Kanban

always run a changing system

wolfgang.wiedenroth@it-agile.de
@wwiedenroth

it-agile

Wozu die Antennen?

absurd langer Hals

lustiges Muster

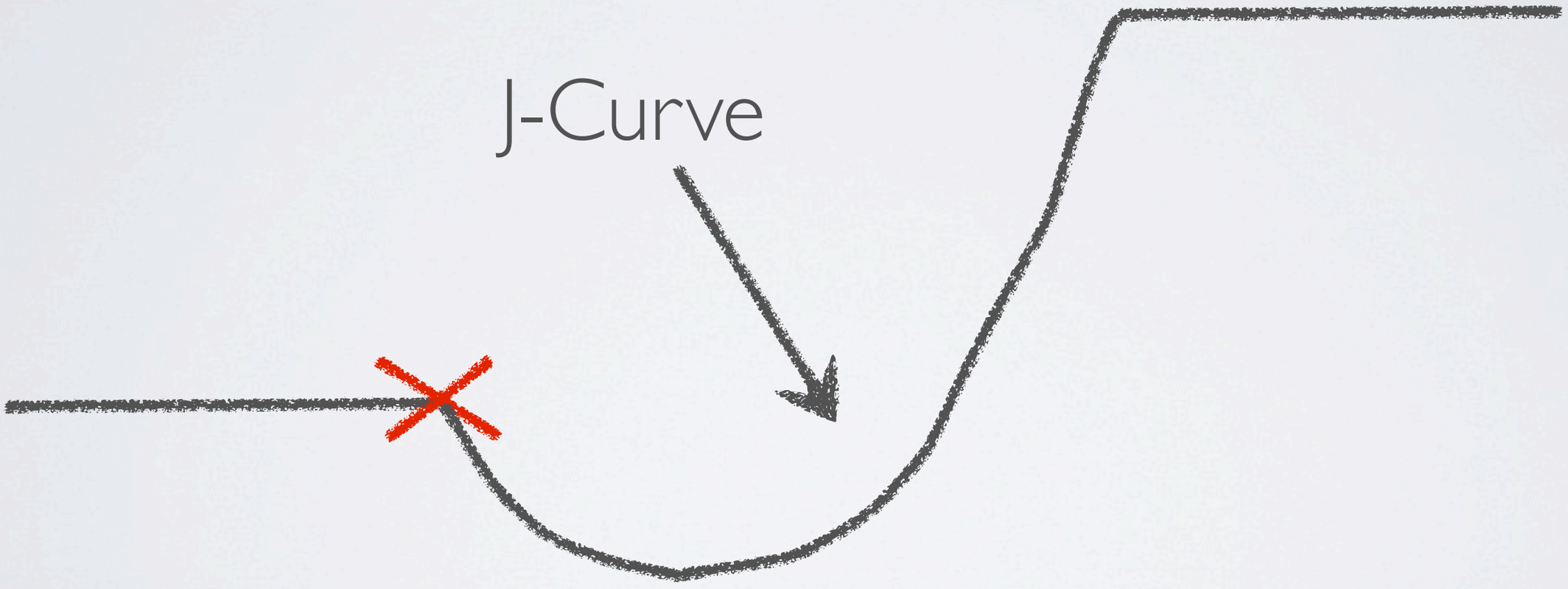
Kanban

=

evolutionäres Change Management

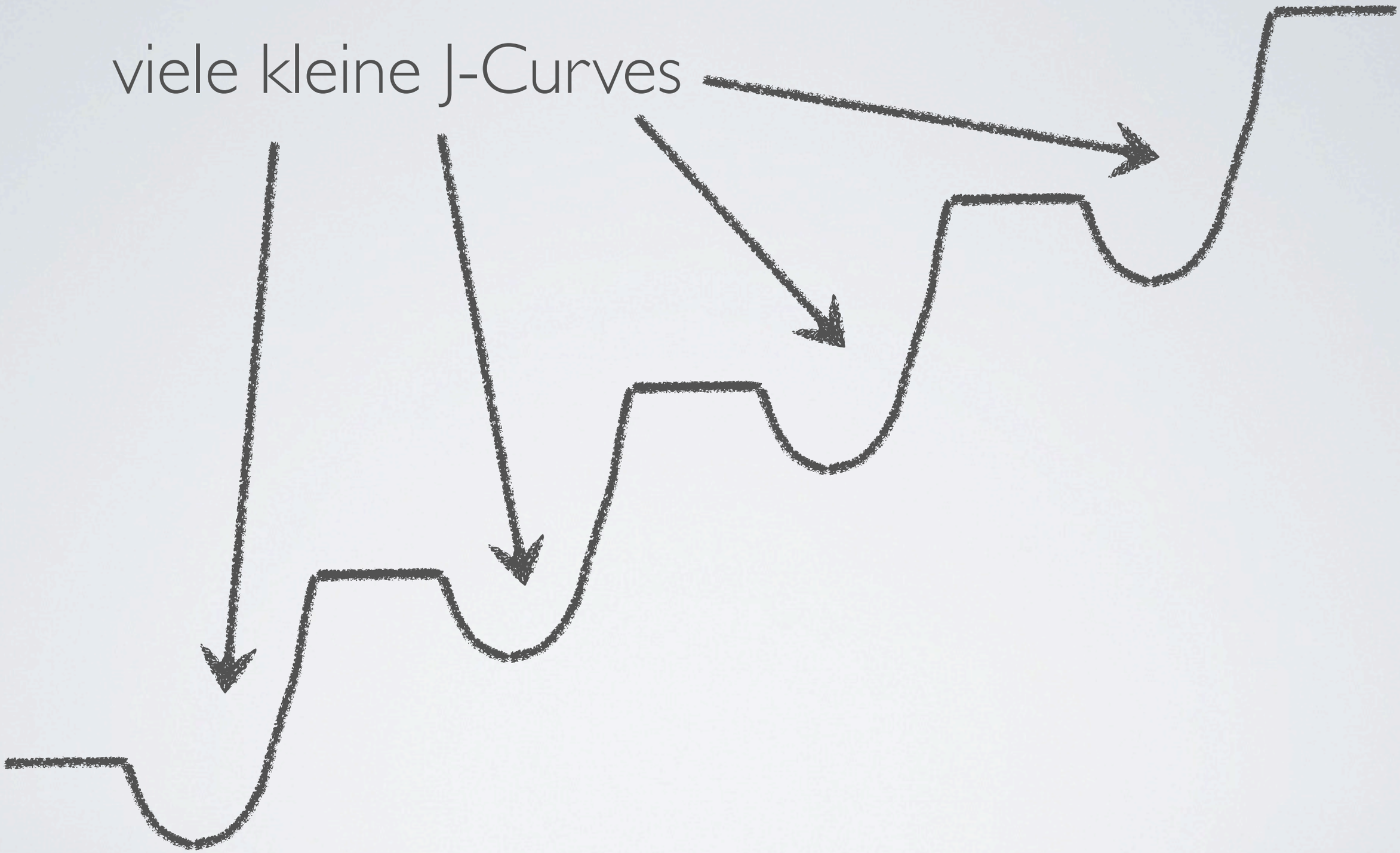
Wie funktioniert Change?

