TestCon

17 October 2018

Speaker : Isabelle Robrechts

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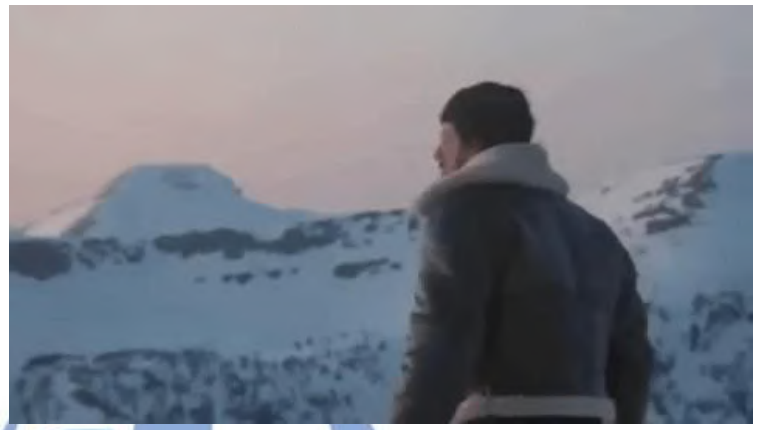
Frustration

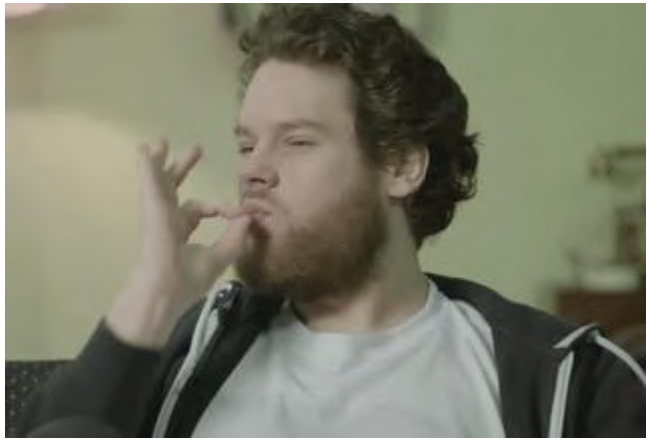
Greed

Annoyment



Dedication

Joy



Perfection

Agili-Fall-Nication

In the 'Testing' world

TestCon

17 October 2018

Speaker : Isabelle Robrechts

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Isabelle Robrechts

- Belgium

- Independent Test Consultant
- Active in professional testing since 1998

- ISTQB CTAL full advanced certified
- ISTQB Expert Level ‘Improving the test process’ trained
- IREB Certified
- Certified Scrum Master
- ISTQB Agile foundation certified

Agili-Fall-Nication?

Categories of project managers:

- The ignorent
- The Agile-purist
- The V-model-lovers
- The blenders

Frustrations

1. Wanting too much in one project
2. Every feature is critical
3. No transparancy, where are we in the project
4. Think that they know everything to finish the project
5. Time is wasted when problems arise

The more you know about the past, the better you are prepared for the future.

Theodore Roosevelt

1956

- ‘Stage-wised’ model
  (H.D.Benington, USA Air Defense)
- PDSA-cycle (W. Edwards Deming)

1956

- ‘Stage-wised’ model
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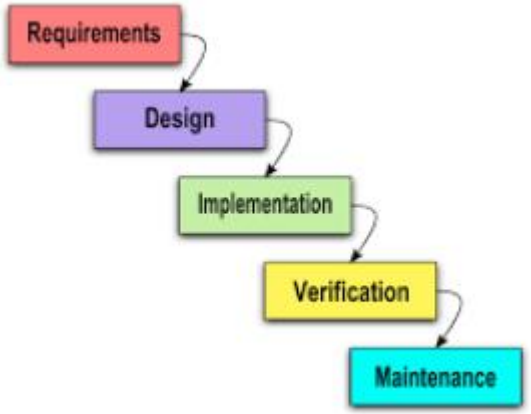
1970

- Waterfall model
  (Winston W. Royce)

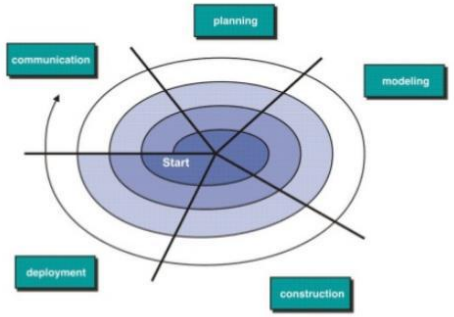


1956

- ‘Stage-wised’ model (H.D.Benington, USA Air Defense)
- PDSA-cycle (W. Edwards Deming)

