - Kevin Parker - Serena Software



JOIN THE DEVELOPMENT REVOLUTION

The Enterprise Soviet



Complete your session evaluations online at www.SHARE.org/Seattle-Eval

Mainframe Agile Manifesto - Kevin Parker - Serena Software

Map by Devon "NuclearVacc"

All revolutions need three people?



New World



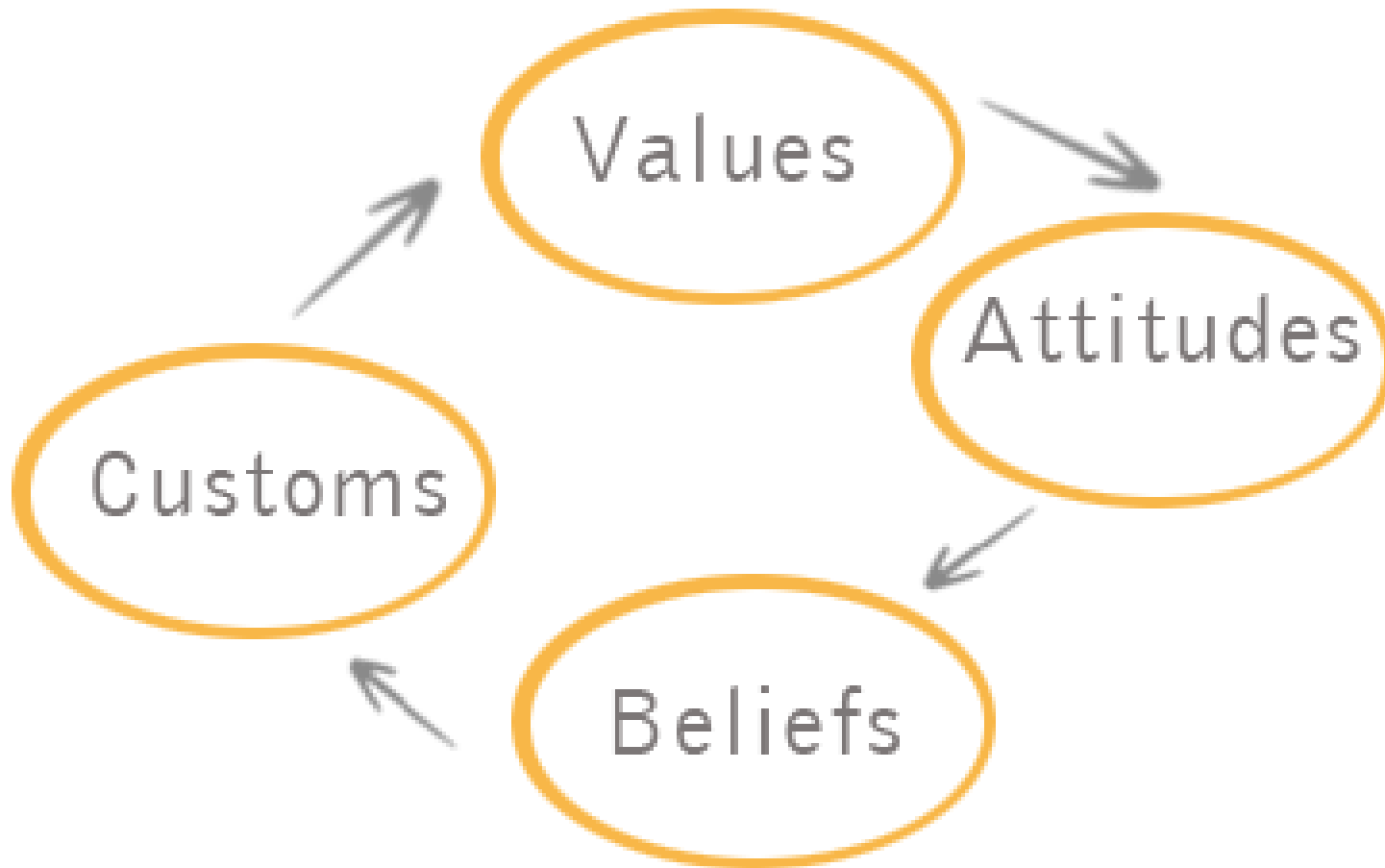
New World

So how do you start a revolution?