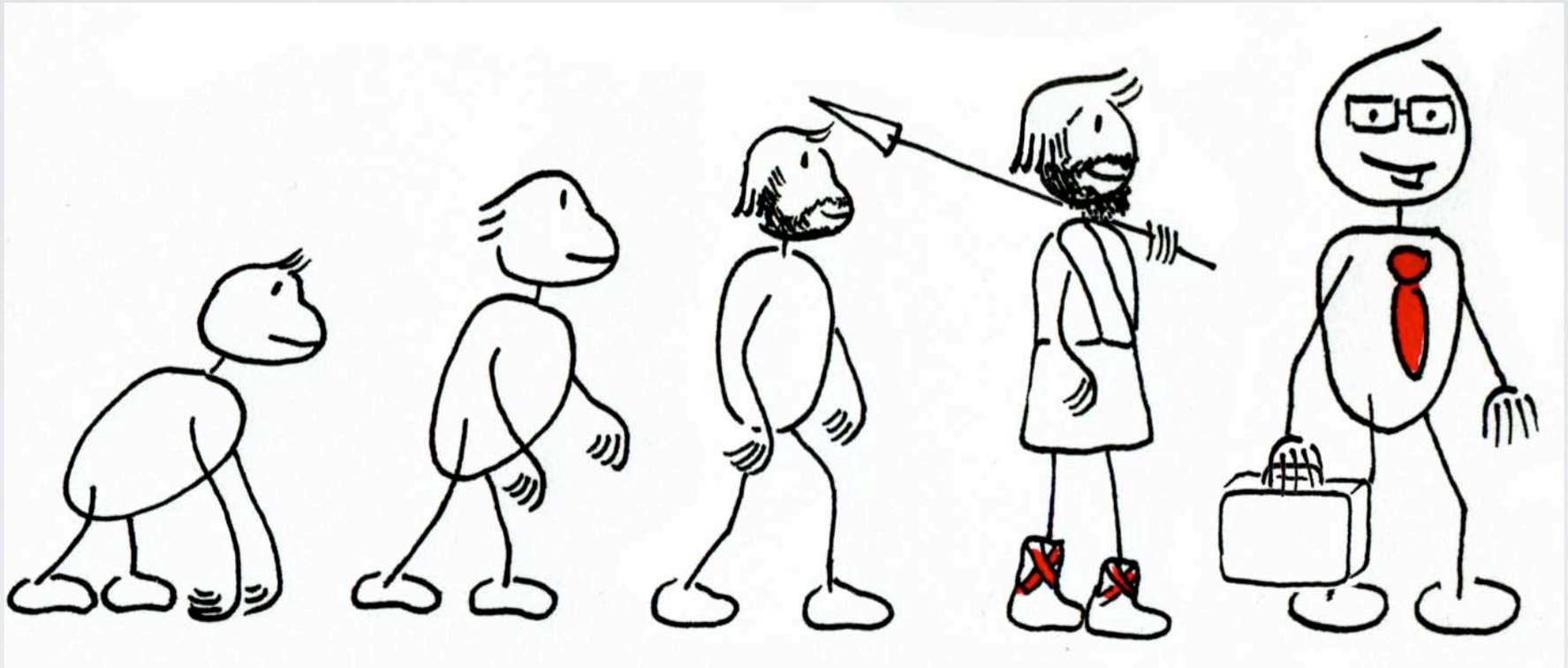
Sondern so!



Revolution

viele kleine J-Curves





Evolution

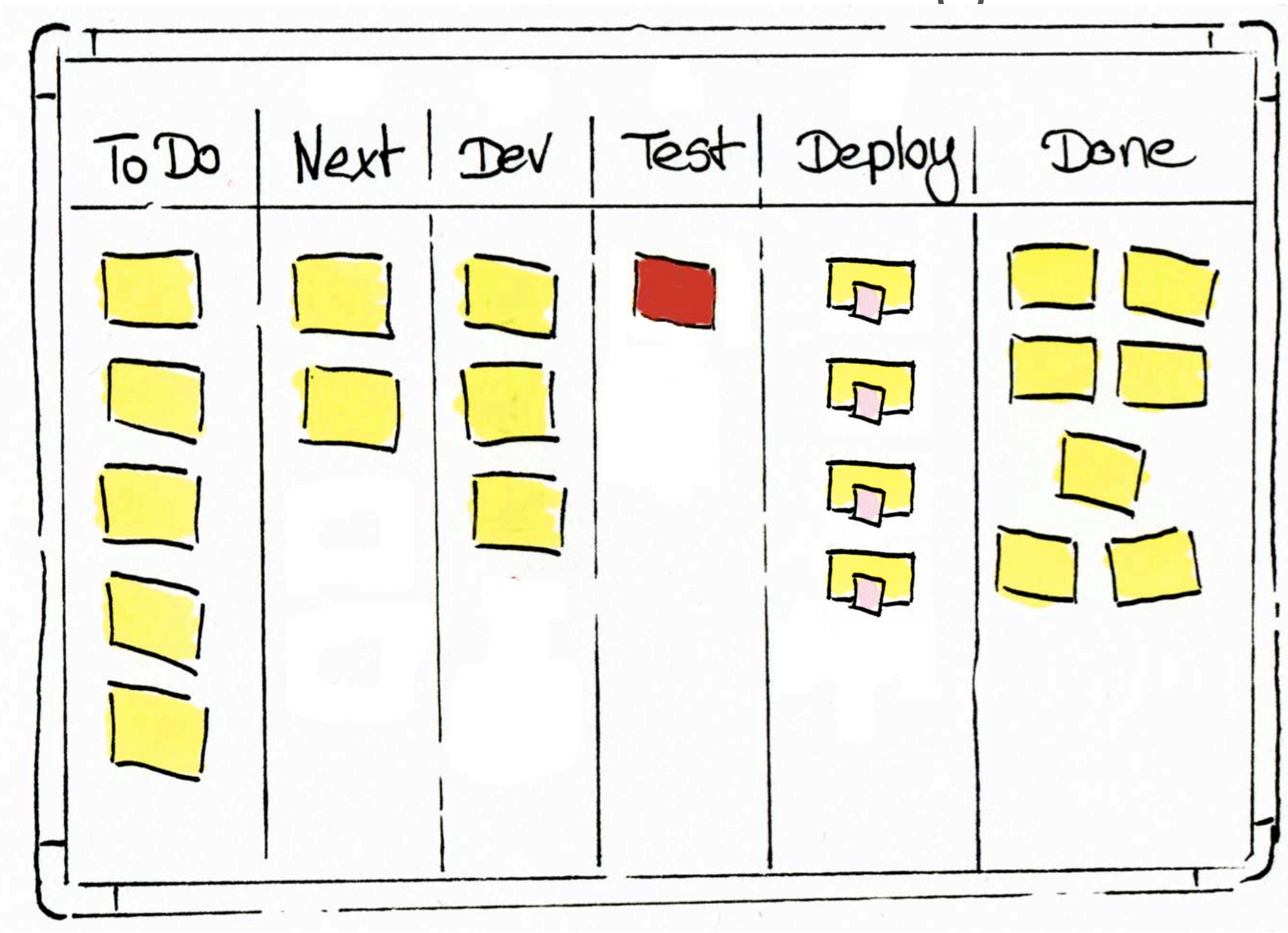
Kanban Prinzipien

- Beginne dort wo Du dich momentan befindest
- Einige Dich mit Anderen auf evolutionären Veränderung
- Respektiere initial Prozesse, Rollen, Job-Titel, Verantwortlichkeiten
- Sorge für Leadership