1976

- Evolutionary model (Tom Gilb)



1986

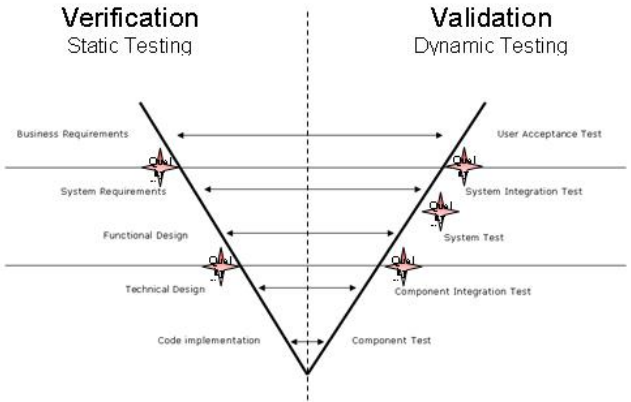
- Spiral Model (Barry Boehm)

1970

- Waterfall model (Winston W. Royce)

1980

- V-model (Paul Rook)



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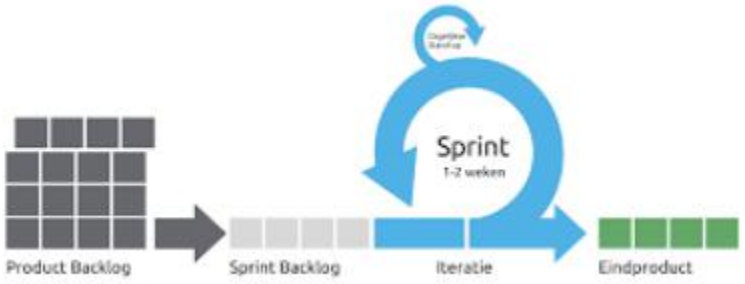
1995

- Scrum Software Development Process



- 2001 – The Agile Manifesto

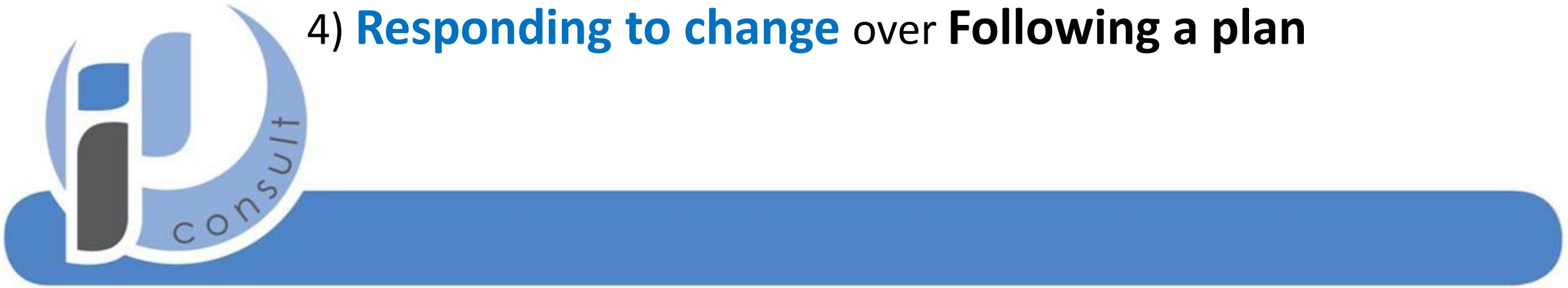
We are uncovering better ways of developing software by doing it and helping others do it.
Through this work we have come to value:

1) **Individuals & Interactions** over **Processes and Tools**

2) **Working software** over **Comprehensive Documentation**

3) **Customer Collaboration** over **Contract Negotiation**

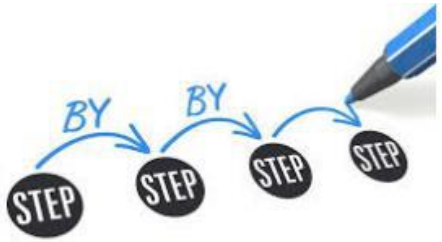
4) **Responding to change** over **Following a plan**



Individuals & Interactions

over

Processes and tools



Working software

over

Comprehensive Documentation

Customer Collaboration

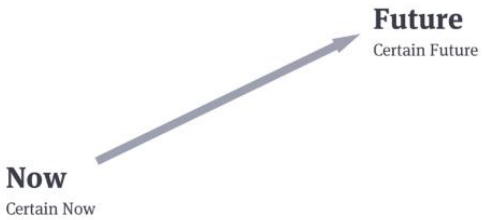
over

Contract Negotiation

Responding to change

over

Following a plan



That is, while there is value in the items on the right, we value the items on the left more.