- Culture
- Infrastructure
- Dedication



Cultural change is the hardest



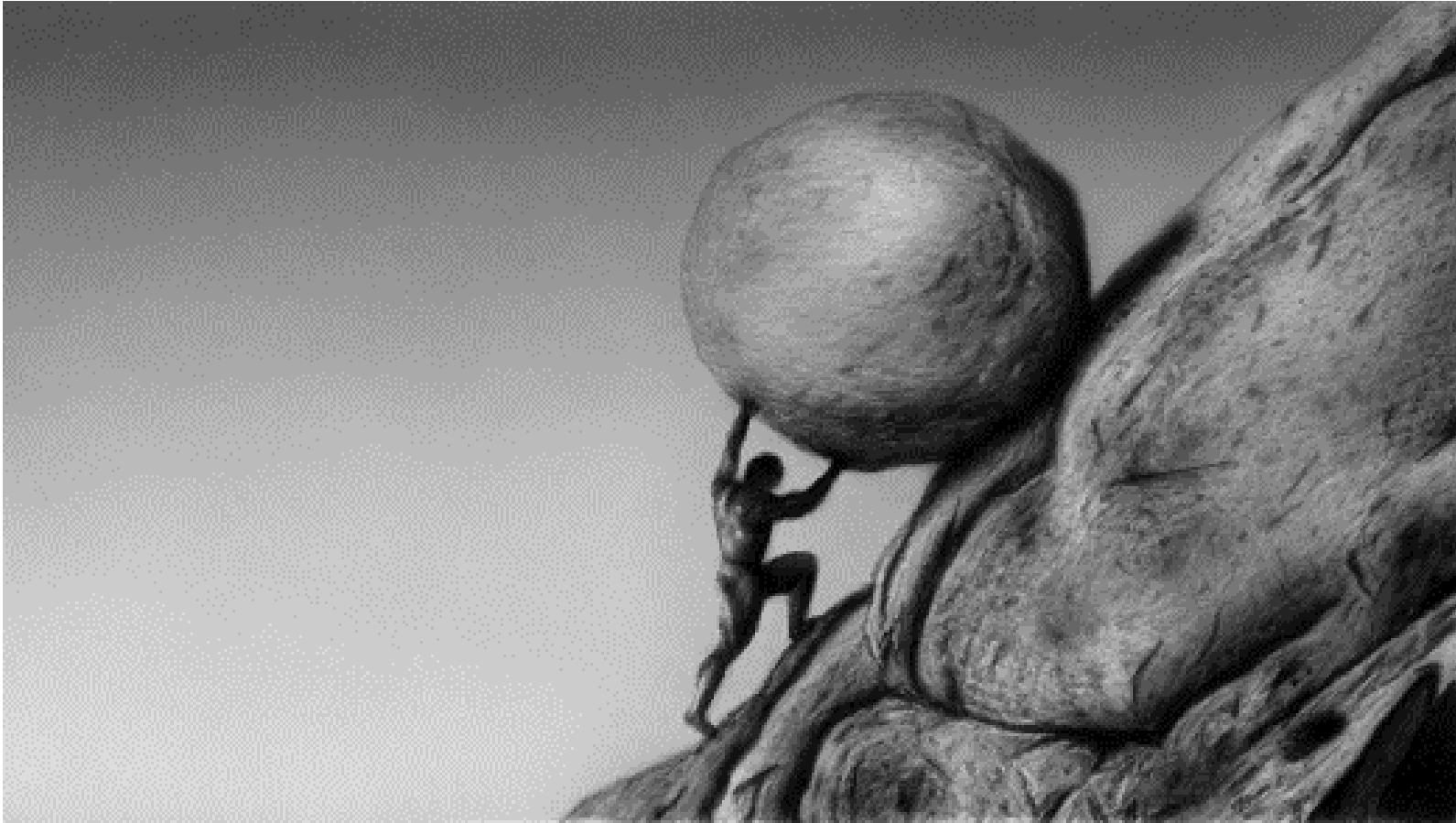
Infrastructure change is the easiest



Complete your session evaluations online at www.SHARE.org/Seattle-Eval

Mainframe Agile Manifesto - Kevin Parker - Serena Software

Dedication is the most exhausting



For agile development

Philosophy	Agile Dev	Agile Mainframe Dev
Individuals and interactions over processes and tools	Strong team collaboration	at an enterprise scale
Working software over comprehensive documentation	More time coding	while understanding impact of changes
Customer collaboration over contract negotiation	Open and transparent	with emphasis on compliance
