

2.– 5. September 2013
in Nürnberg



Herbstcampus

Wissenstransfer
par excellence

ALM konkret

Die Aspekte des Application Lifecycle Management entdecken, verstehen und nutzen

Sebastian Rölz

complement AG



complement
getting ideas done





ALM konkret

Die Aspekte des Application Lifecycle Management entdecken, verstehen und nutzen

Sebastian Rölz

Technology Specialist ALM

complement AG • Nürnberg

Welche Vorteile ergeben sich durch ALM



Vorstellung: Alle paar Wochen neue Modelle



3 Wochen



6 Wochen

Das geht nicht



12 Wochen

Welche Vorteile ergeben sich durch ALM



Aktuelle Beispiele:



Firefox OS

12 Wochen



Google Chrome

6 Wochen



Team Foundation
Service

3 Wochen

Welche Vorteile ergeben sich durch ALM



Team Foundation
Service

3. Juni 2013

19. Juni 2013

Team Foundation Service

Home | Pricing | Learn | Community | Support | Account

Sign up for free

Team Foundation Service Updates for TechEd 2013

Today, we released a new set of features on Team Foundation Service that we've been including for several sprints. There are some fairly significant ones here.

Agile Portfolio Management

We introduced a new set of features that enable organizations with larger projects, multiple teams and backlogs to be able to decompose their backlogs at multiple granularities and roll up work. At each level you can have a backlog and Kanban board. Each team can have a backlog of "backlog items" that contribute to a parent "Feature" backlog. This is just the beginning and, roughly, every sprint it will get better.

Work Item Type	Title
Feature	Integrates impact of low-coverage areas
Product Backlog...	Performance based on low bandwidth mode
Product Backlog...	Data cache improvements
Feature	Utilize customer data
Feature	Promote customer participation

Team Foundation Service

Home | Pricing | Learn | Community | Support | Account

Sign up for free

Team Foundation Service updates - Jun 19

We've got a few updates to share as a part of today's deployment.

Agile Portfolio Management

- First, we made a couple of usability updates to the Agile Portfolio Management features announced and released back on June 2nd. Each backlog in the backlog explorer is now adorned with a draggable color bar that allows you to drill up or down between backlogs. In the screenshot below, you can see that I'm on the Features backlog and that I've drilled down to see related Backlog Items and Tabs. This provides a very quick and easy way to traverse the relationships between backlogs. The view filter on the right side of the toolbar has also been updated to include the color bars and a clearer description.

Title	Type
Agile portfolio management documentation	Help
Documentation library from the backlog	Agreement
Change many child targets	Commitment
Eliminate backlog	To Do
Effort sharing	To Do
UI view updates to support the new color targets	To Do
Early testing	Plan
Reporting on the team working conditions	Plan