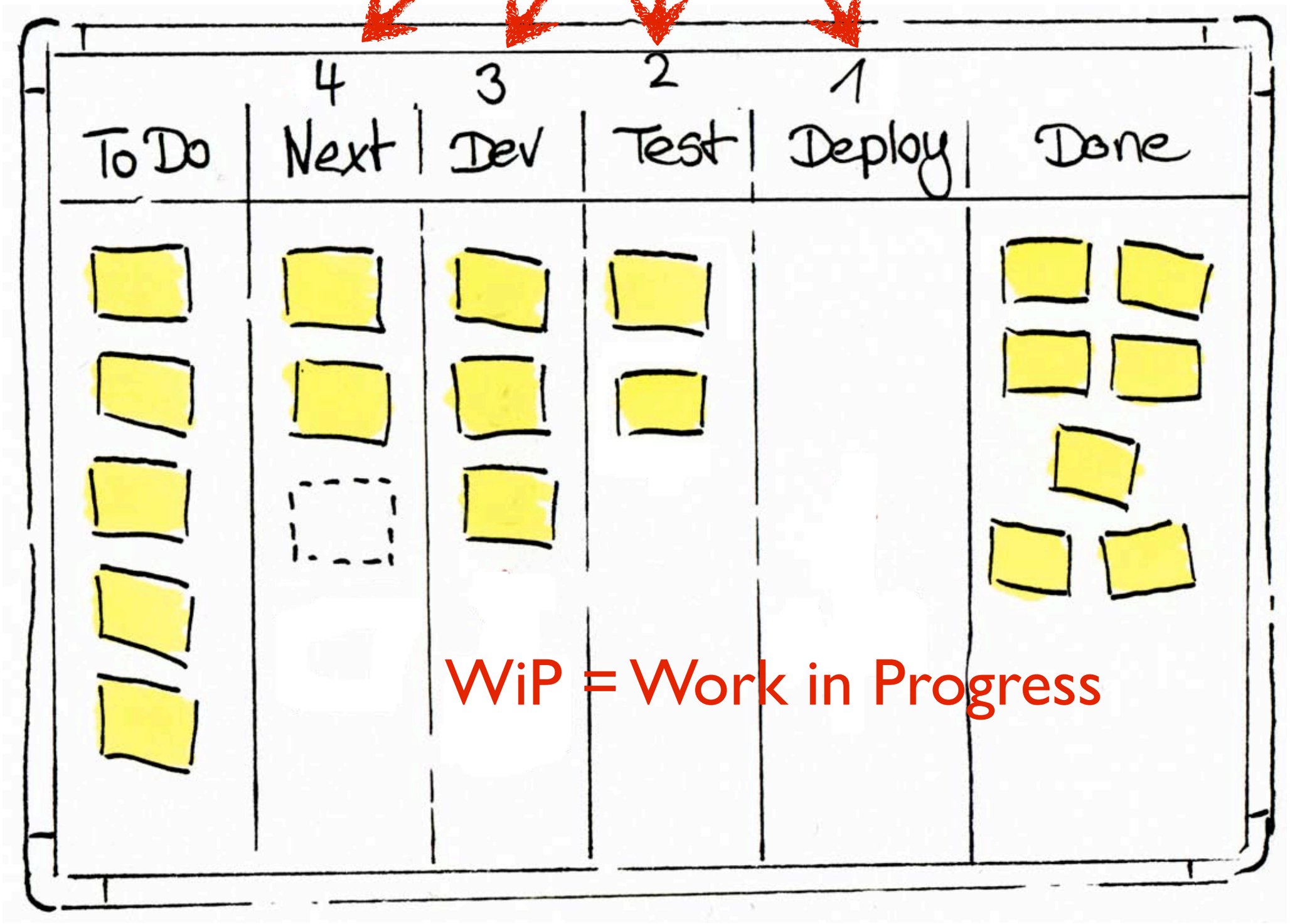
Kanban Praktiken

1. Visualisiere
2. Limitiere WiP
3. Messe und Manage den Flow
4. Mache Policies explizit
5. Implementiere Feedbackloops
6. Verwende Modelle