Responding to change over following a plan	Remaining flexible	using infrastructure to speed change

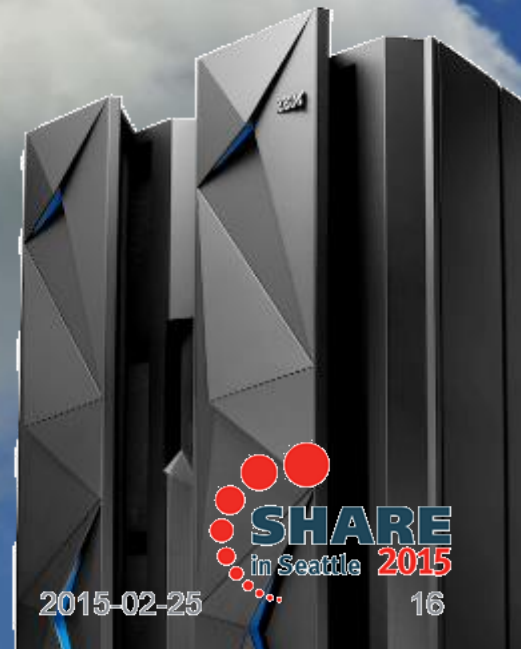
For agile development

Philosophy	Agile Infra	Agile Mainframe Infra
Individuals and interactions over processes and tools	Lightweight, task oriented, team focused	Low impact, goal oriented, enterprise focused
Working software over comprehensive documentation	Automated build, test, deliver	Automated build, test, deliver with enterprise approvals and notifications
Customer collaboration over contract negotiation	Prototyping & lightweight requirements	Prototyping and simulation with enterprise requirements and impact analysis
Responding to change over following a plan	Lightweight tracking tools	Shortened cycle times through automated infra