Was versteht man unter Application Lifecycle Management

101₂ - Schritte zu einem vollständigem ALM

Aspekte & Werkzeuge Schritt für Schritt integrieren

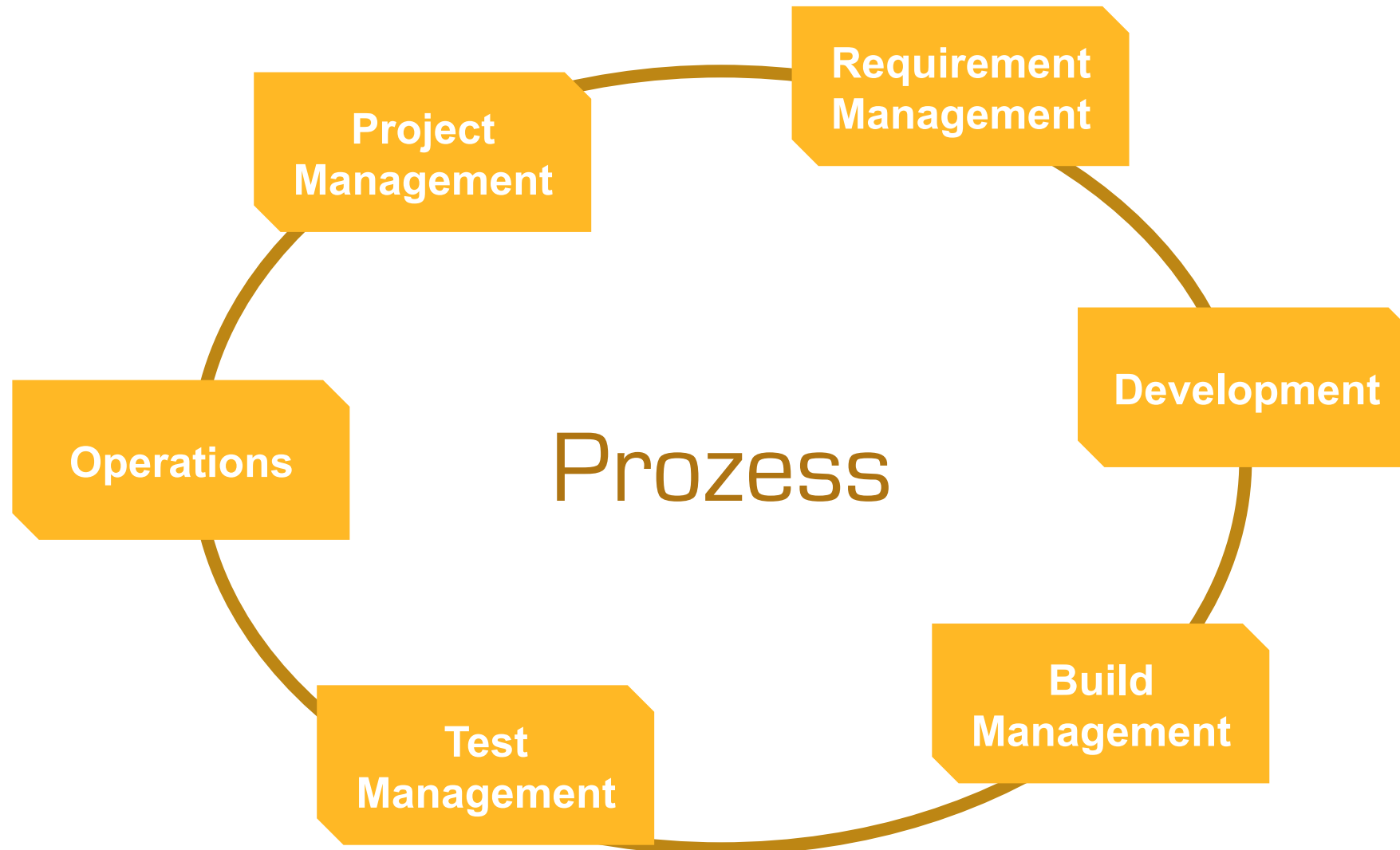
Prozesse verstehen, nutzen und leben

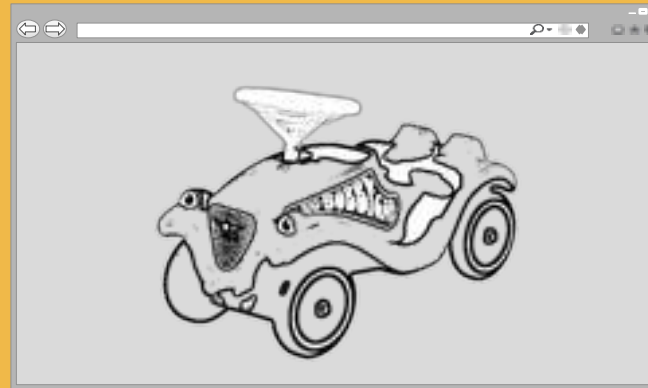
Zusammenfassung & Fazit



A p p l i c a t i o n
L i f e c y c l e
M a n a g e m e n t

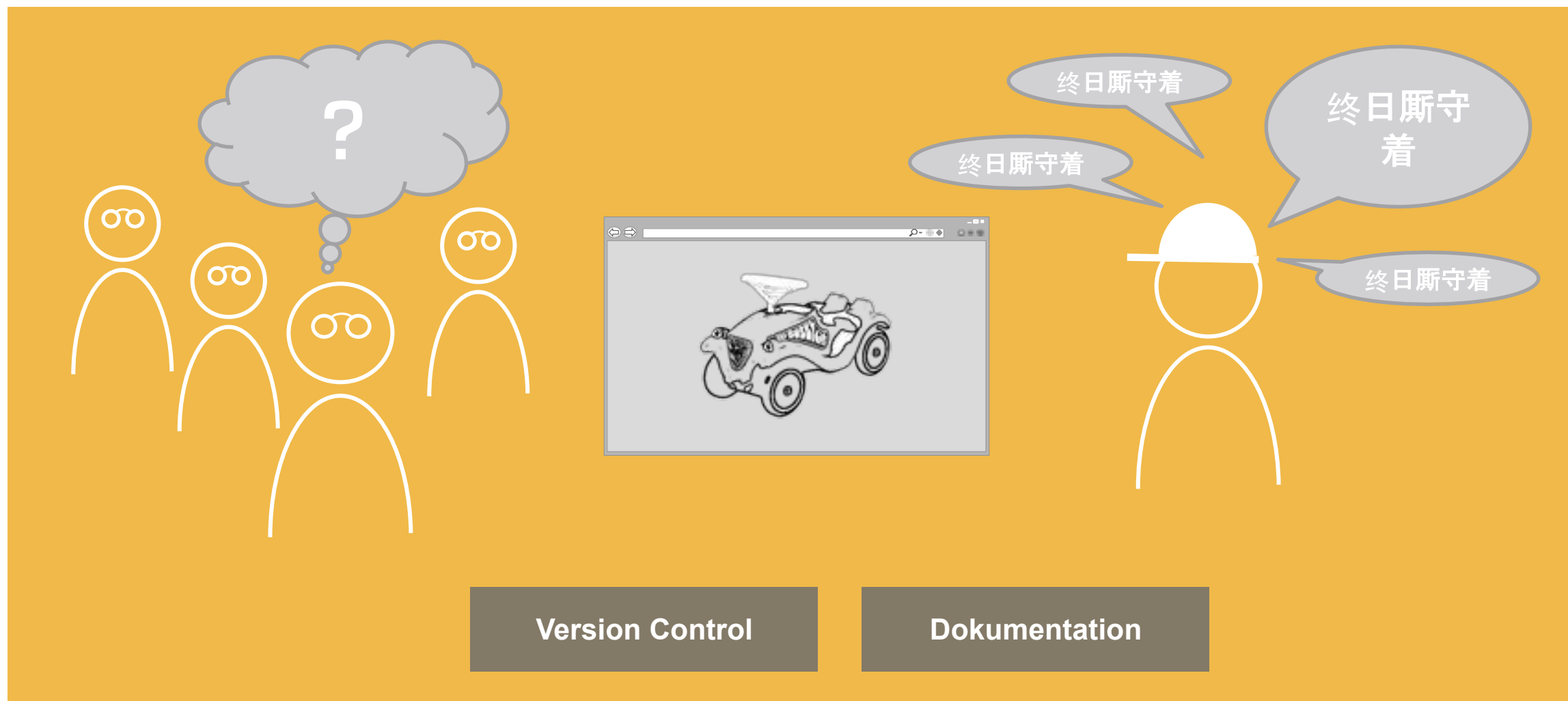
Was versteht man unter Application Lifecycle Management