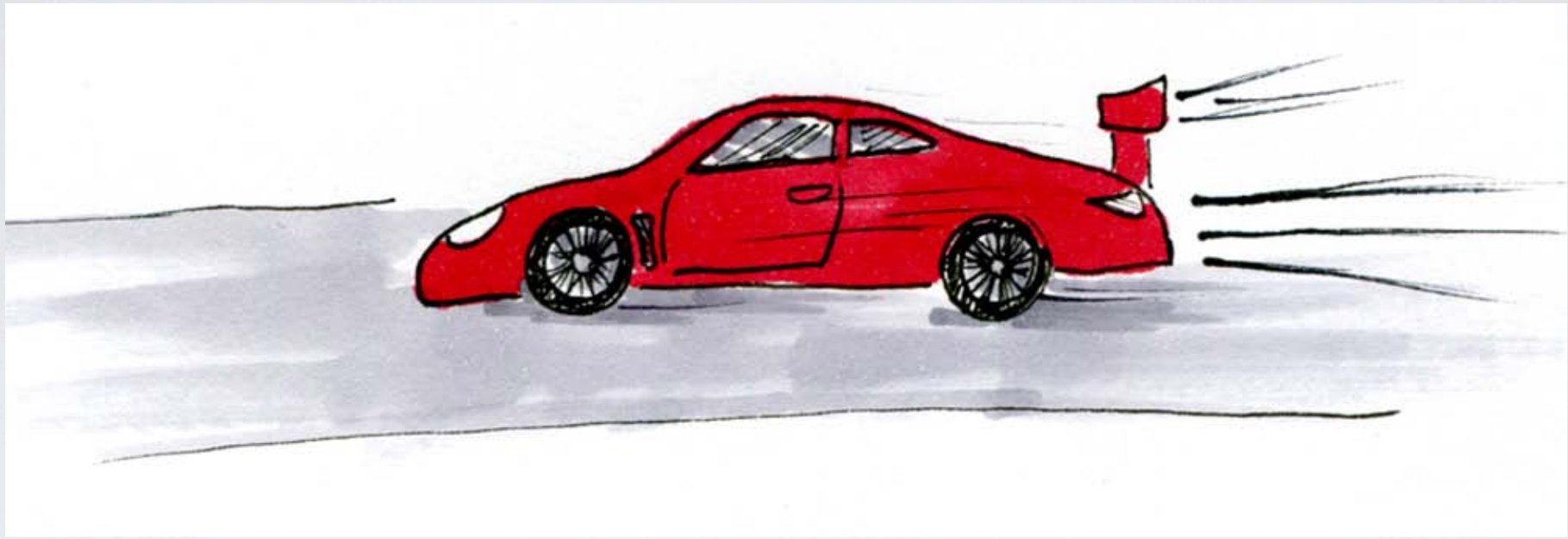
1. Visualisierung



2. WiP Limits



Multitasking reduzieren



Geschwindigkeit

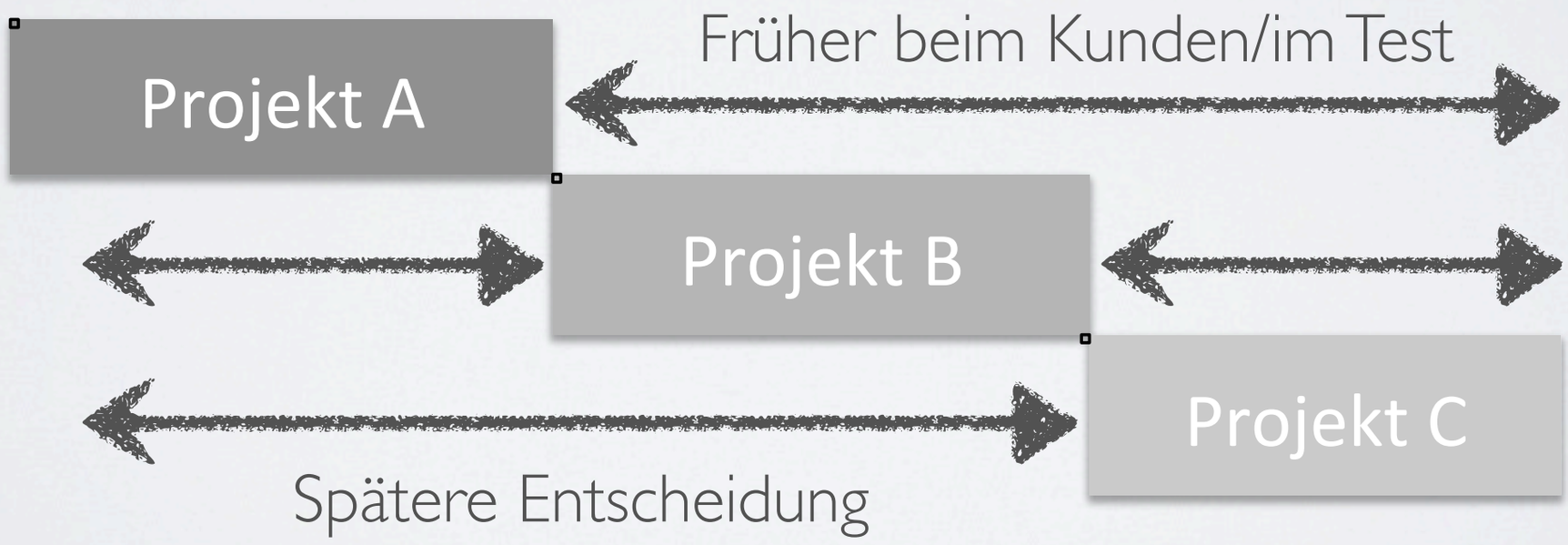
$$\varnothing\text{Durchlaufzeit} = \frac{\varnothing\text{WiP}}{\varnothing\text{Durchsatz}}$$

