

$$\text{Product}_{\text{SW}} = \int_{\text{Sprint}_1}^{\text{Sprint}_n} \text{TW} (\text{TDD}^{\text{CI}} + \text{PP} + \sum \text{R})$$

Where:

SW is Software

TW is Teamwork

TDD is Test Driven Development

CI is Continuous Integration

PP is Pair Programming

R is Refactoring



Agile

Softwareentwicklungsmethoden

in der Praxis

A close-up photograph of a person's hand holding a white business card. The hand is positioned on the left side of the frame, with the thumb and index finger gripping the card. The background is a plain, light-colored surface.

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Die Ratgeber-Community

Warum agil ?

Agile Entwicklungspraktiken mit Scrum und über 1 Million weitere Bücher verfügbar für Amazon Kindle. [Erfahren Sie mehr](#)Hier klicken **Blick ins Buch!**[Alle 1 Bild\(er\) anzeigen](#)Für Kunden: Stellen Sie Ihre eigenen Bilder ein.
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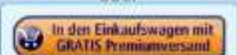
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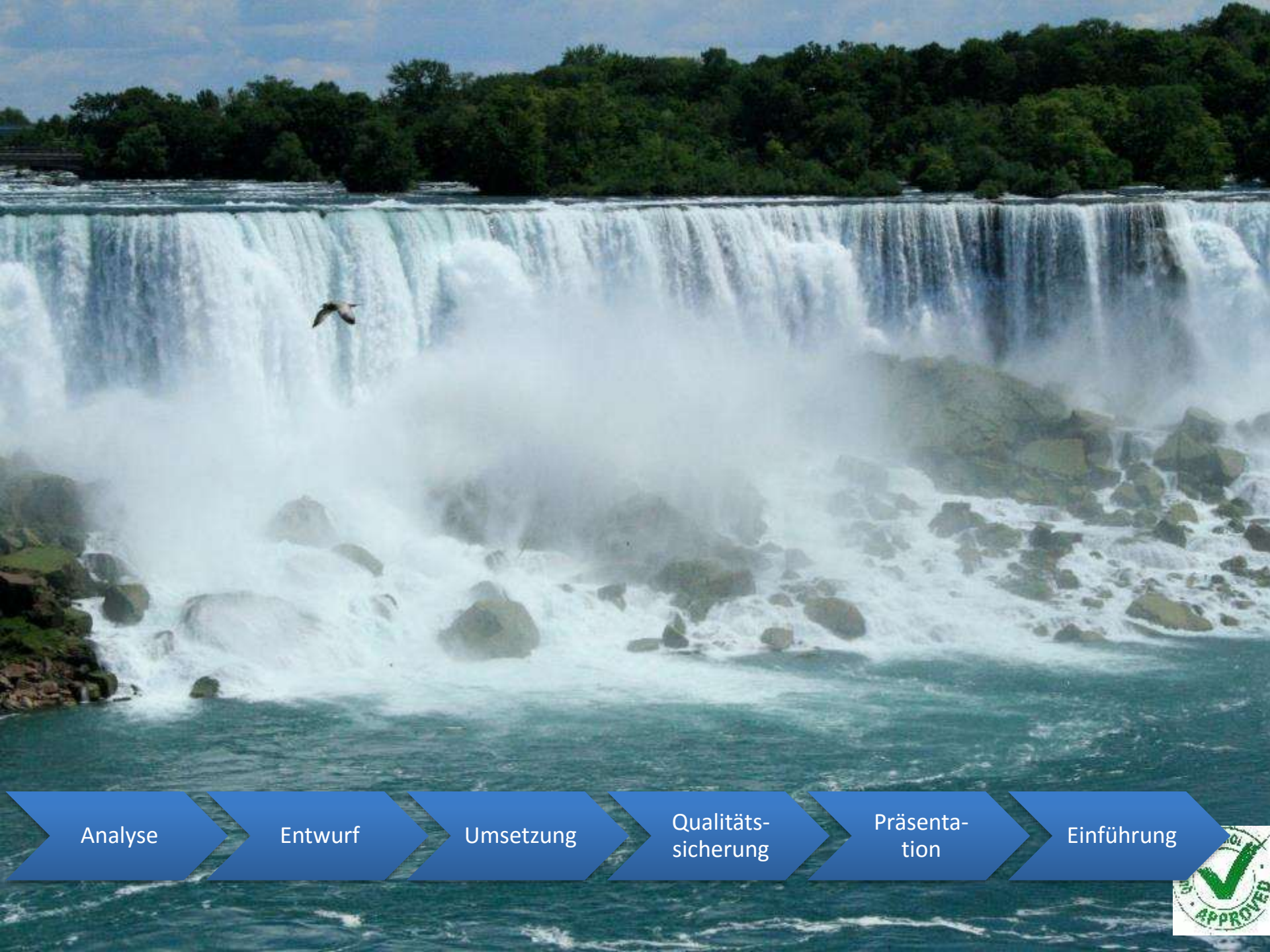
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Analyse