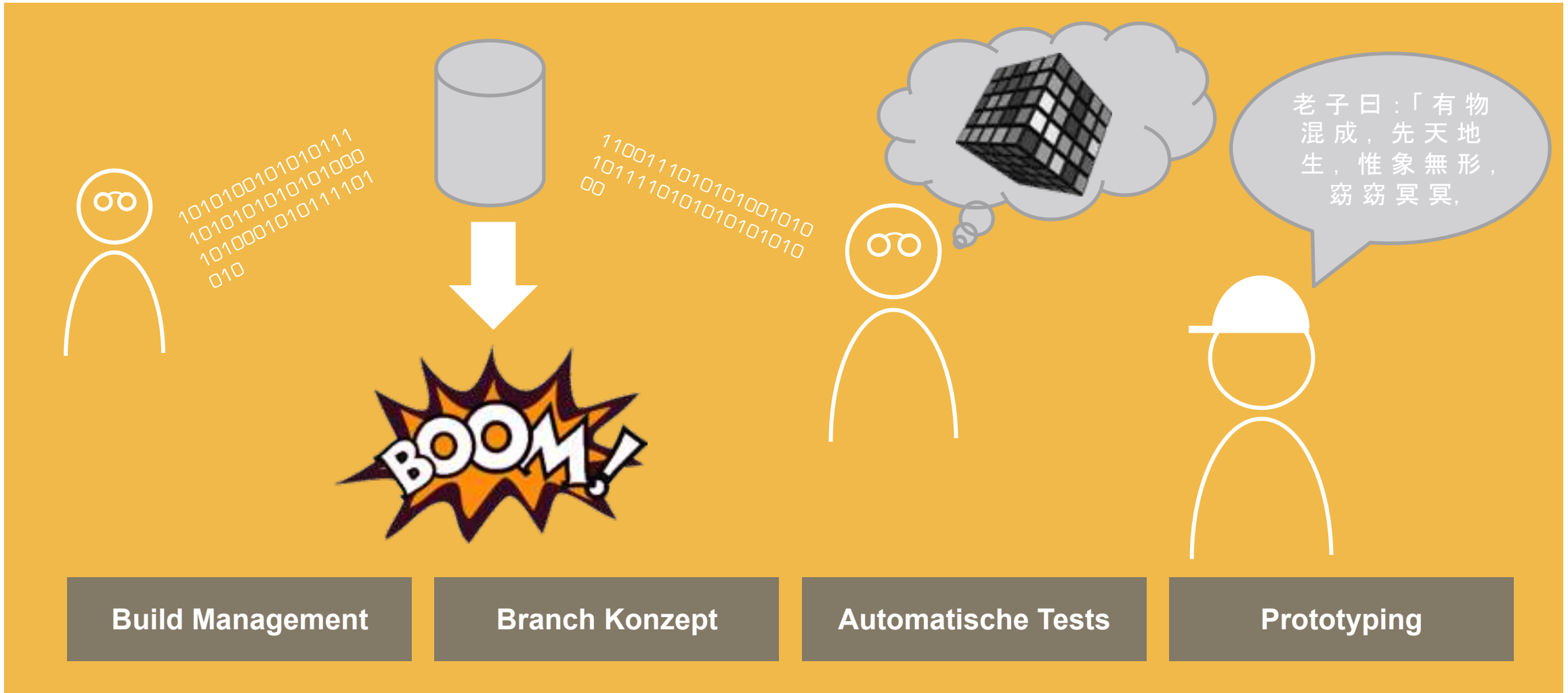




Entwicklungsumgebung

Rollen / Kontakte







Test Management

Branches

Build Management

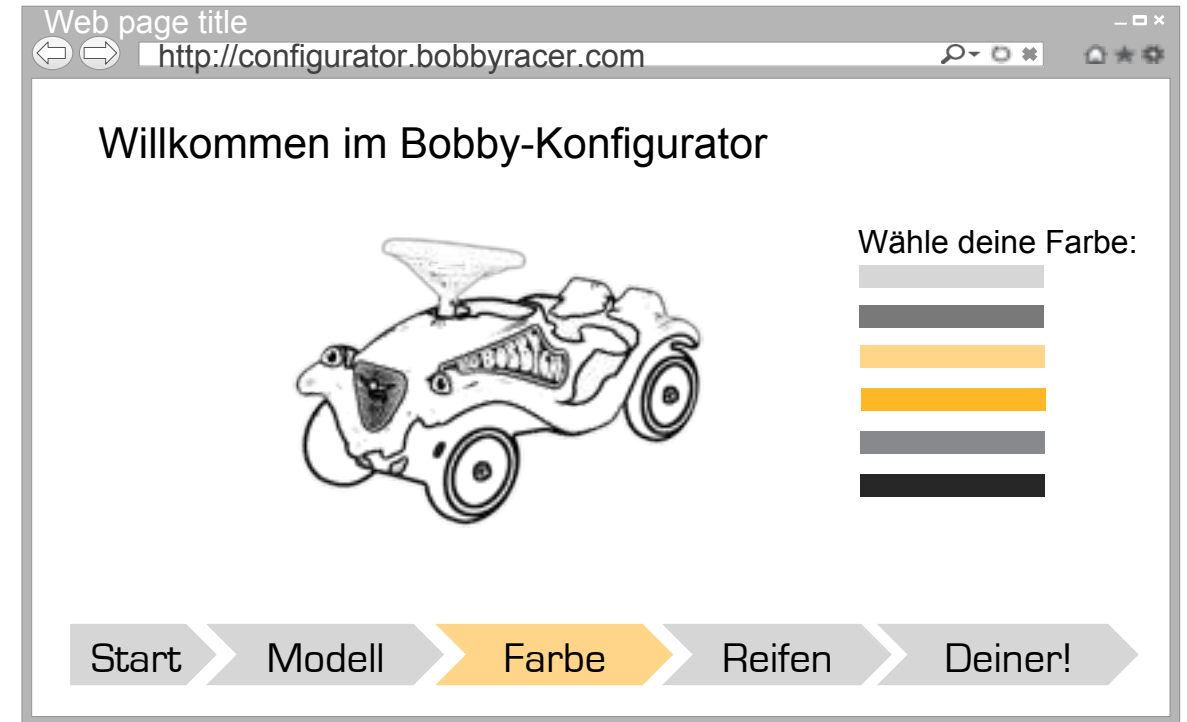
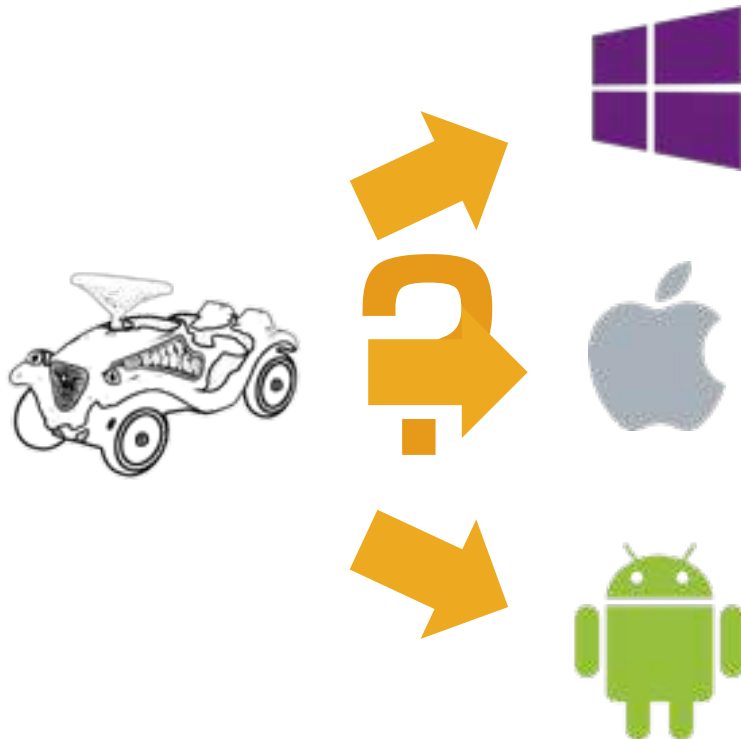
The screenshot displays the 'Build' section of the Azure DevOps portal. The main view shows a build named 'Stage_deployment_20130726.3' with a status of 'Build succeeded'. The interface includes a navigation menu on the left with options like 'HOME', 'CODE', 'WORK', 'BUILD', and 'TEST'. The 'Explorer' view on the left lists 'My favorites' and 'Team favorites', both containing 'Stage_deployment' and 'Prod_deployment' items. The main content area shows a 'Summary' section with a green bar chart, a 'Latest activity' section mentioning 'Sebastian Rölz triggered Stage_deployment (conevents) for changeset 81', and a 'Deployment Summary' section stating 'Your Website was deployed'. Below this is a 'Summary' section with 'Debug | Any CPU' details, including '0 error(s), 0 warning(s)', '1 test run(s) completed - 100% average pass rate (100% total pass rate)', and 'No code coverage results'. The 'Other Errors and Warnings' section shows '0 error(s), 0 warning(s)'. The interface also features a search bar for build definitions and various action buttons like 'Download', 'Retain indefinitely', and 'No quality assigned'.

