

The Origins of Agile

Vera Peeters

Pascal Van Cauwenbergh



Against the Heavyweights

改善

Against the Heavyweights

Lightweight => Agile



Document what worked

改善

Document what worked

Not what « should work »



Remix old stuff

改善

Remix old stuff

With a few new twists

改善

Dynamic Languages

改善

Dynamic Languages

Smalltalk (Lisp...)



Dynamic Languages

Smalltalk (Lisp...)

Python, Ruby



Economics

改善

Economics

Like buying Options

改善

Economics

Like buying Options

Reduce Risk

改善

改
善



TODAY TOMORROW **TOYOTA**

Kaizen

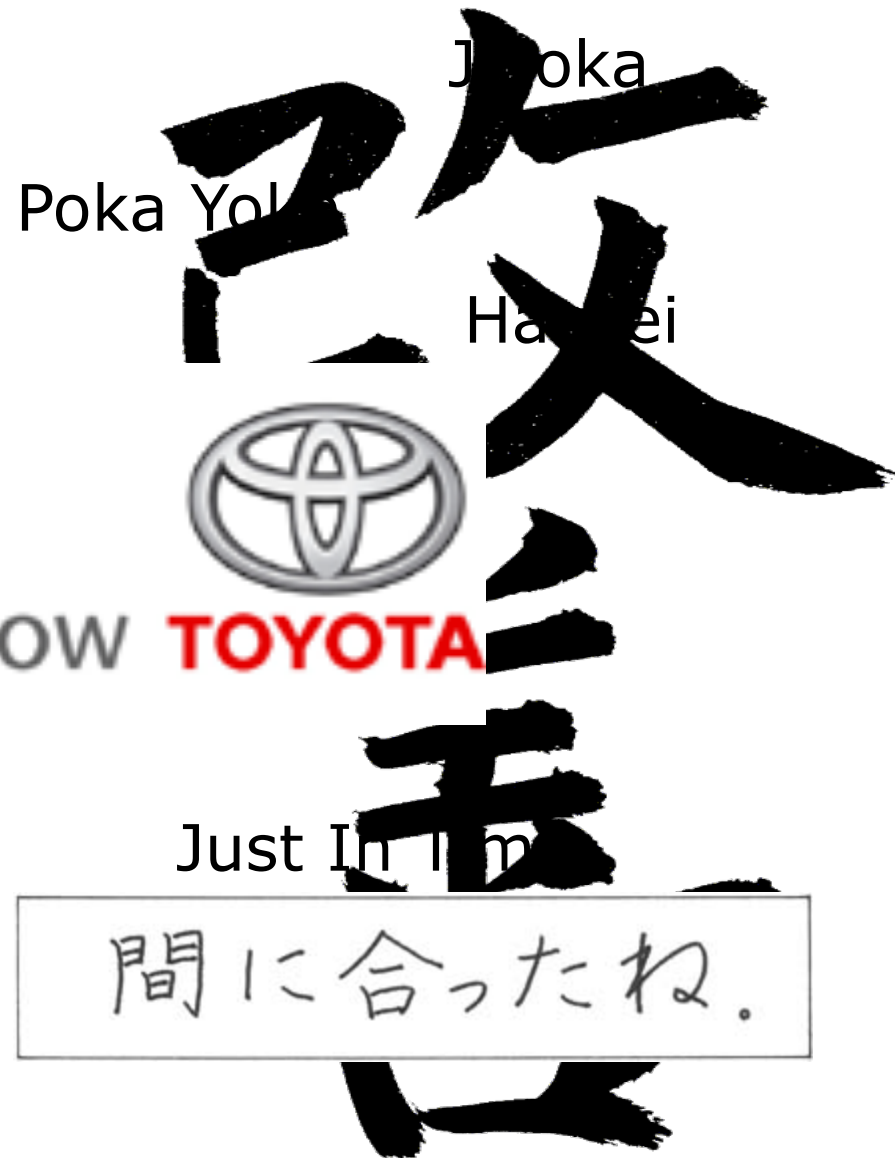
改善

Heijunka

Hourensou

Pull

Kanban



TODAY TOMORROW **TOYOTA**

LEAN





TODAY TOMORROW **TOYOTA**

People and Process

Systems Thinking

Visualize and reason about
complex systems



Revolt of the Programmers

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Revolt of the Programmers

The Empire always strikes back



Business Agility

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Business Agility

We can't wait for IT to catch up



Business Agility

We need IT and we want IT now

We can't wait for IT to catch up



Evolve

改善

Evolve

Or go extinct



改善

How?

改善

改善

改善

改善

改善

Kaizen

改善

Find your Worst Problem

改善

Find your Worst Problem

There always is one



Propose a solution

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Propose a solution

How will you know it works?



Try it for a while

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Try it for a while

Evaluate and keep it IF it works



Find your Worst Problem

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Find your Worst Problem

There always is one



Find your Worst Problem

There always is one

Look at the **WHOLE SYSTEM**



Agile is Simple

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Agile is Simple

Do. Observe. Steer. Do.

Regular feedback

Small corrections

Communication



Agile Works

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Agile Works

Plenty of examples
Lots of techniques and methods



<Your Methodology Here>

改善

<Your Methodology Here>

Adapted to your circumstance



BUT

Change is hard

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BUT

Change takes time

New Toyota Plant:

2-3 years to get up to speed

5-10 years to understand and live philosophy

改善

WARNING

Change efforts seldom succeed

N. Machiavelli

改
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BE CAREFUL

You're dealing with people

改
善

改善
<Your Question Here>