Entwurf

Umsetzung

Qualitäts-
sicherung

Präsen-ta-
tion

Einführung



The problem of traditional product development



How the customer explained it



How the project leader understood it



How the engineer designed it



How the programmer wrote it



How the sales executive described it



What the customer really needed



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



Agilität



Framework





Transparenz

Kommunikation



Inspect

and

Adapt



A photograph of a ship's deck with a brass bell hanging from a white rope. The bell is positioned in the upper left quadrant. Below it is a small wooden bob and a thick rope tassel. The background shows a white ship railing, the blue ocean, and a clear blue sky. The word "Verantwortung" is written in white text on the right side of the image.

Verantwortung

A photograph of two hikers on a large, dark, craggy rock peak. One hiker, wearing an orange jacket and black pants, is standing on the peak and reaching down to help another hiker. The second hiker, wearing a red jacket and black pants, is climbing the side of the rock, holding onto the first hiker's hand. The background features a vast, mountainous landscape with snow-capped peaks and a sky filled with large, white clouds. The word "Miteinander" is overlaid in a large, blue, sans-serif font on the right side of the image.

Miteinander

TEAM

There it is,

The 'I' in TEAM.

But, it's HIDDEN IN

the 'A'-HOLE!

Mut





Disziplin

A photograph of a forest floor covered in a thick layer of fallen brown leaves. In the background, several tree trunks are visible, and the foliage is a mix of green and yellow, suggesting an autumn setting. The lighting is soft, with some bright spots where sunlight hits the leaves.

Veränderung

Teamarbeit und Kommunikation fördern

mit Kunden zusammenarbeiten

**schneller für unsere
Kunden Wert stiften**

Motivation erhöhen

**kurze Lernzyklen,
stetige Verbesserung**

Agile

Webentwicklungsmethoden

in der Praxis

HEY PIG, I WAS THINKIN' WE SHOULD OPEN A RESTAURANT.

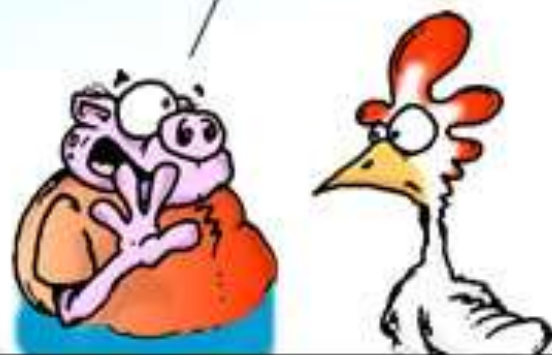
I DON'T KNOW. WHAT WOULD WE CALL IT?