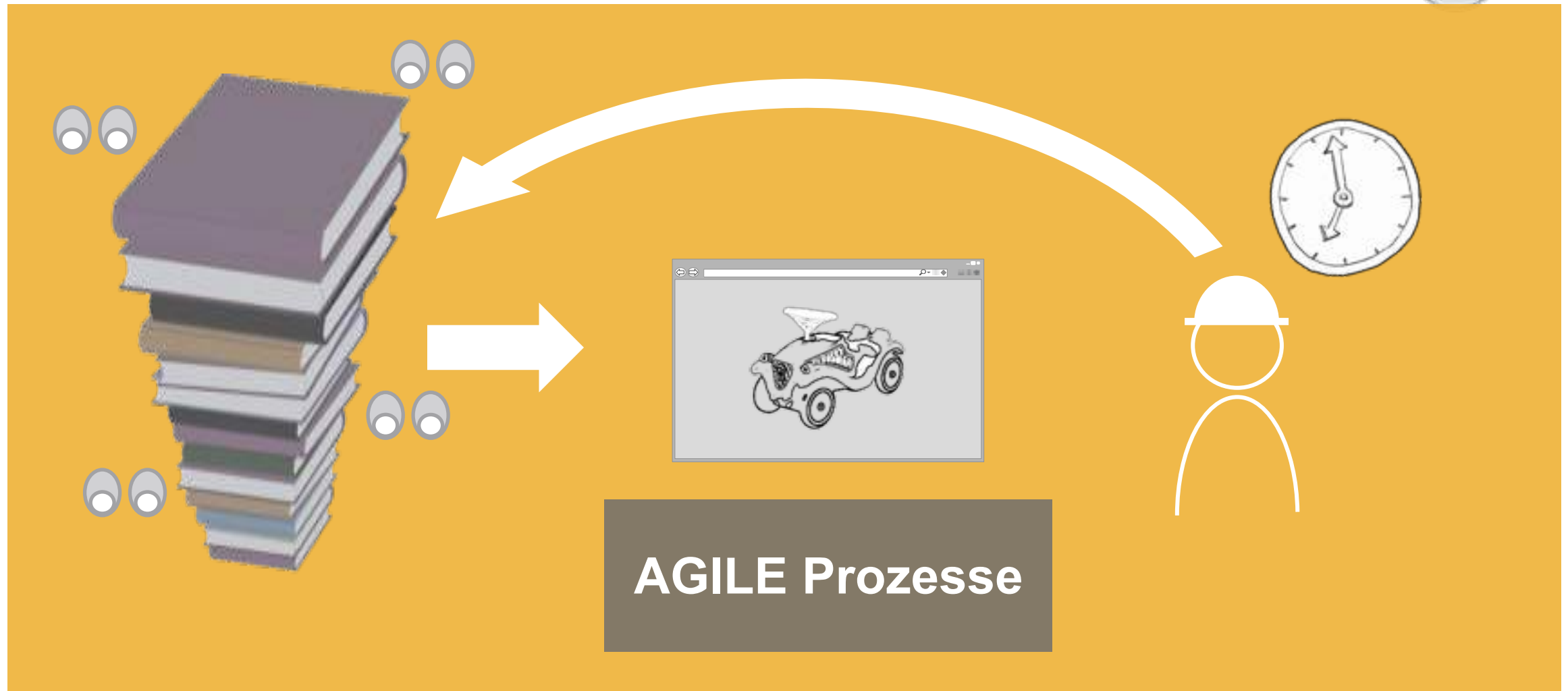


Prototyping



Sketchflows

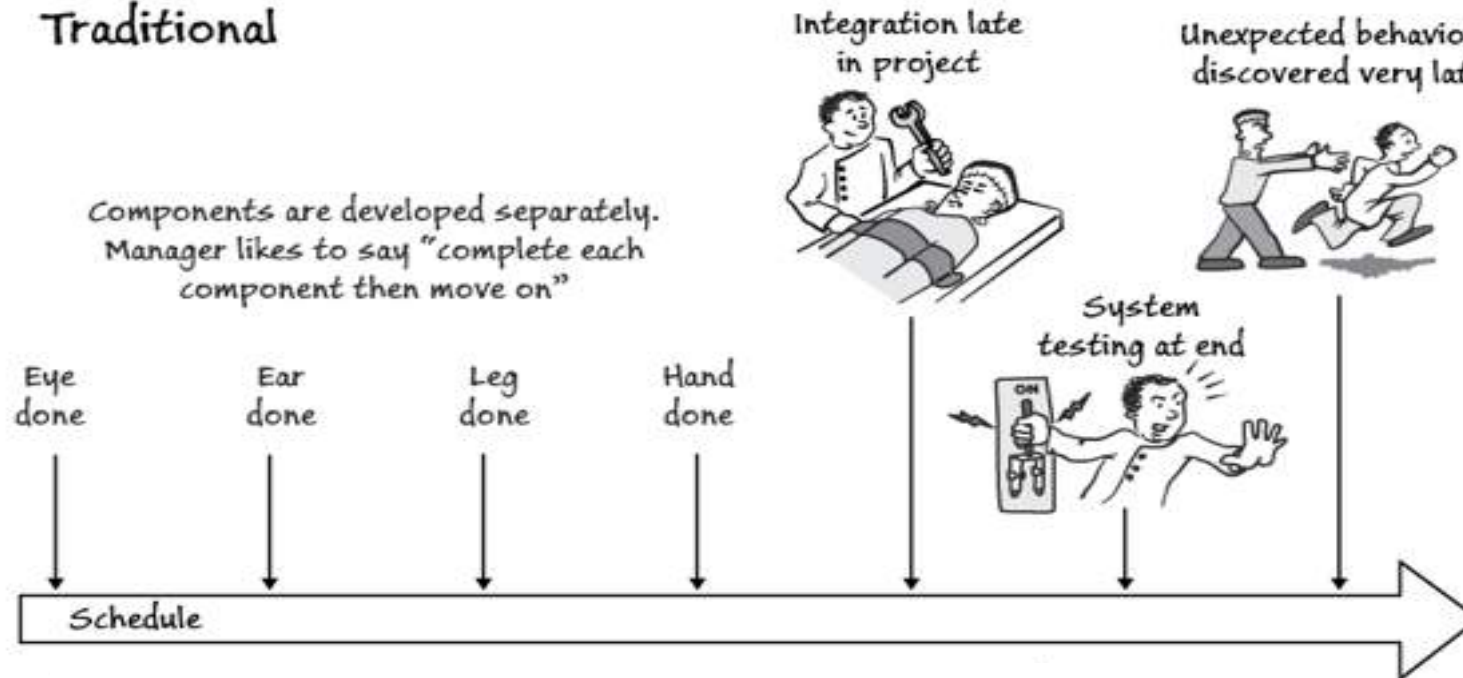






Traditional

Components are developed separately.
Manager likes to say "complete each component then move on"





Agile = Wendig, Gewandt

Agiles Manifest 2001

Individuen und Interaktionen mehr als Prozesse und Werkzeuge

Funktionierende Software mehr als umfassende Dokumentation

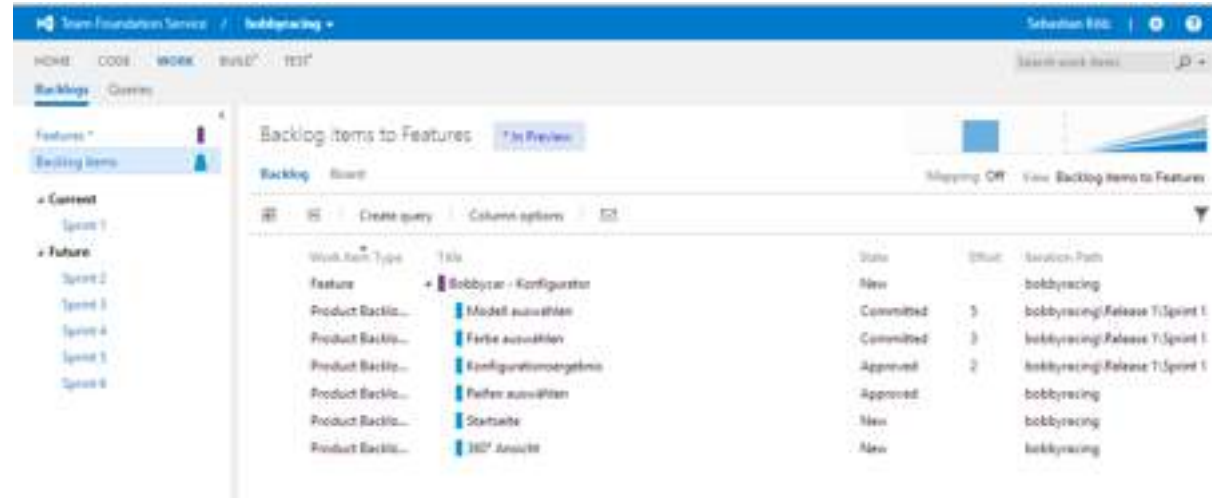
Zusammenarbeit mit dem Kunden mehr als Vertragsverhandlung

