High Performing Teams

@MarkPearlCoZA

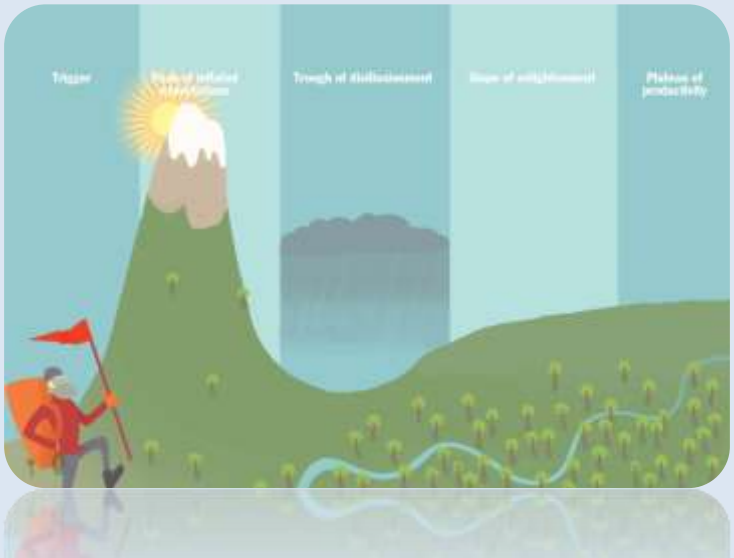
www.DeveloperUG.org.za

www.DrivenSoftware.com

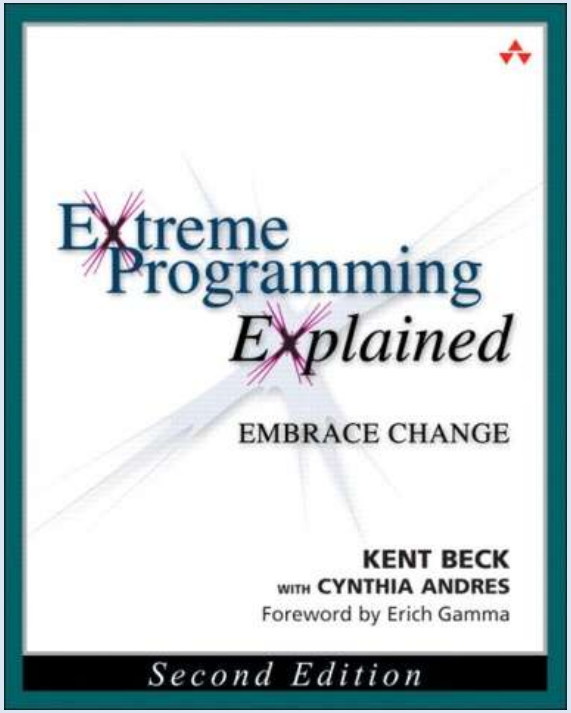
© Shutterstock

Attributes of Dysfunctional Teams

High Performing Teams



VALUES
• COMMUNICATION
• SIMPLICITY
• FEEDBACK
• RESPECT
• COURAGE


Extreme Programming Explained
EMBRACE CHANGE
KENT BECK
WITH CYNTHIA ANDRES
Foreword by Erich Gamma
Second Edition