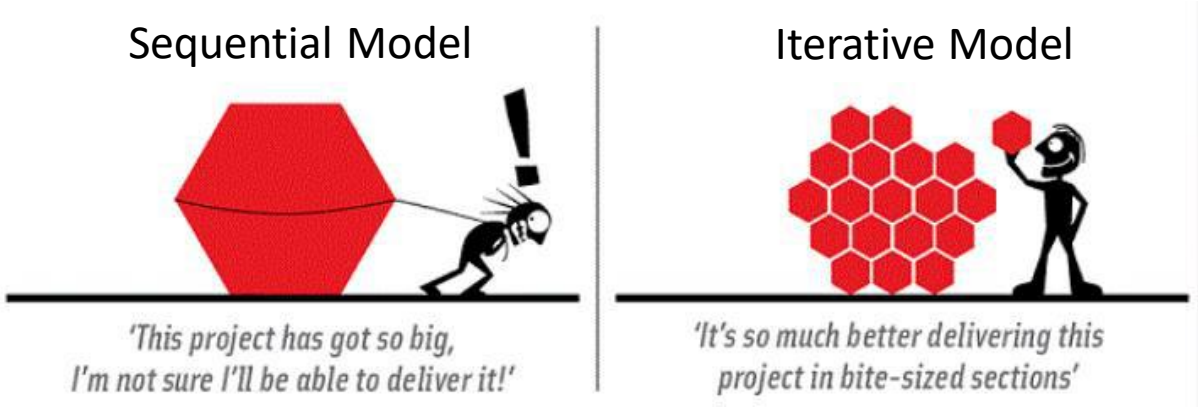
Sequential Model

- Architect has the lead
- Static Requirements
- Very good preparation
- Specialised teams

Iterative Model

- Product Development invents, but doesn't have the lead
- Dynamic Requirements
- Flexible plan
- Self-organizing teams

What about our frustrations ?