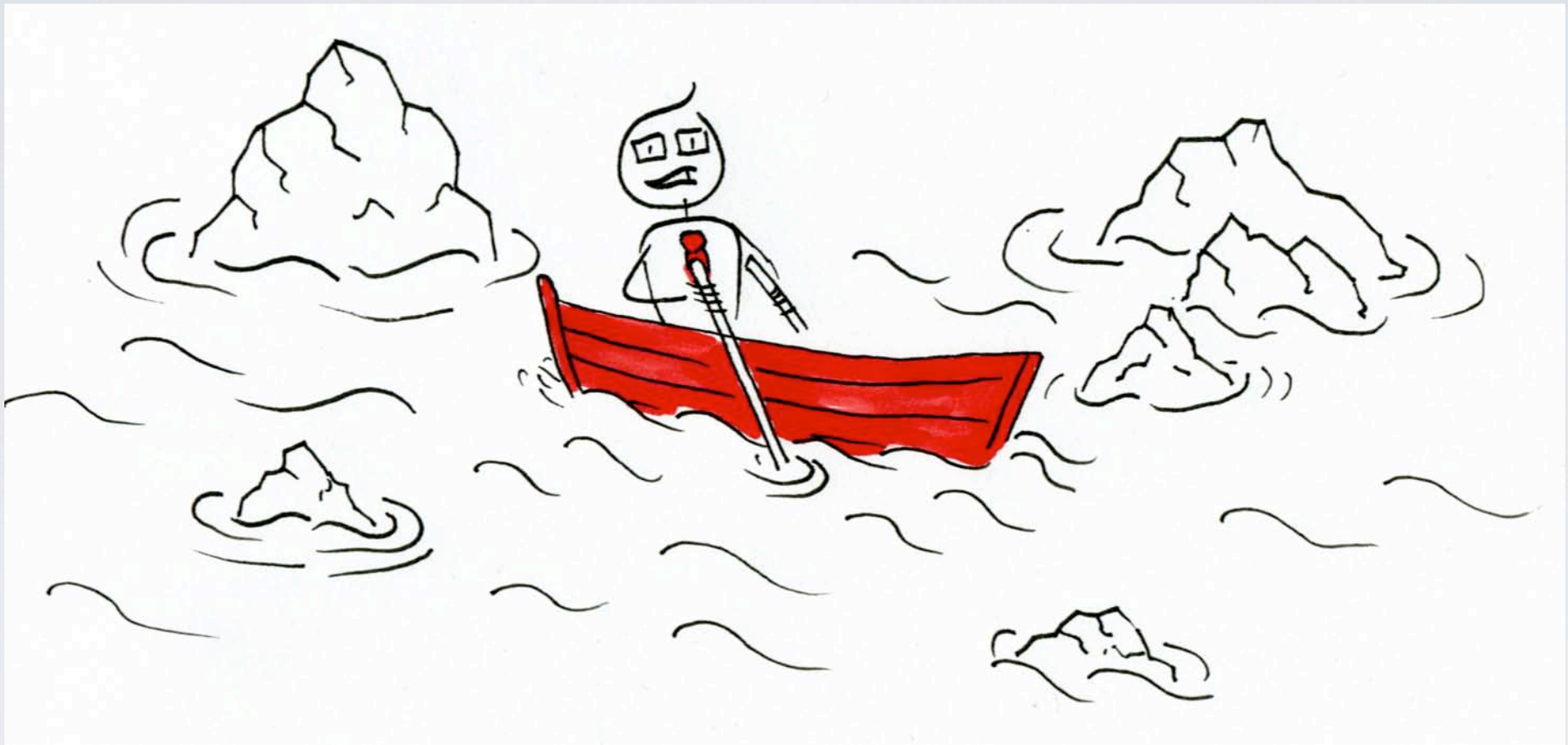
Little's Law

Projekt A

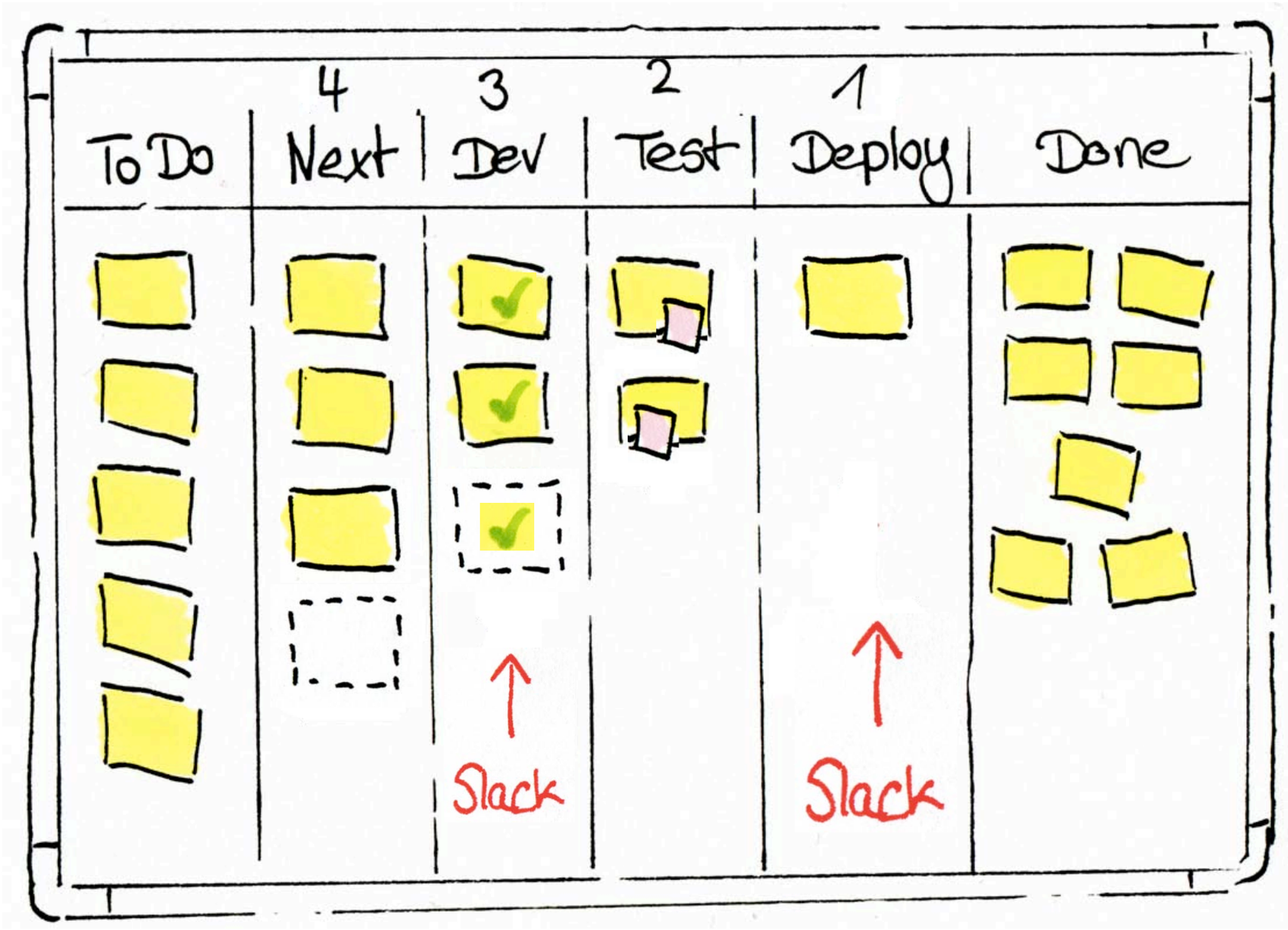
Projekt B

Projekt C

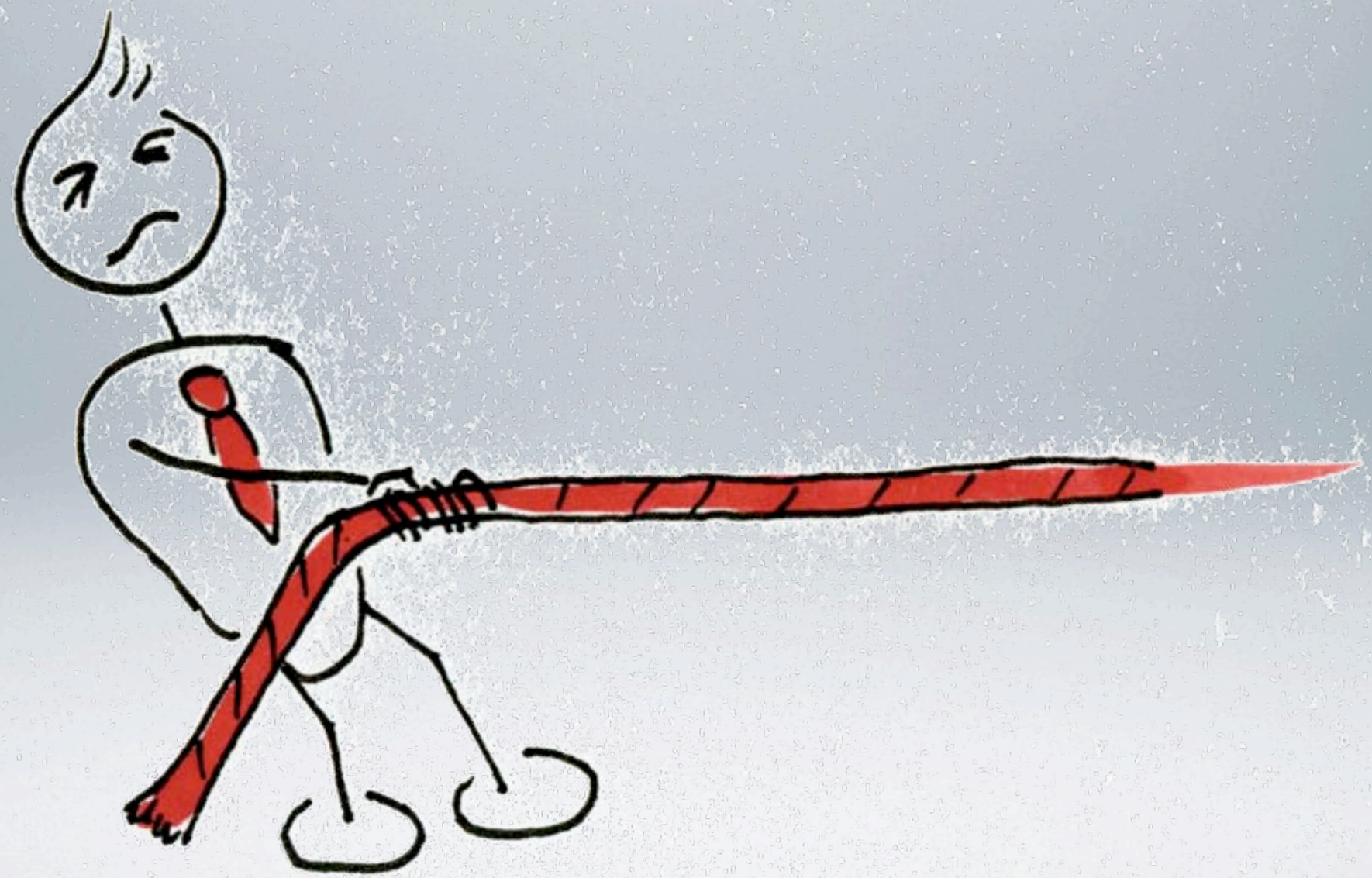