PRINCIPLES
• MUTUAL BENEFIT
• BABY STEPS
• DIVERSITY
• REFLECTION
• ECONOMICS

Kent Beck

Pair Programming

Workspace Layout

Meetings

Automation

Technical Debt

Code

The End

Team Morale

Bringing New Members In

Team Conflict

Team Size

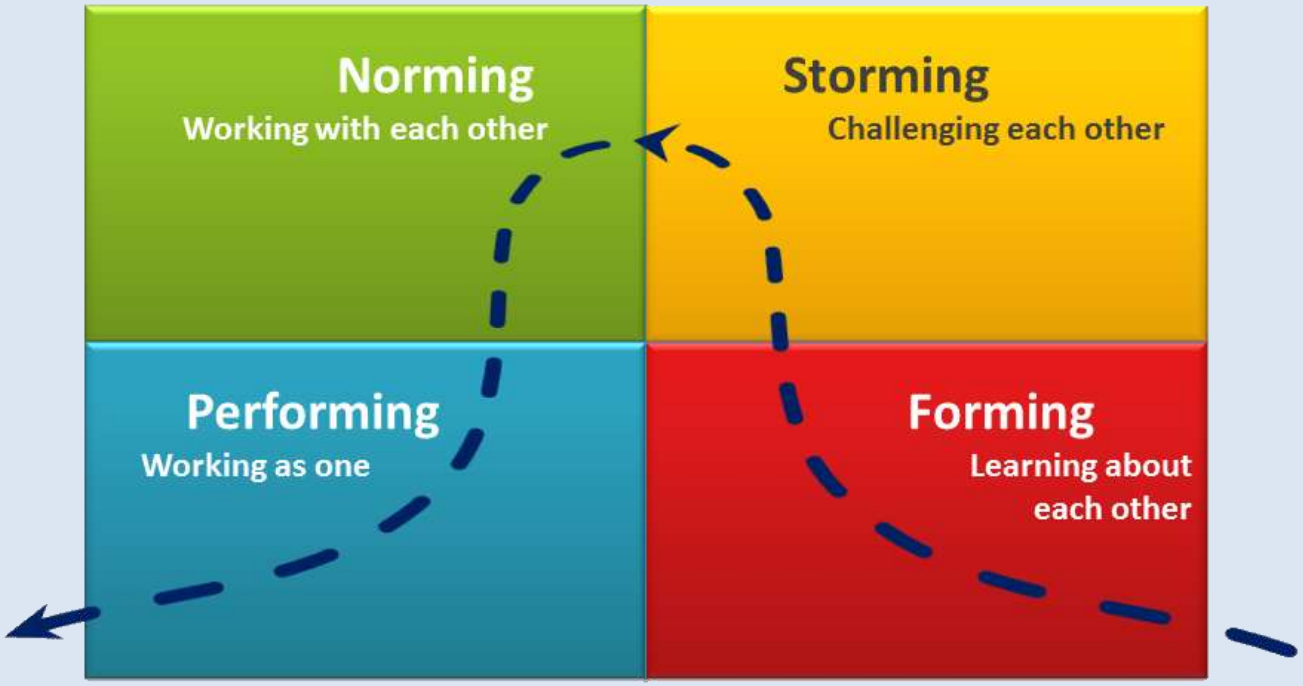
Pair Programming

Pomodoro Technique

Driver / Navigator Roles

Personal Space

Bringing New Members In



Bruce Tuckman

NB: Don’t Hire on Just Technical Qualifications

Reflection | Mutual Benefit | Other

Team Morale

Brown Bag Sessions

nerddinner

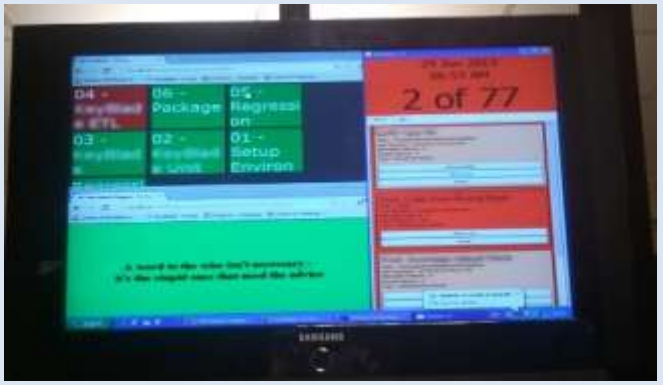
Code Kata Challenge

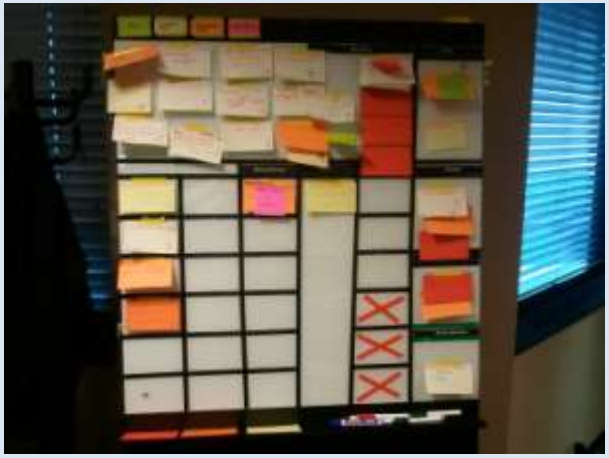
Typing Racer

Back | Menu

Other

Workspace Layout



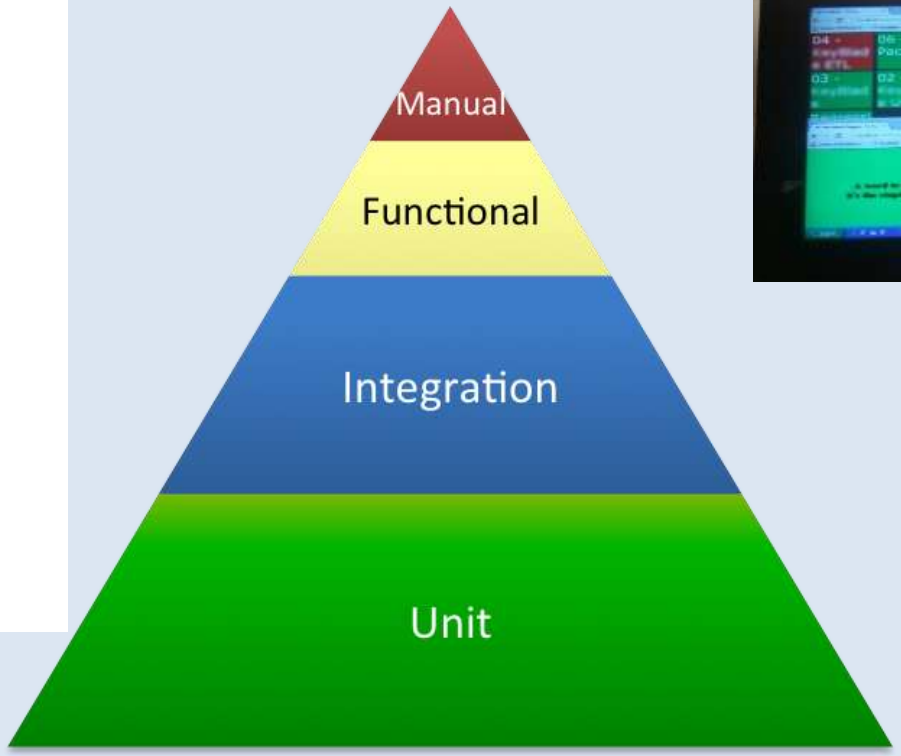


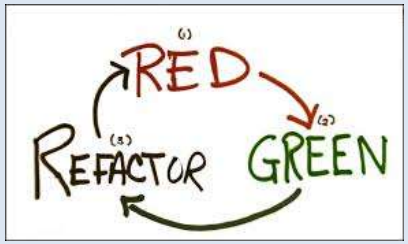
Back

Menu

Self Testing Code

TestCombinatorial *(6 tests)*	Success
TestCombinatorial(2,5)	Success
TestCombinatorial(2,6)	Success
TestCombinatorial(3,5)	Success
TestCombinatorial(3,6)	Success
TestCombinatorial(4,5)	Success
TestCombinatorial(4,6)	Success
TestPairwise *(4 tests)*	Success
TestRandom *(4 tests)*	Success
TestRange *(5 tests)*	Success
TestRange(0)	Success
TestRange(1)	Success
TestRange(-1)	Success
TestRange(2)	Success
TestRange(-2)	Success
TestRepeat	Success
TestSequential *(3 tests)*	Success
TestTestCase *(4 tests)*	Success
TestTestCase(12,0)	Success
TestTestCase(12,2)	Success
TestTestCase(12,3)	Success
TestTestCase(12,4)	Success
TestTestCaseSource *(3 tests)*	Success
TestTestCaseSource(2,2,4)	Success
TestTestCaseSource(3,5,15)	Success
TestTestCaseSource(7,9,63)	Success