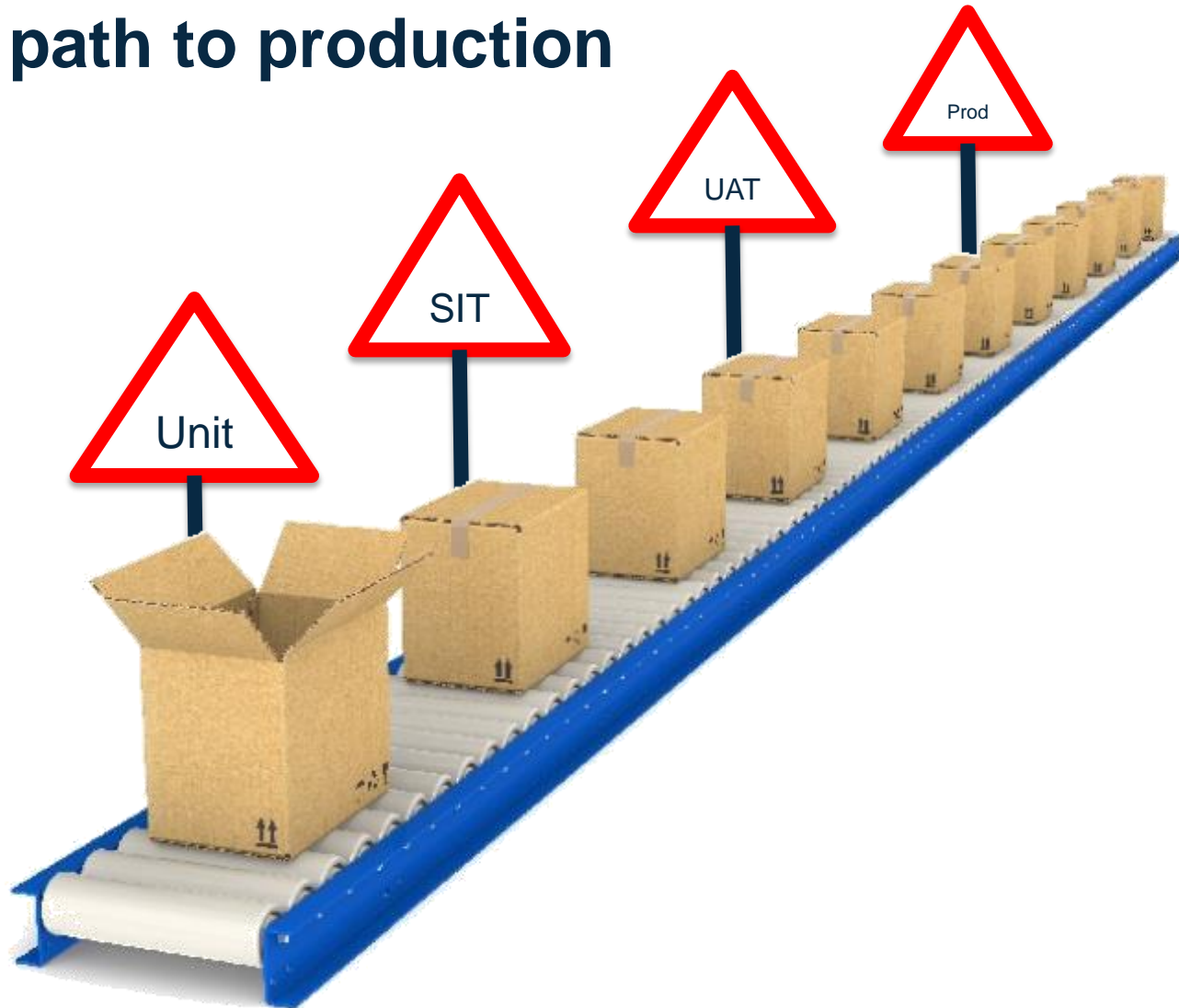
Sprawl



Single version of the truth



Single path to production



All roads lead to prod even the cobbled ones

**COBOL
ISPF**

**COBOL
Eclipse**

**Java
Eclipse**

**Java
RDz**

**Single version of the truth
Single path to production**

**Impact analysis
Collision detection
Automated notifications
Atomic commit
Integrated build
Continuous integration
Continuous testing
Continuous deployment**

z/OS

z/Linux

WAS

USS

Get agile today

**COBOL
ISPF**

**COBOL
Eclipse**

**Java
Eclipse**

**Java
RDz**

NEW

**ChangeMan ZMF
version 8**

**with integrated
Deployment
Automation**

z/OS

z/Linux

WAS

USS



**KEEP
CALM**
AND
**DEPLOY
MORE**



**KEEP
CALM**
AND
**DEPLOY
MORE**

Viva la revolución



Kevin Parker
VP WW Marketing
kparker@serena.com

Serena Software Inc.
1850 Gateway Drive, 4th Floor
San Mateo CA 94404 USA
650.224.1691 M

serena.com