Reagieren auf Veränderung statt das Befolgen eines Plans





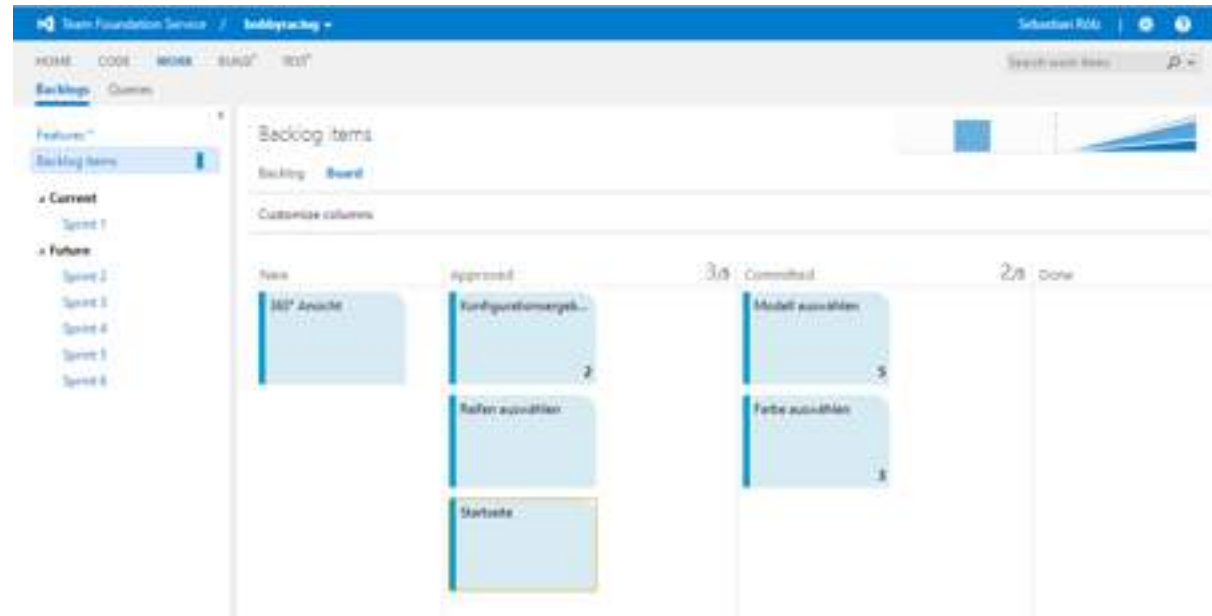
Product Backlog



The screenshot shows the 'Backlog items to Features' view in Team Foundation Service. The left sidebar shows a navigation tree with 'Current' and 'Future' sections, each containing Sprints 1 through 6. The main area displays a table of backlog items with columns for Work Item Type, Title, State, Effort, and Solution Path.

Work Item Type	Title	State	Effort	Solution Path
Feature	Bobbyracing - Konfigurator	New		bobbyracing
Product Backlog Item	Modell auswählen	Committed	5	bobbyracing/Release 1/Sprint 1
Product Backlog Item	Farbe auswählen	Committed	3	bobbyracing/Release 1/Sprint 1
Product Backlog Item	Konfigurationsmerkmale	Approved	2	bobbyracing/Release 1/Sprint 1
Product Backlog Item	Reifen auswählen	Approved		bobbyracing
Product Backlog Item	Startseite	New		bobbyracing
Product Backlog Item	3D Ansicht	New		bobbyracing