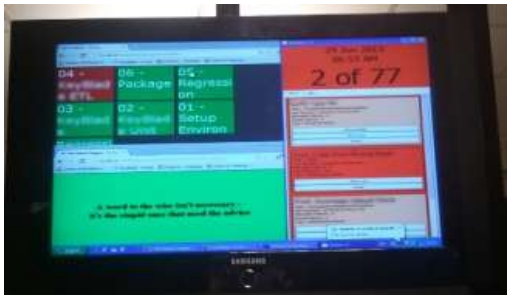




Automation

Jenkins

TeamCity



Acceptance_Testing #1211

Build_Dunelm #2469

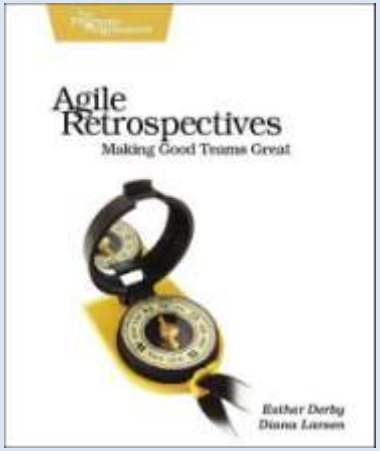
Deploy_Dunelm_dev #539

Deploy_Dunelm_qa #28

DEPLOYMENT MANAGER

Meetings

Short Daily Touch Base



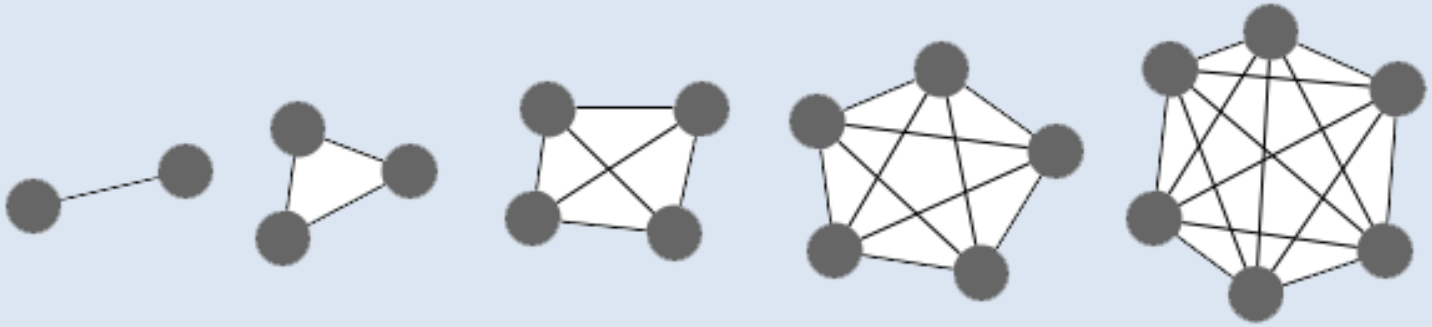
Regular Retrospectives

Regular Planning Meeting

flowtime

Chillisoft

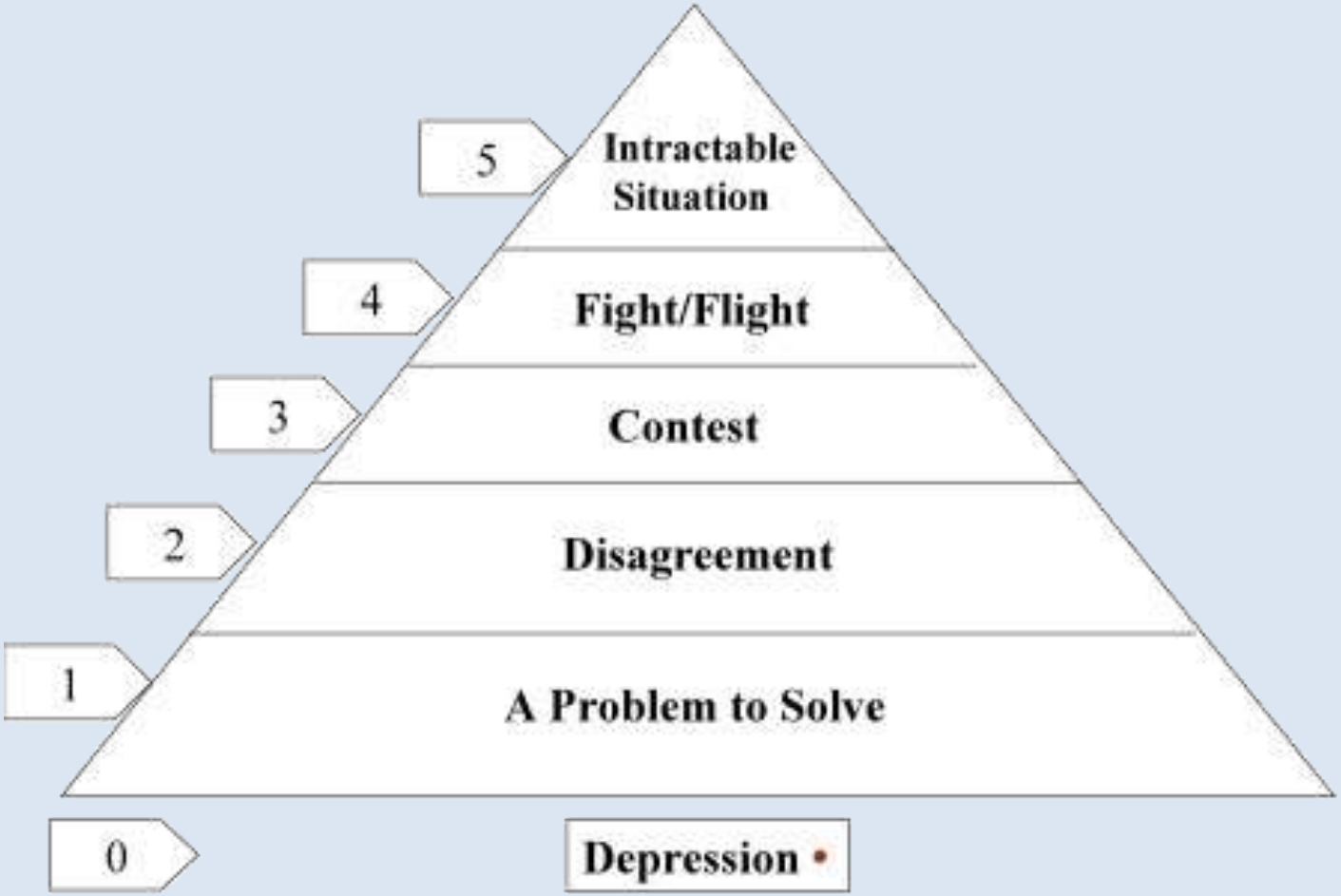
How big should your team be



Steve McConnell

Mike Cohn