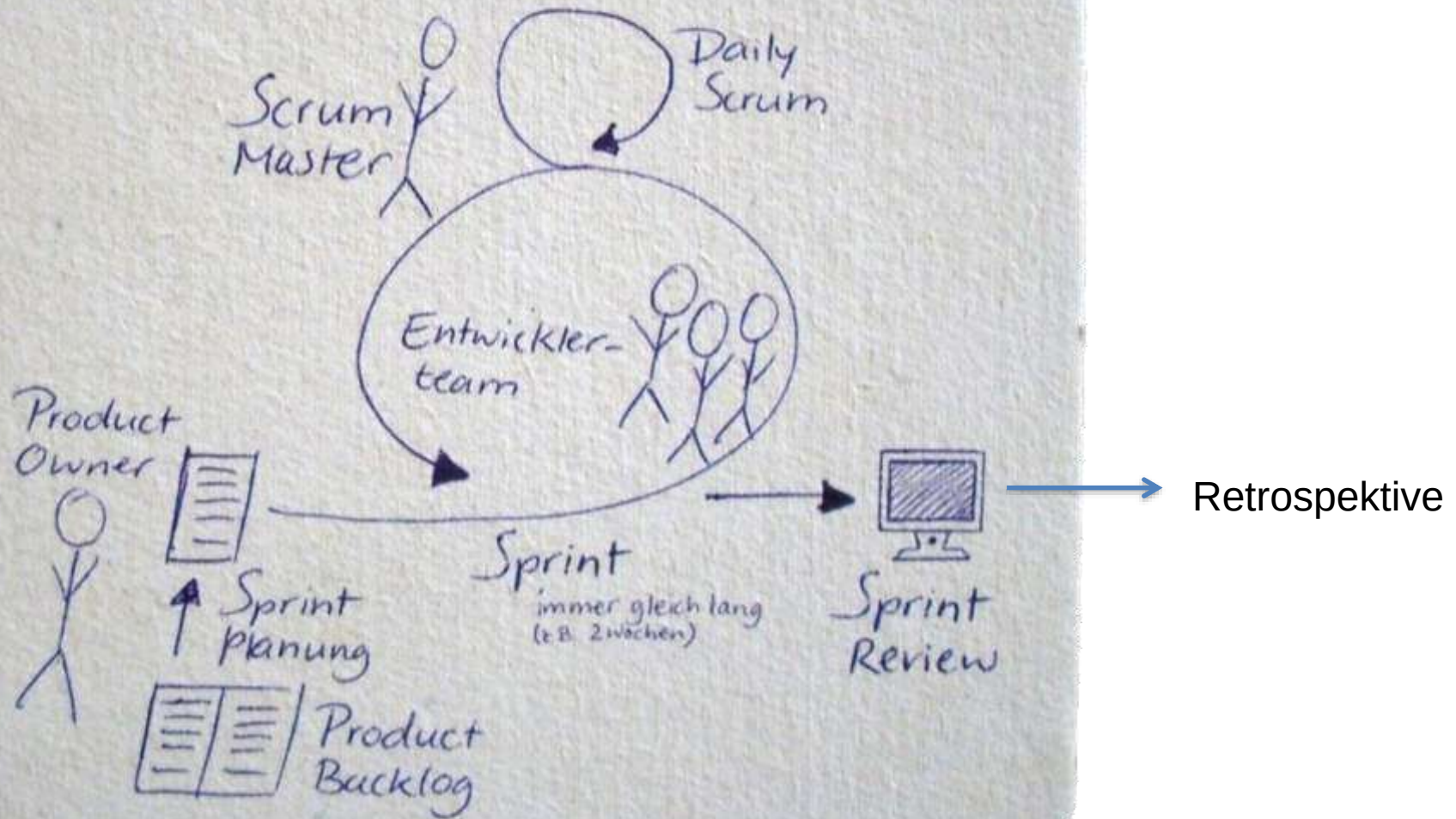
HOW ABOUT "HAM -N- EGGS."



NO THANKS, I'D BE COMMITTED, BUT YOU'D ONLY BE INVOLVED!



So einfach ist Scrum!



Scrum





Backlog | Plan

WIP (Pos-Ber)-1
4

Review

ACC

READY FOR ACC TEST

Done

READY FOR LIVE

✓



SERVICE
INTEGRATION
26871

P5 Task
Similar features
TERR

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gut WOHNEN
SDHA = RATERBERND
für TNG "gut" WOHNEN
2779 6F-2779