Pegel senken

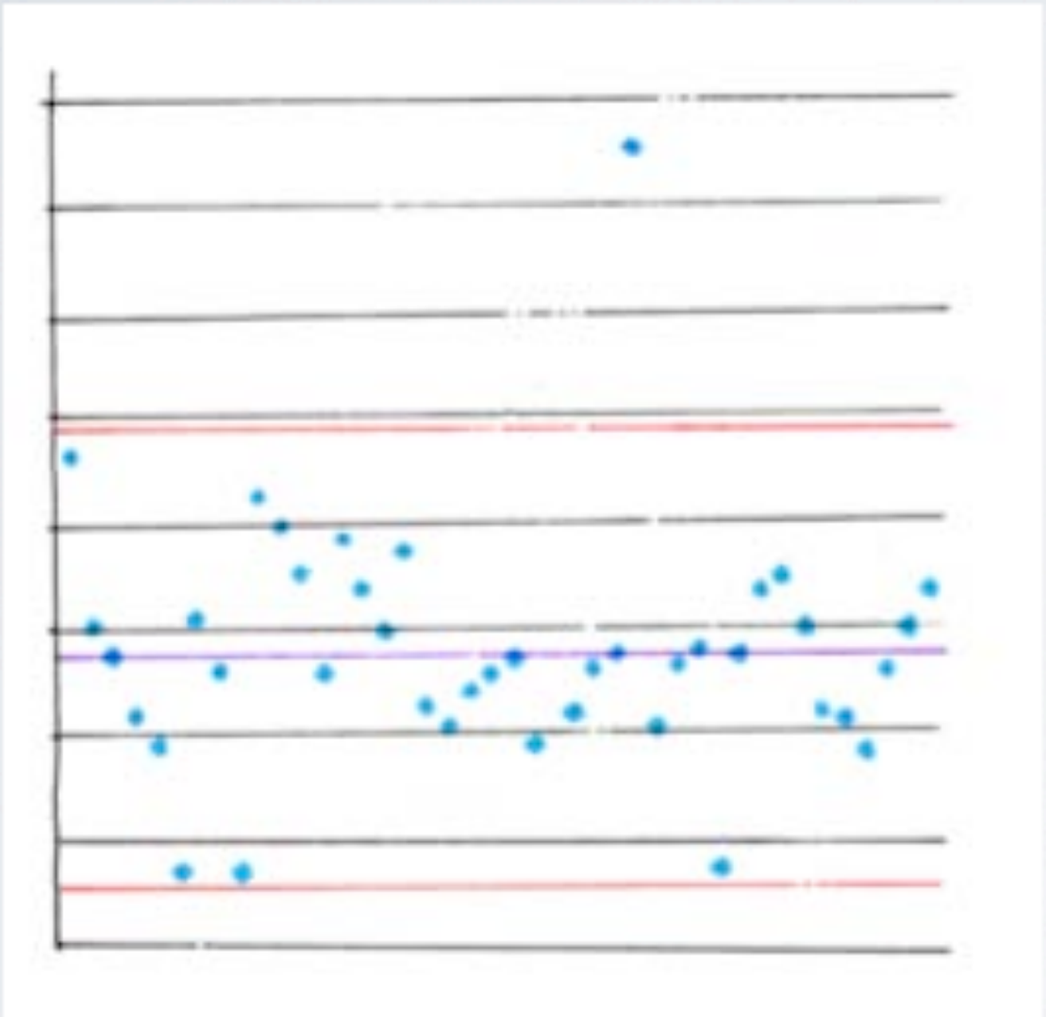

4
3
2
1
To Do
Next
Dev
Test
Deploy
Done
Slack
Slack

Pull

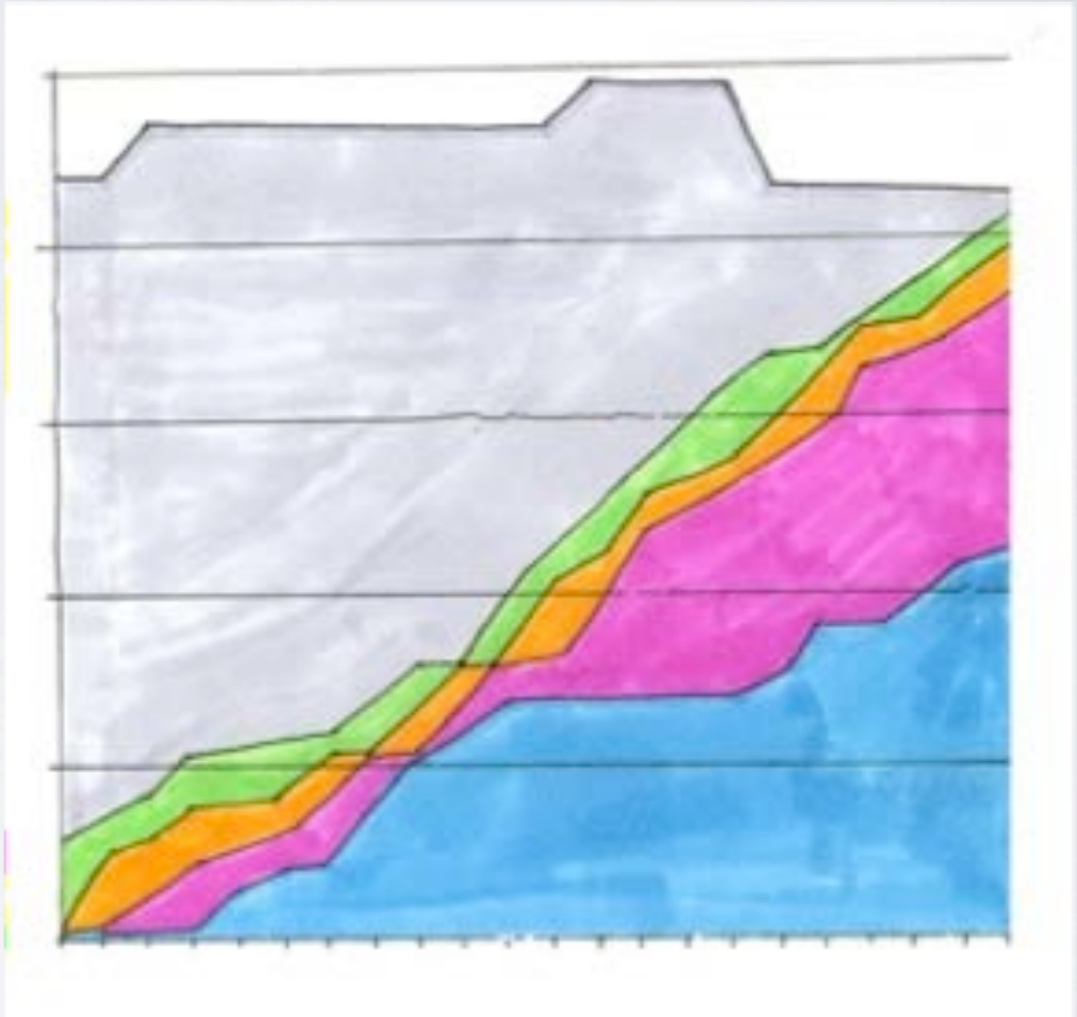


selbsregulierendes System