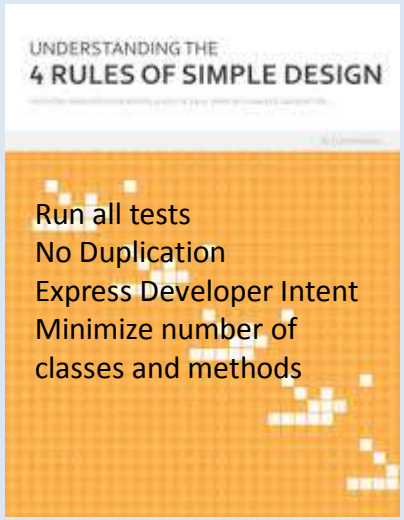
LEVELS OF CONFLICT

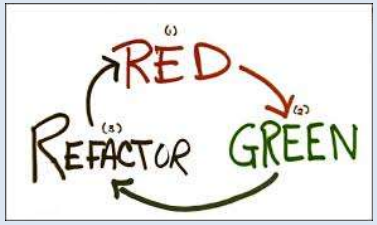


Speed Leas

Back Menu

Code





http://www.meetup.com/coderetreat/

Kent Beck

Robert C Martin

Technical Debt

Martin Fowler

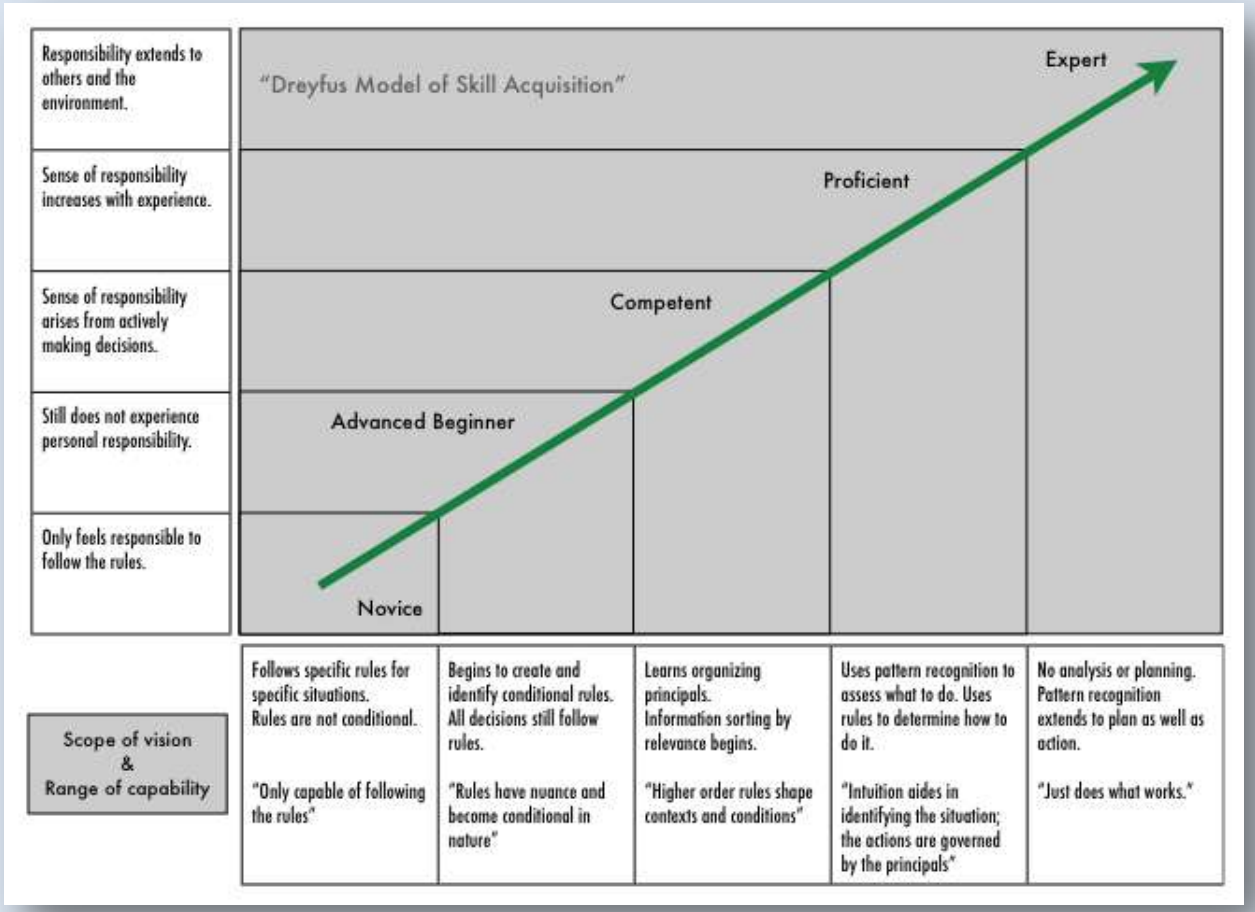
5 Types

Code
Architectural
Test
Knowledge
Technology

	Reckless	Prudent
Deliberate	*"We don't have time for design"*	*"We must ship now and deal with consequences"*
Inadvertent	*"What's Layering?"*	*"Now we know how we should have done it"*