gut WOHNEN
ACTION LOGO

2779 6F-2796

gut WOHNEN: TIVN

2779 6F-2796

NEAB - MODERAT
HIGHLIGHTING

2746

SERVICE
QUESTION (PDA)
and pictures

PM-Overview

Done

Produkt inkremente



Product Owner

Scrum Master

Development Team

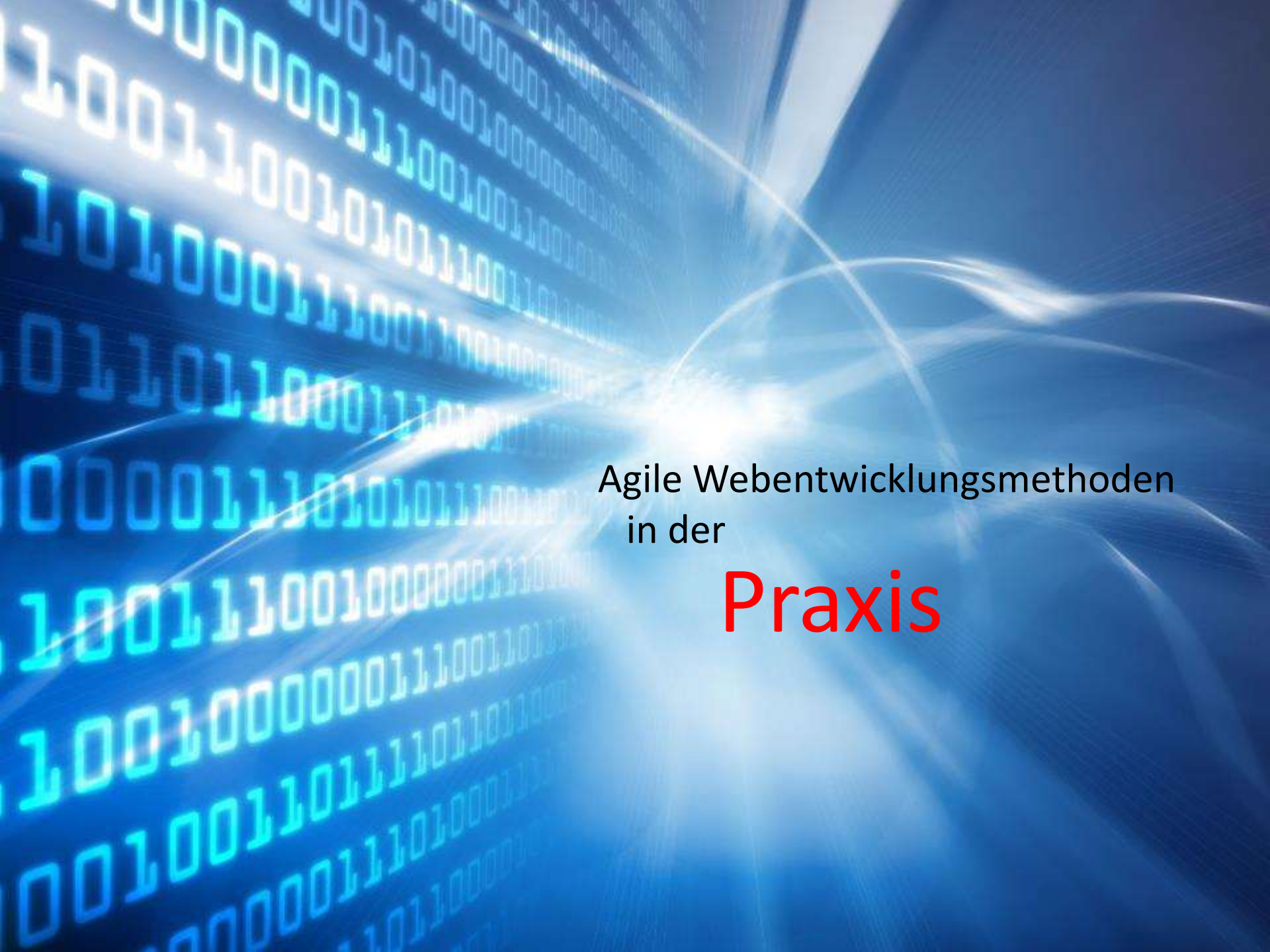




Meetings



Sprints

The background is a vibrant blue with a sense of motion and depth. On the left side, there are several lines of binary code (0s and 1s) in a light blue, glowing font, appearing to recede into the distance. On the right side, there are dynamic, flowing white and light blue lines that resemble smoke or energy currents, creating a sense of movement. A bright, circular light source is visible in the center-right, casting a strong glow and creating lens flare effects across the scene.

Agile Webentwicklungsmethoden
in der

Praxis

Qualität



Zero

Bug Policy



Pair Programming



A photograph of a ship's deck featuring a brass bell hanging from a white rope. The bell is positioned in the upper left foreground. Below it, a white rope railing with decorative white posts runs across the middle ground. The background shows a deep blue sea under a clear blue sky. The text "kritischer Fehler" is overlaid in white on the right side of the image.

kritischer Fehler



Interdisziplinäre Teams



HACKATHON

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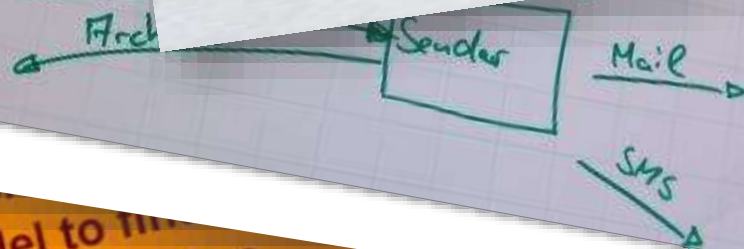
<http://www.youtube.com/watch?v=jvJMUIEkwXw>



Taskboards

A red lifebuoy with two white horizontal stripes is suspended from a vertical wooden post. The post is part of a wooden structure, likely the railing or deck of a boat. In the background, a calm blue sea stretches to the horizon under a clear blue sky. A single white seagull is captured in flight, its wings spread, positioned above the lifebuoy. The overall scene conveys a sense of safety and maritime environment.

SoS



As a User I want to search
 choosing make and model to find
 available with some certain version.

2SP

verteilte Teams



Viele

Features



Branching



Continuous Integration



Feature Toggles



Blue Green Deployment



Live Tests



Fragen?



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