3. Messe und Manage den Flow

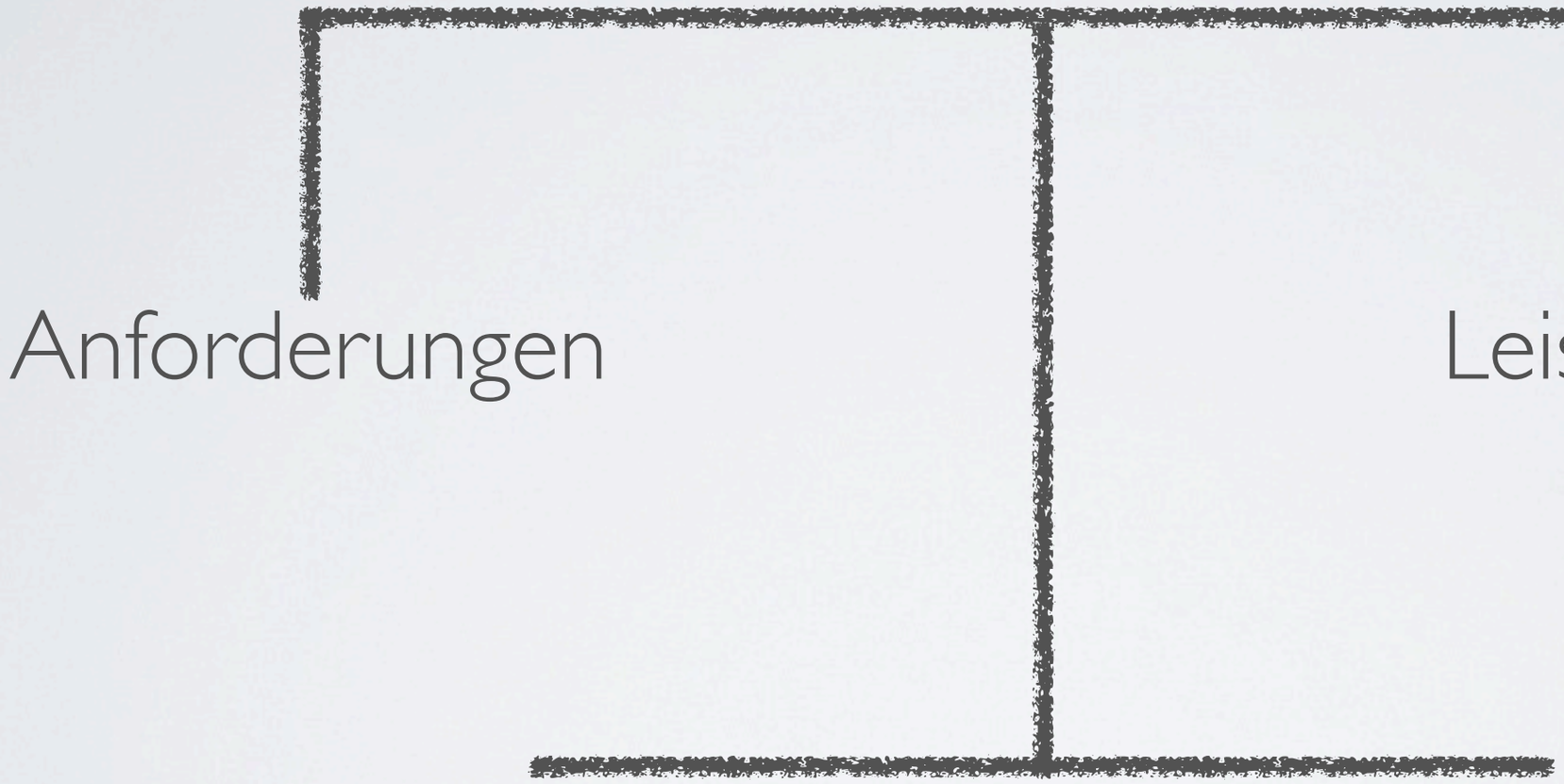


Control Chart



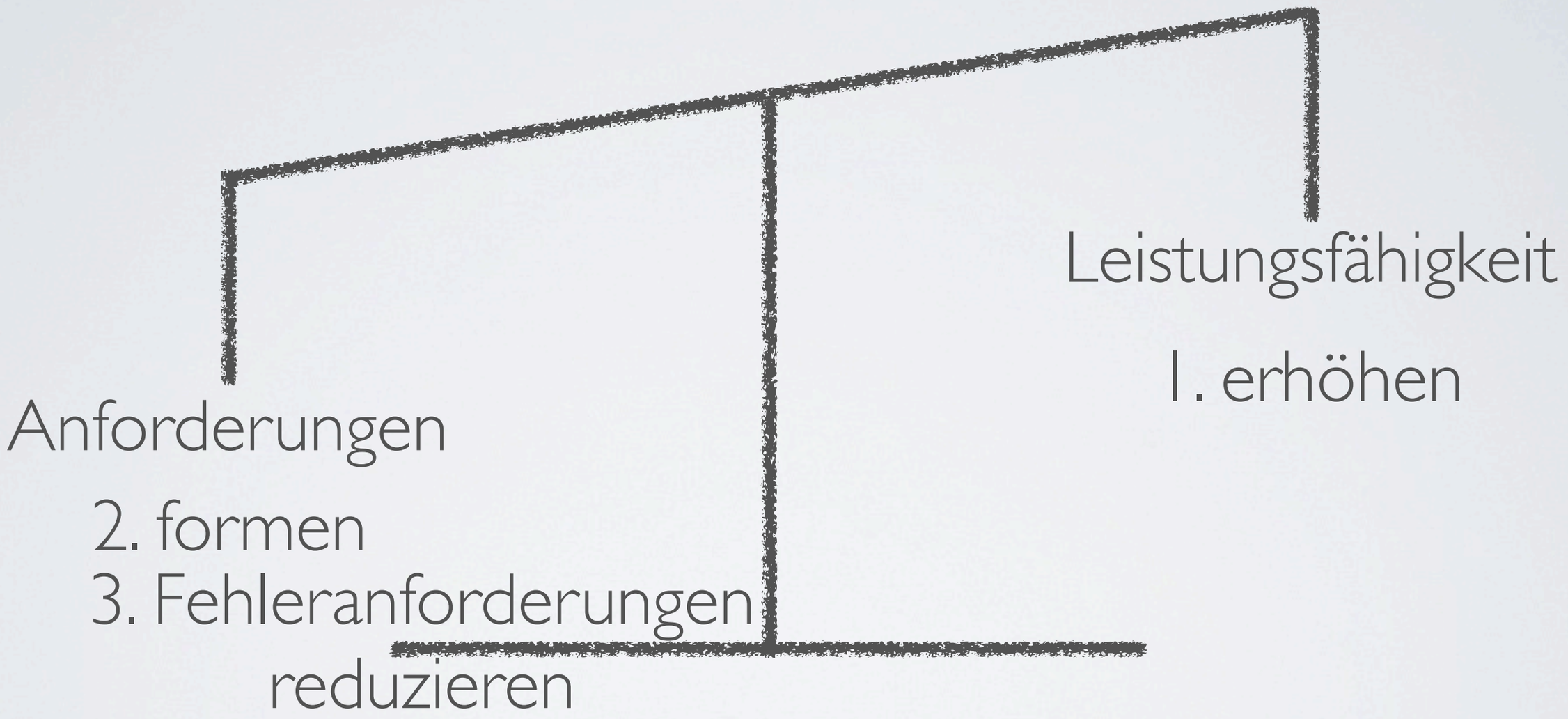
Cumulative Flow Diagram (CFD)

Was ist Flow?