Kanban Board

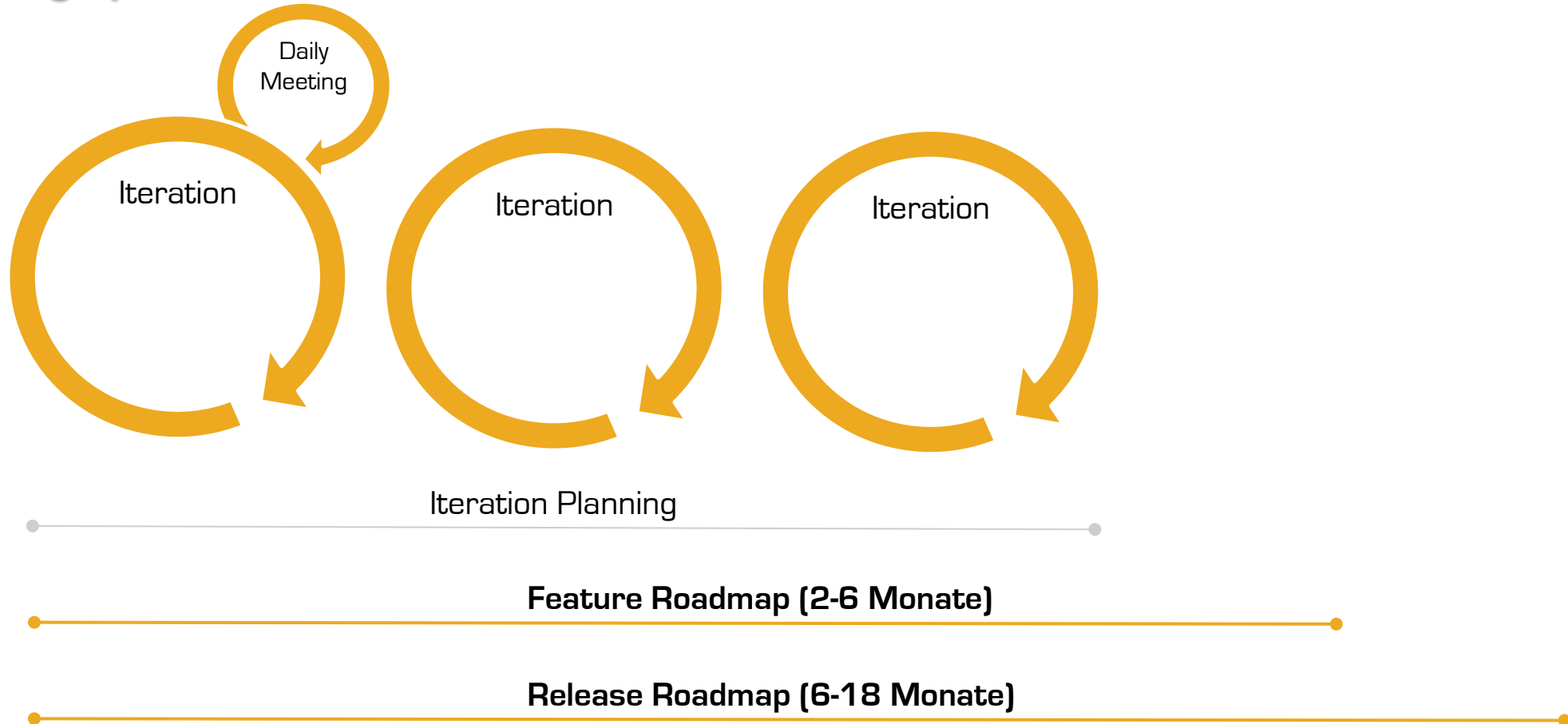


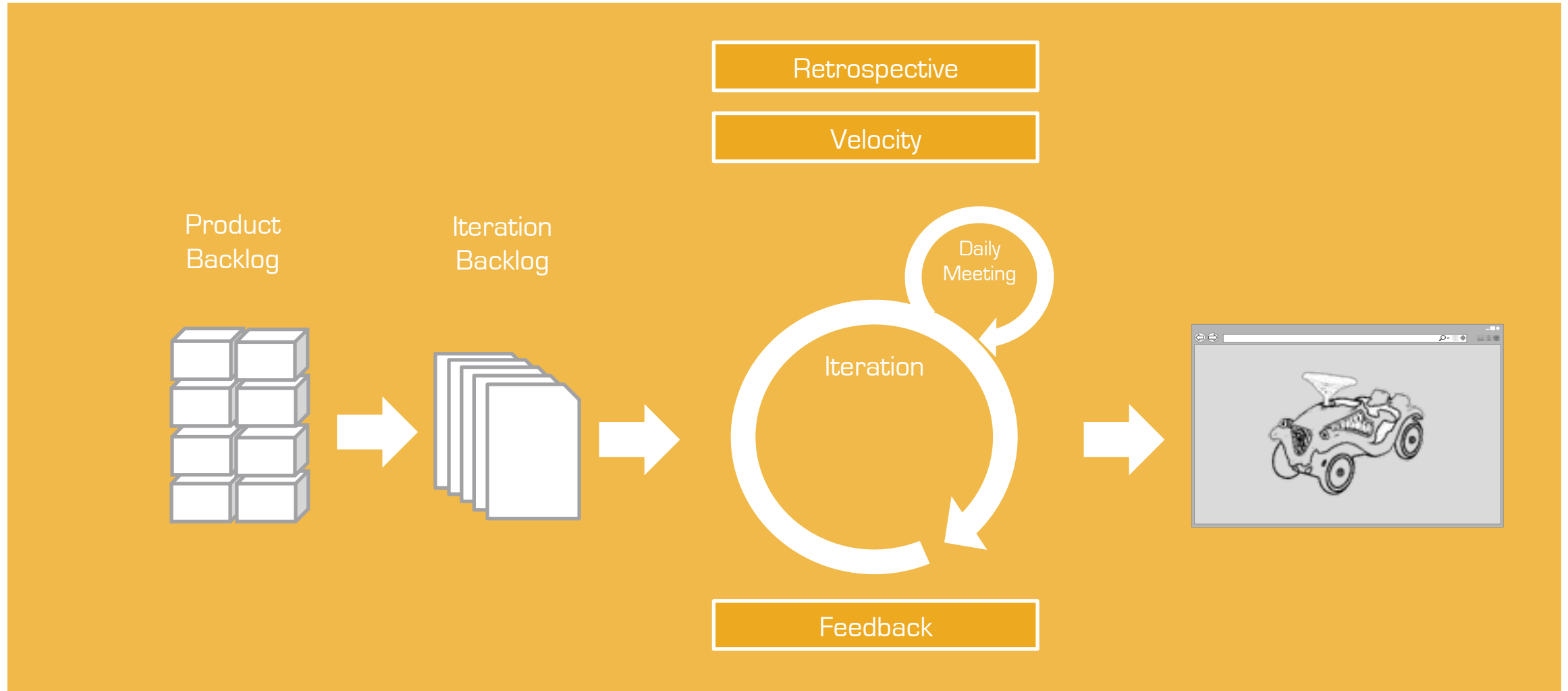
The screenshot shows the 'Backlog items' view in Team Foundation Service, configured as a Kanban board. The board has columns for 'New', 'Approved', 'Committed', and 'Done'. Items are represented as cards with their titles and counts.

Column	Item Title	Count
New	3D Ansicht	1
Approved	Konfigurationsmerkmale	2
Approved	Reifen auswählen	1
Approved	Startseite	1
Committed	Modell auswählen	5
Committed	Farbe auswählen	3
Done		0



Stufe 3 – Agil planen!



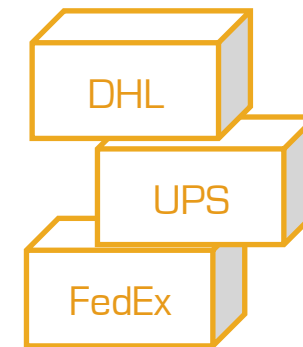
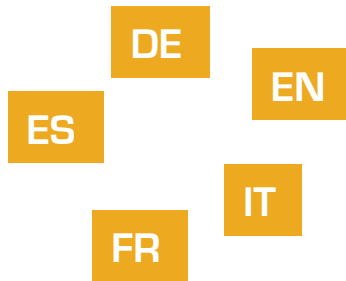




Windows 8

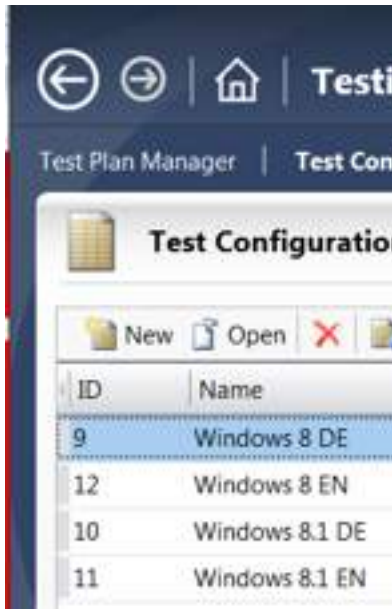


Windows 8.1





Lab Management



Testing Center | Plan | Test | Track | Organize | bobbyracing | Bestellung im Konf...

Run Tests | Analyze Test Runs | Do Exploratory Testing | View Exploratory Test Sessions | Verify Bugs | New | Open Items (3)

Run Tests

Perform tests using: Local machine (ULTRAWASTL) | Modify | Build: Build unavailable

Test suite: Farbkonfiguration (Suite ID: 14)

ID	Title	Tester	Configuration	Priority	Automated	
Active (3)						
16	106	Blau bei Offroadmodell	Sebastian Rölz	Windows 8 EN	2	No
Failed (1)						
5	104	Blau bei Standardmodell	Sebastian Rölz	Windows 8 DE	2	No
Passed (16)						
1	102	Gelb bei Standardmodell	Sebastian Rölz	Windows 8.1 DE	2	No
2	102	Gelb bei Standardmodell	Sebastian Rölz	Windows 8.1 EN	2	No
3	102	Gelb bei Standardmodell	Sebastian Rölz	Windows 8 EN	2	No
4	102	Gelb bei Standardmodell	Sebastian Rölz	Windows 8 DE	2	No
6	104	Blau bei Standardmodell	Sebastian Rölz	Windows 8.1 DE	2	No
7	104	Blau bei Standardmodell	Sebastian Rölz	Windows 8.1 EN	2	No
8	104	Blau bei Standardmodell	Sebastian Rölz	Windows 8 EN	2	No
9	105	Wechsel von Rot nach Blau	Sebastian Rölz	Windows 8.1 DE	2	No
10	105	Wechsel von Rot nach Blau	Sebastian Rölz	Windows 8.1 EN	2	No



Lab Management

The screenshot displays the Lab Center interface. The main window shows a list of environments under the 'Environments' tab. The 'Windows 8 DE - Test' environment is currently running. Below this, a 'Testplanstatus' window is overlaid, providing a summary of test results. To the right, a detailed view of the 'Windows 8 DE - Test' environment is shown, including its capabilities and a list of running components.

Name	Status	In use	Project host group	Owner
Windows 8 DE - Test	Running		All Hosts	
Windows 8 ES - Test	Stopped		All Hosts	
Windows 8 DE - Staging	Stopped		All Hosts	
Windows 8.1 DE- Staging	Stopped		All Hosts	

Testplanstatus

Aktueller Status der Tests

- 4 Fehler (44,4%)
- 3 Erfolgreich (33,3%)
- 1 Aktiv (11,1%)
- 1 Blockiert (11,1%)

Fehlerhafte Tests nach Ursache

- 2 Regressionen (40%)
- 1 neues Problem (20%)
- 2 bekannte Probleme (40%)