Other

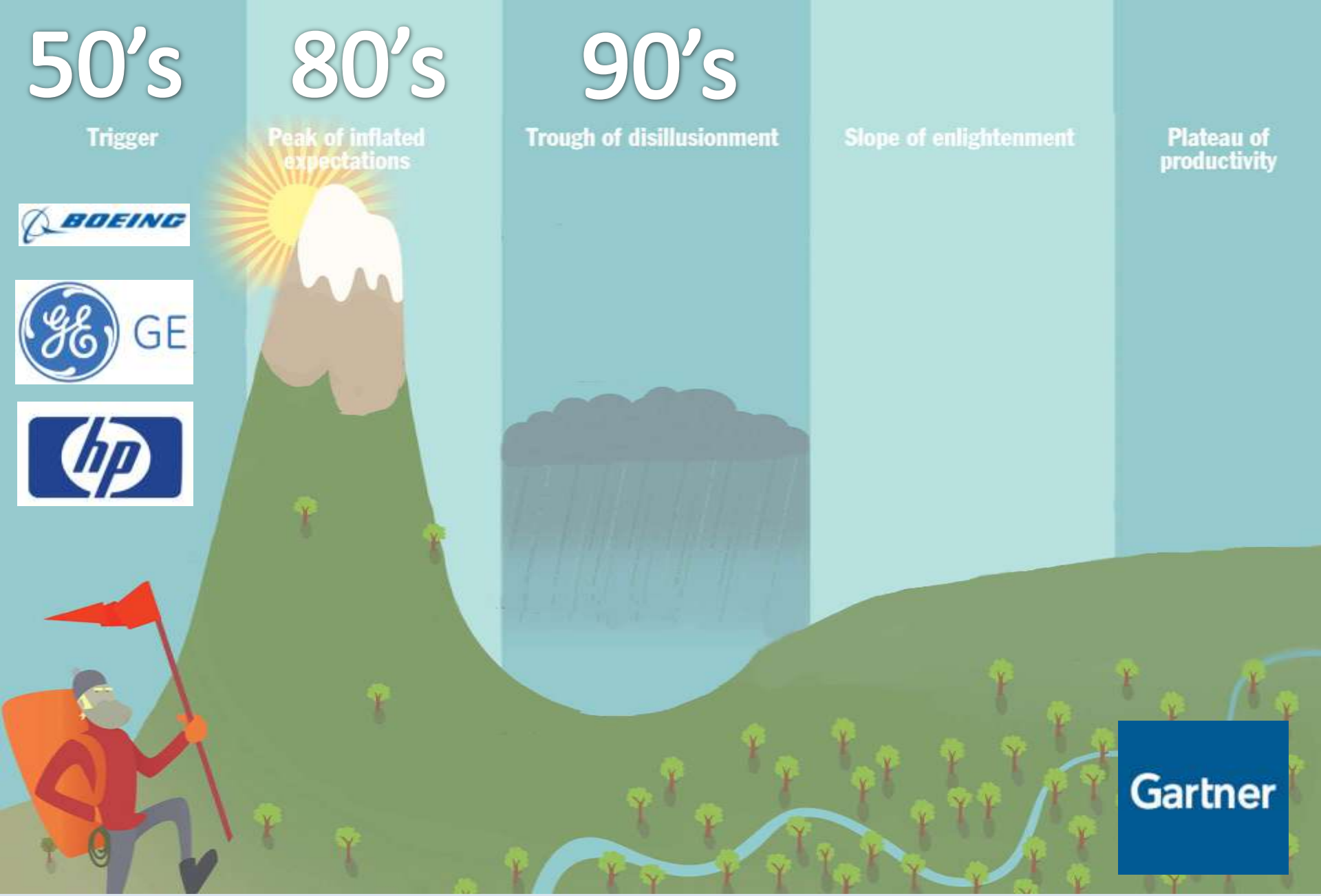
Dreyfus Model



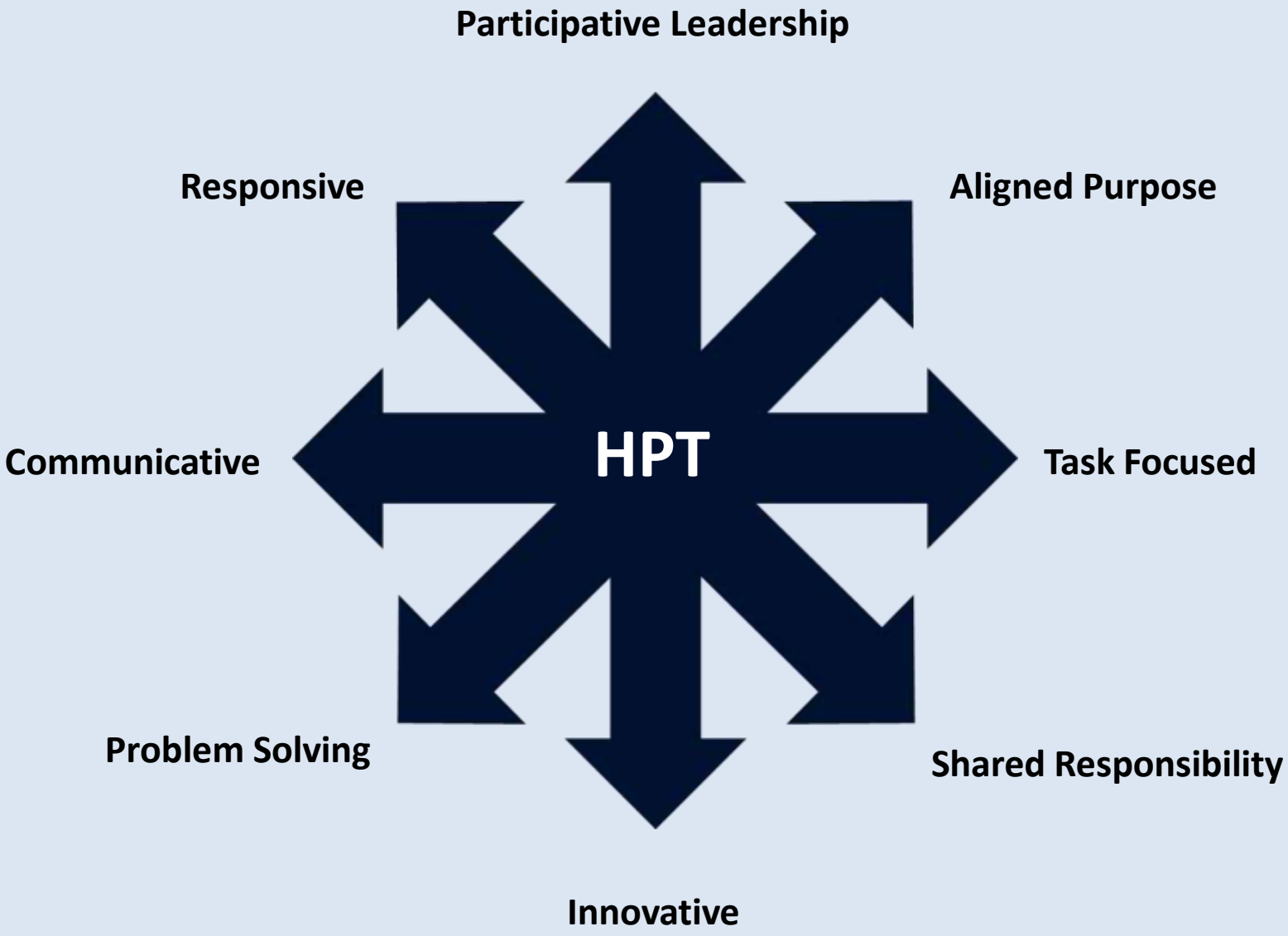
Hubert Dreyfus

Back

Menu


50’s
80’s
90’s
Trigger
Peak of inflated expectations
Trough of disillusionment
Slope of enlightenment
Plateau of productivity
BOEING
GE
hp
Gartner