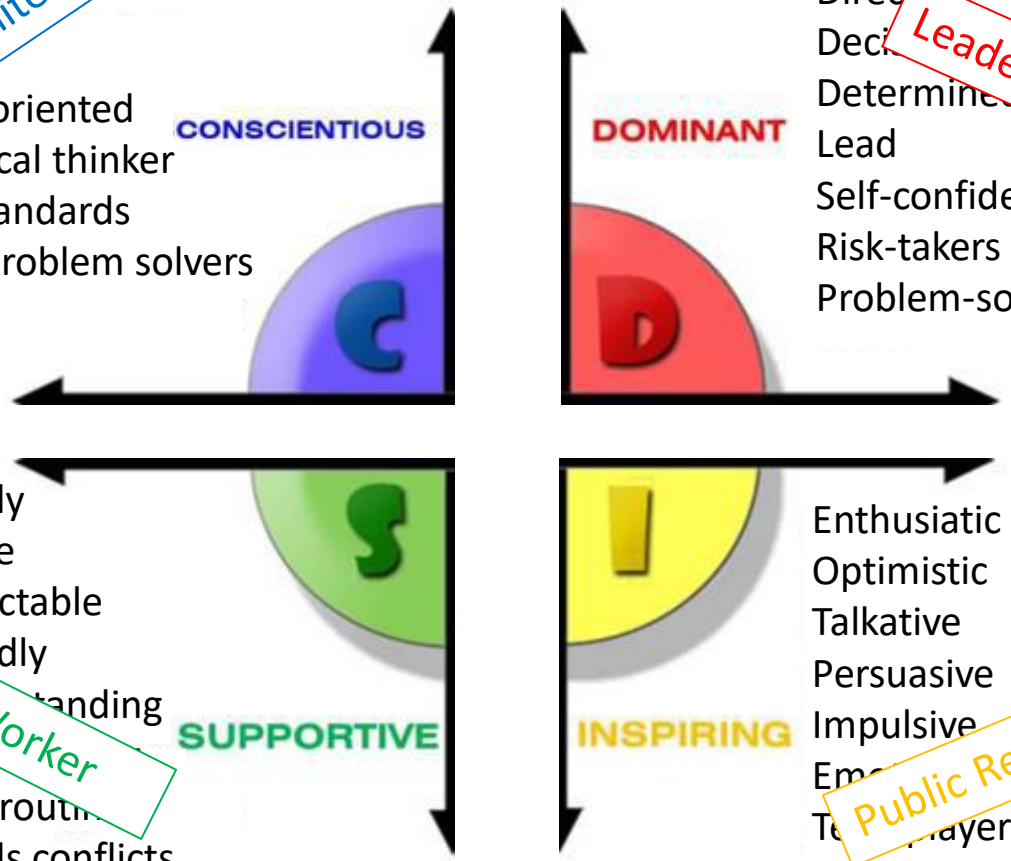


Huge scope in one project	⟺	Time-boxed sprints with well defined items and velocity
A lot of effort is put in analysing all features and a huge pile of test cases are written to mitigate he risks. Planning under pressure.	⟺	Priority order of features, incremental phases
Large complicated reports.	⟺	Smaller bits are easier to follow-up.
Assumptions are done in order to speed up the phase in the project.	⟺	Stakeholders are more involved or even teammembers
Problems mostly get visible in the 2nd phase of the project (the test-wing)	⟺	Daily Standups, retrospectives after every sprint, self organizing teams → faster appearance of problems

Agili-Fall-Nication !

- Choice of methodology should be depending on:
  - Type of business
  - Type of project
  - Legal obligations e.g. standards which should be met
  - Management
  - Resources

Key to success !



Need clear-cut boundaries
Big pictures is lost due to detail

Criticism

Acc…
…tail-oriented
Analytical thinker
High standards
Good problem solvers

Engineer – Accountant - Architect

Direct
Deci…
Determine…
Lead
Self-confident
Risk-takers
Problem-solvers

Leadership & Management Positions

Not listening to others
Dislike repetition & routine
Ignore details

…ntage of by others

Can't s… …ties
Not able to …

Steady
Stable
Predictable
…iendly
…tanding
Goo…
Love routi…
Avoids conflicts

Nurse – Teacher – Social Worker

Loss of security through change

Enthusiatic
Optimistic
Talkative
Persuasive
Impulsive
Em…
T… …layer

Not good with detail
Tend to l… …entration
N… …steners
…e concerned about popularity than results

Public Relations – Coach - Entertainer

Rejection by others

Persuading
Communicating
Building relationships
Maintaining harmony
Following a process
Analyzing
Designing solutions
Taking action
Decisive
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Interaction
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Stability
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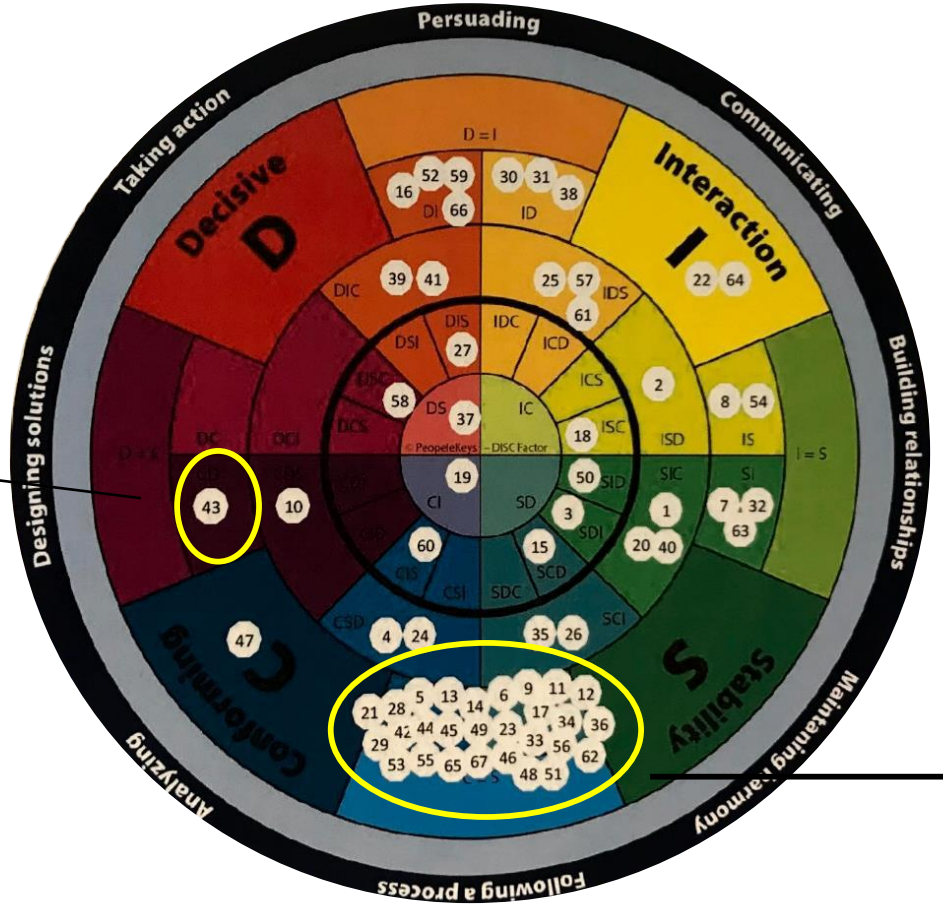
SDC
SCI