Environment: Windows 8 DE - Test

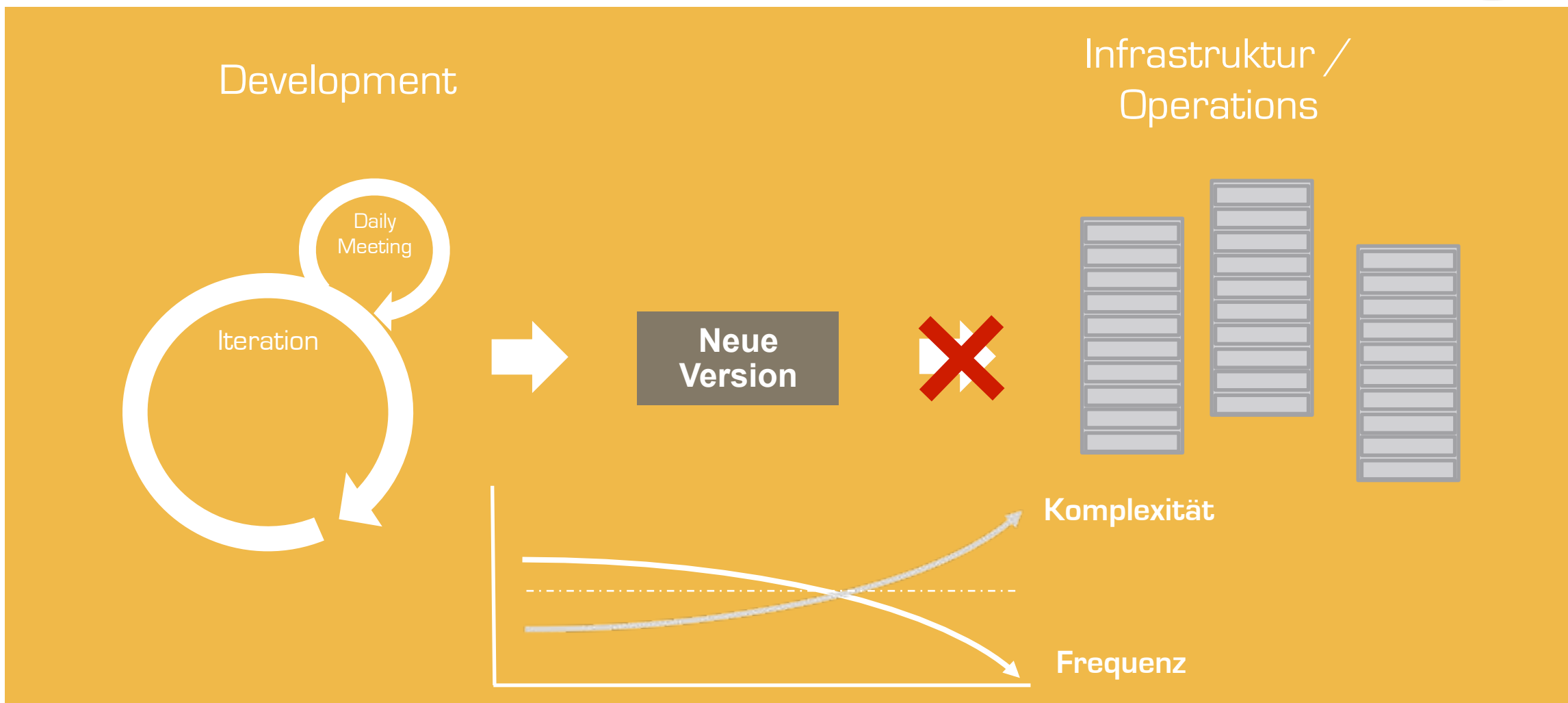
Description:

Capabilities:

- Testing: Ready
- Workflow: Ready
- Network isolation: Ready

Running Components:

- SQLDB Database Server Running
- SQLAS Database Server Running
- SQLRS Database Server Running
- Windows 8 DE Desktop Client Running