Back


Participative Leadership
Responsive
Aligned Purpose
HPT
Communicative
Task Focused
Problem Solving
Shared Responsibility
Innovative

Back

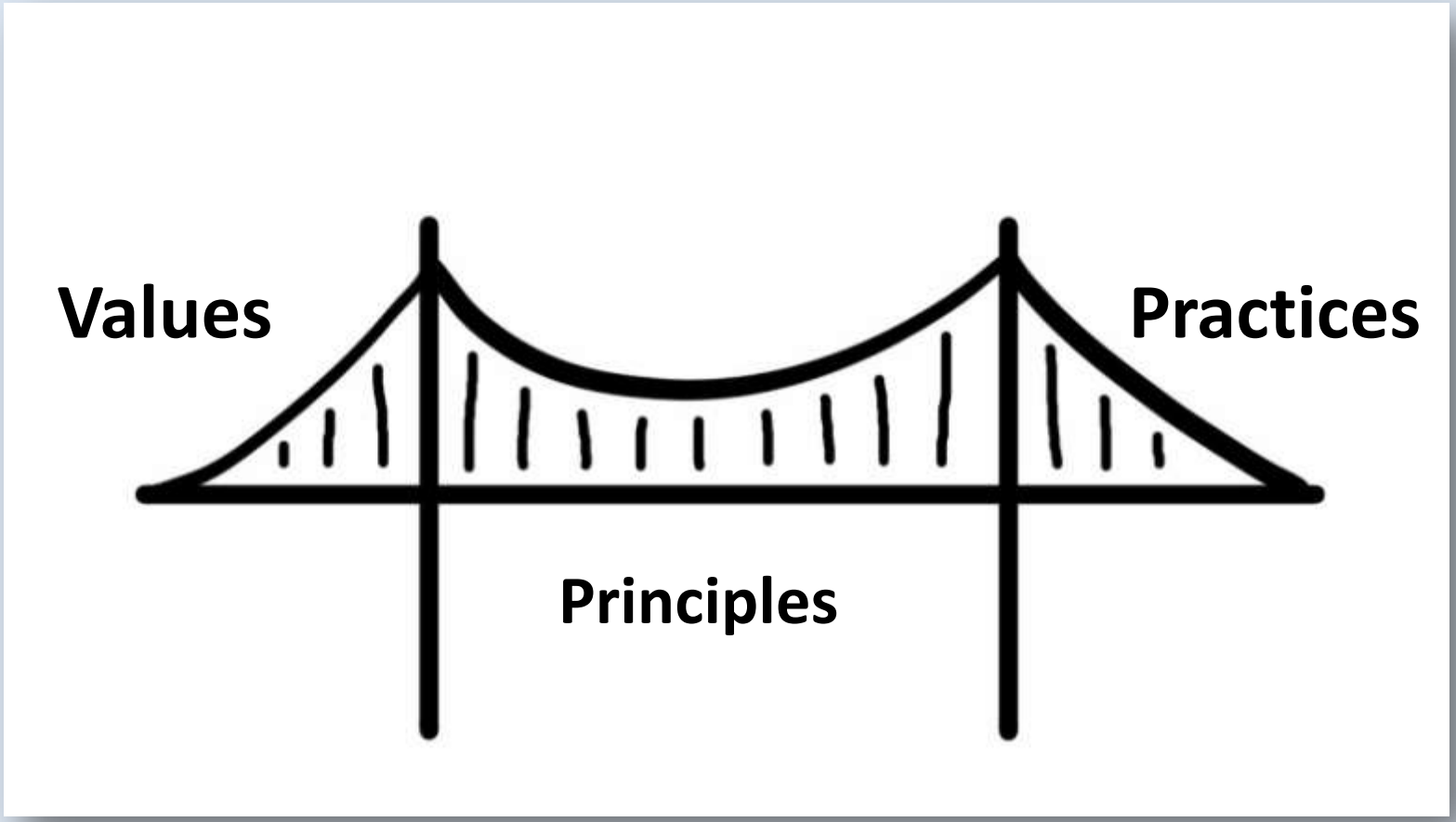
Principles Back

PRINCIPLES
• MUTUAL BENEFIT
• BABY STEPS
• DIVERSITY
• REFLECTION
• ECONOMICS

V vs P

Back

Values > Principles > Practices



Back

That's all Folks!
@MarkPearlCoZa

Respect | Feedback | Communication

Mutual Benefit

Feedback Simplicity Courage

Reflection

Back Menu

Respect Simplicity

Economics

Back Menu

Simplicity Feedback

Back Menu

Feedback | Courage | Communication

Back | Menu