me



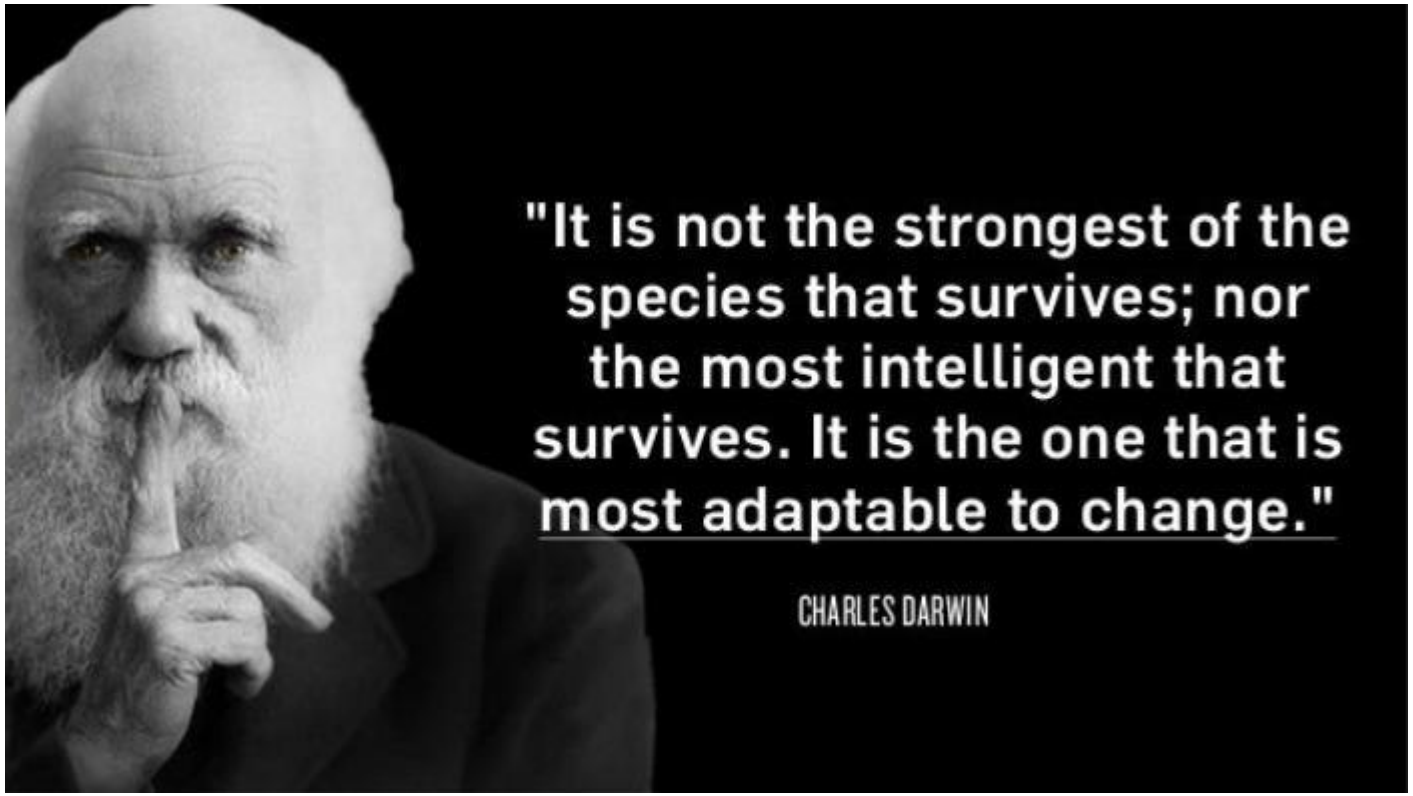
UAT - Testers

Free DISC-profile test :
https://www.123test.com/disc-personality-test/

Conclusion.

- Methodology
  → have a good knowledge of the different models
  → audit your organisation
  → audit the business need
  → get support

- Team
  → learn to understand your team
  → learn to understand yourself
  → learn to work with them


"It is not the strongest of the species that survives; nor the most intelligent that survives. It is the one that is most adaptable to change."
CHARLES DARWIN

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Isabelle Robrechts

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