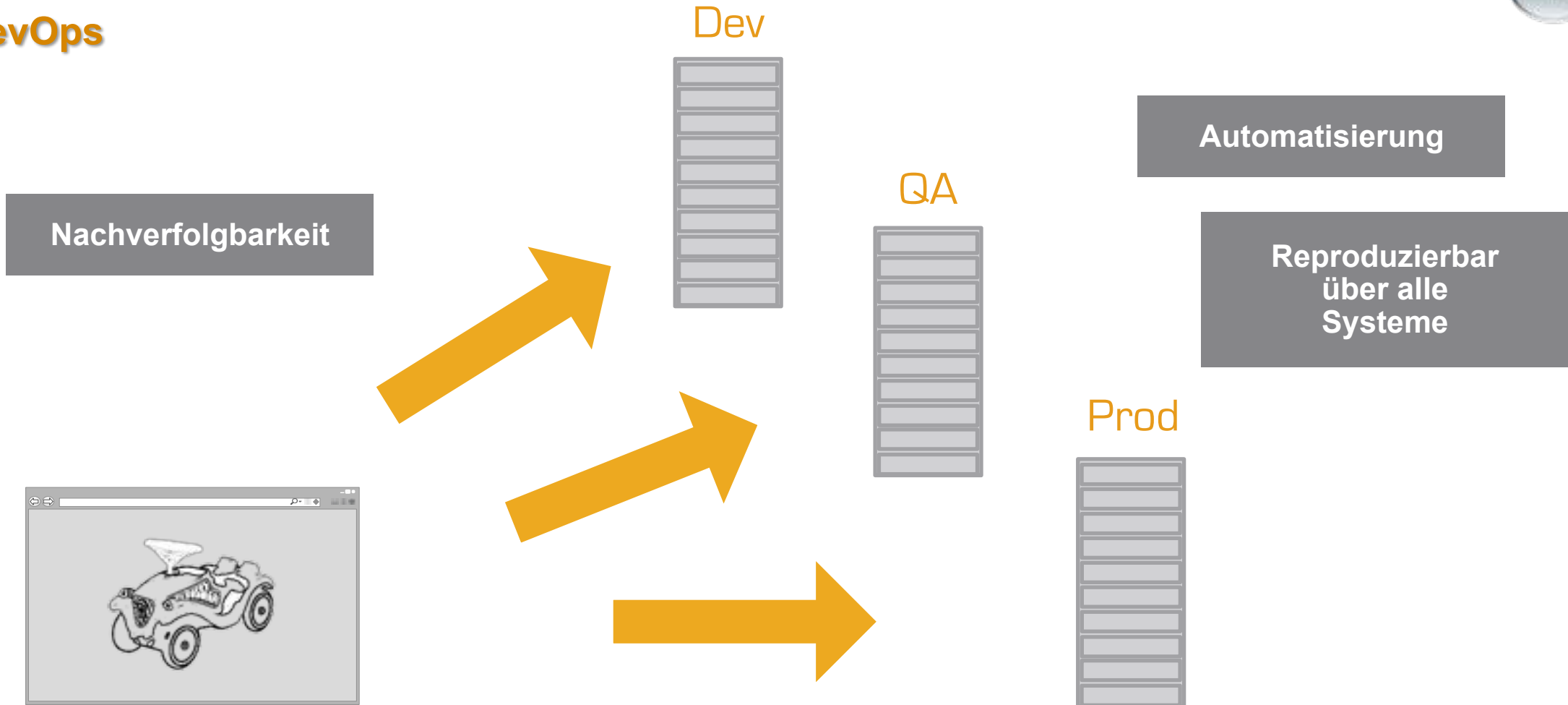
Die Reifeprüfung – The Royal Stage

Stufe

1 0 0

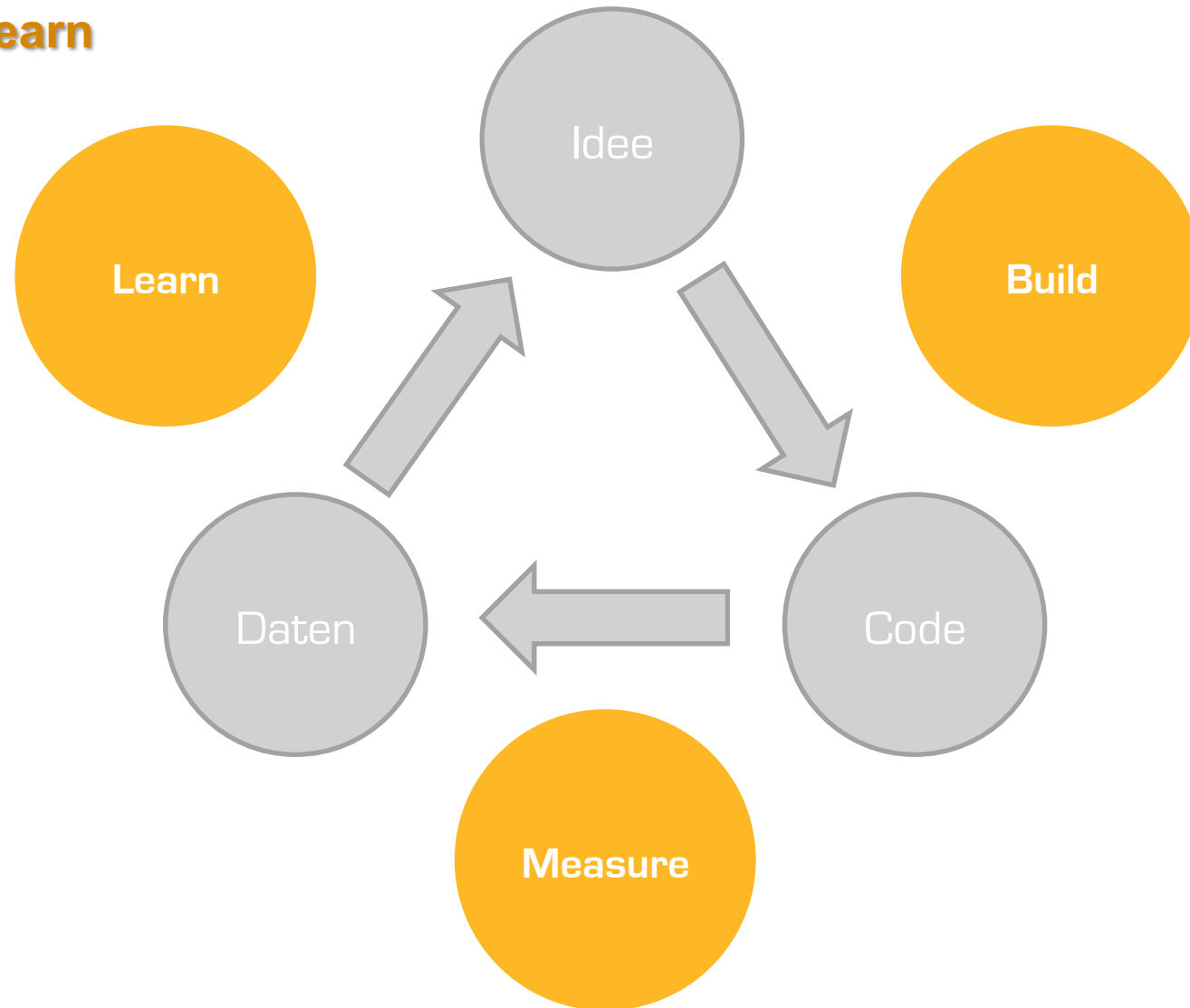


DevOps





Build Measure Learn





Build Measure Learn

Manuell

Umfragen

Portal



Sketchflows

Automatisiert

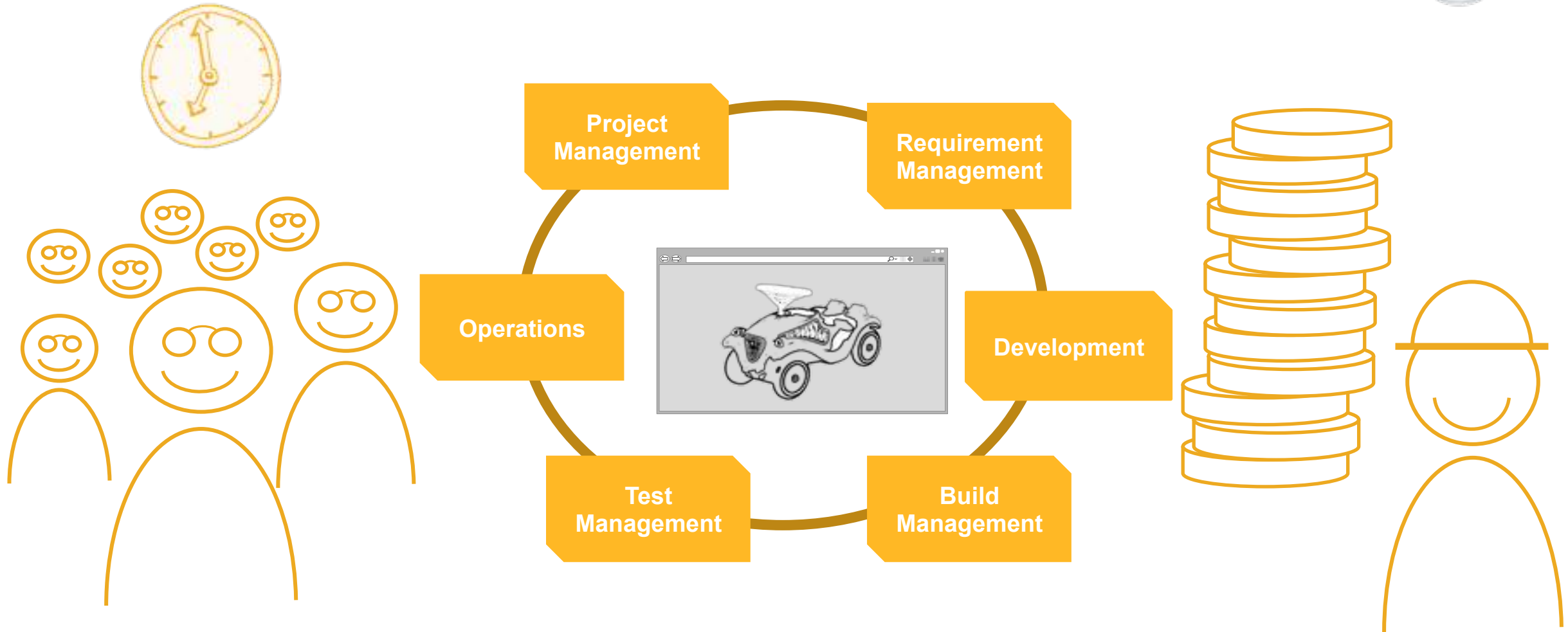
Applikationsmetriken

Die Reifeprüfung – The Royal Stage

Stufe

1 0 0







ALM

Kürzere Zyklen

Werte schaffen

Qualität

Zusammenarbeit

Experimente wagen

+ Integriertes Tooling

Nachverfolgbarkeit

Automatisierung

Anpassbar

Backup



Microsoft
CERTIFIED
Solutions Developer
Application Lifecycle
Management

Sebastian Rölz

Technology Specialist ALM

sebastian.roelz@complement.de

Phone: +49 911 25 50 976 77

Mobile: +49 176 125 501 77

Blog: www.lifecycleinprogress.net

Microsoft Partner

Gold: Application Development
Gold: Application Integration
Gold: Application Lifecycle Management
Gold: Digital Marketing
Gold: Small Business
Silver: Midmarket Solution Provider
Silver: Collaboration and Content
Silver: Data Platform
Silver: Mobility

complement AG

Südwestpark 92

90449 Nürnberg

Phone: +49 911 25 50 976 0

Web: www.complement.de

Facebook: www.facebook.com/complement