Flow =
Die Balance zwischen Anforderungen und Leistungsfähigkeit

Realität


Leistungsfähigkeit
1. erhöhen
Anforderungen
2. formen
3. Fehleranforderungen
reduzieren

4. Policies

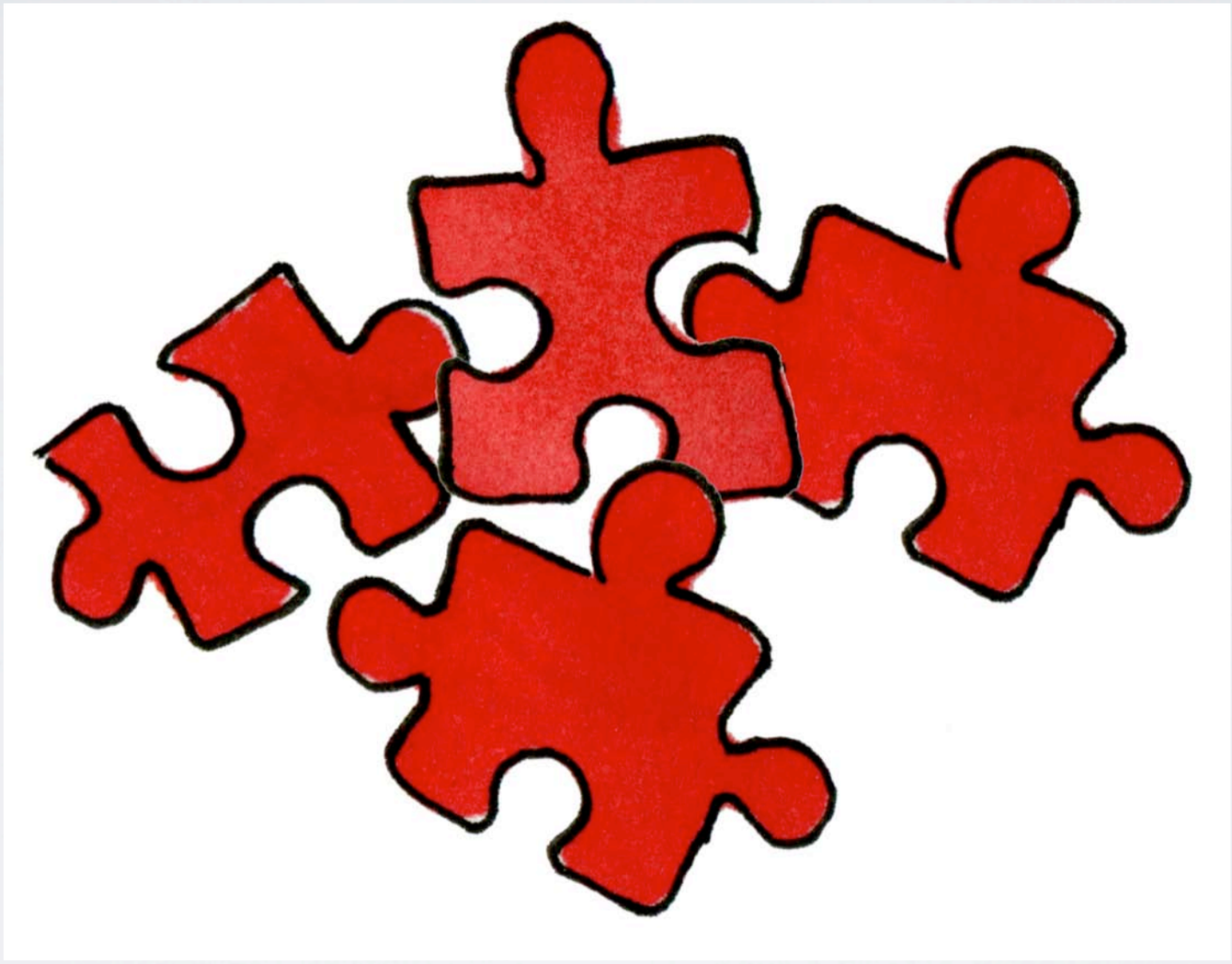
STOP starting START finishing!
We don´t start working on new tasks before we
To Do
Analysis
3
Dev.
5
Test
2
Done

- Standup Zeiten?
- Wer testet wann?
- Was passiert bei Slack?
- Definition of Done/Ready
- Sprints? Länge?
- Wie gehen wir Bugs um?

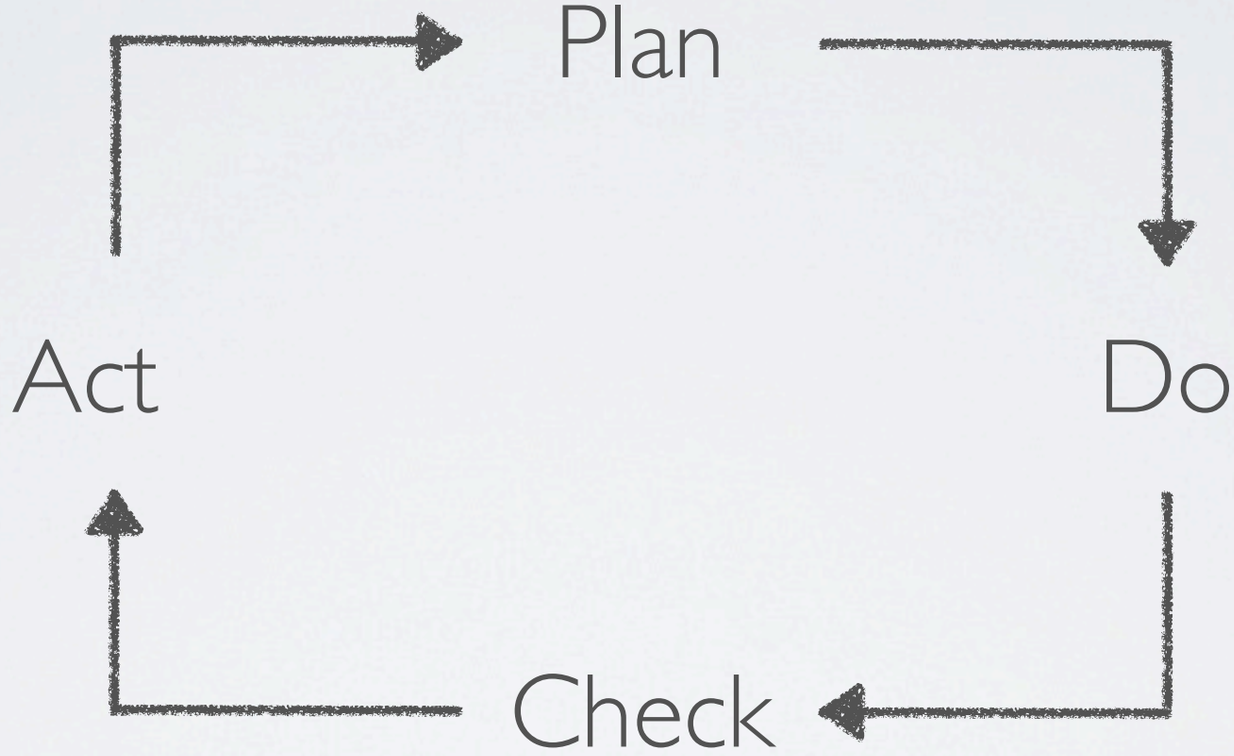
5. Feedbackzyklen installieren

- Standup
- Review
- Retrospektiven
- Operation Review

6. Modelle



Der PDCA-Zyklus



Literaturempfehlungen

- **Kanban** von David Anderson
- **Agile Projekt mit Scrum, XP** und Kanban von Henning Wolf
- **Kanban in der IT** von Klaus Leopold und Sigfried Kaltenecker
- **The Goal** von Dr. Eliyahu M. Goldratt

Kostenloser Cartoon:
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Wolfgang Wiedenroth
wolfgang.wiedenroth@it-agile.de
@wwiedenroth