



Henning Sternkicker
IBM Rational
Henning.sternkicker@de.ibm.com

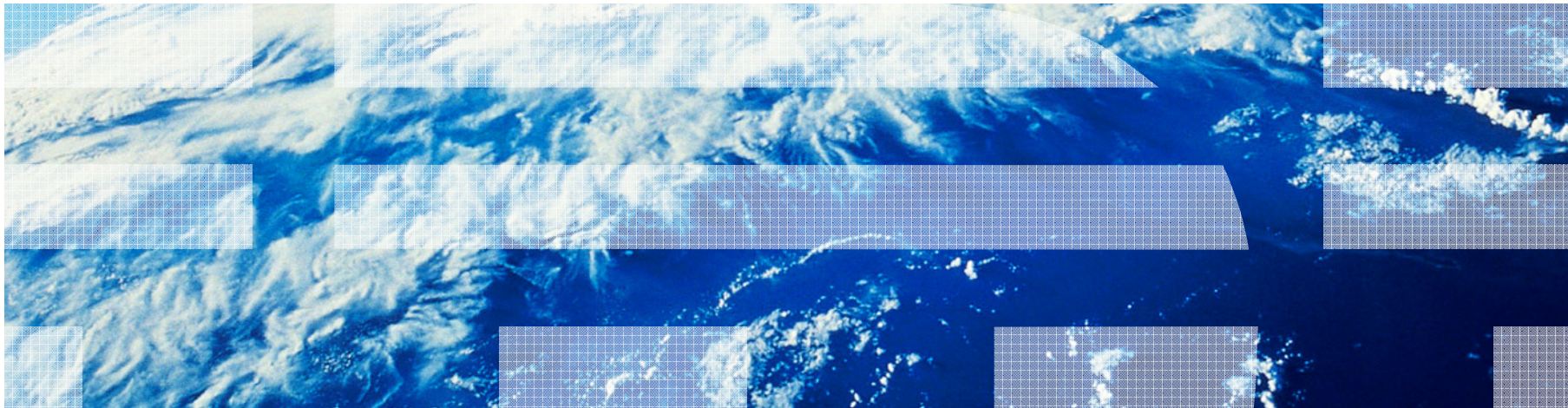
Rene Meyer
IBM Rational
Rene.Meyer@de.ibm.com

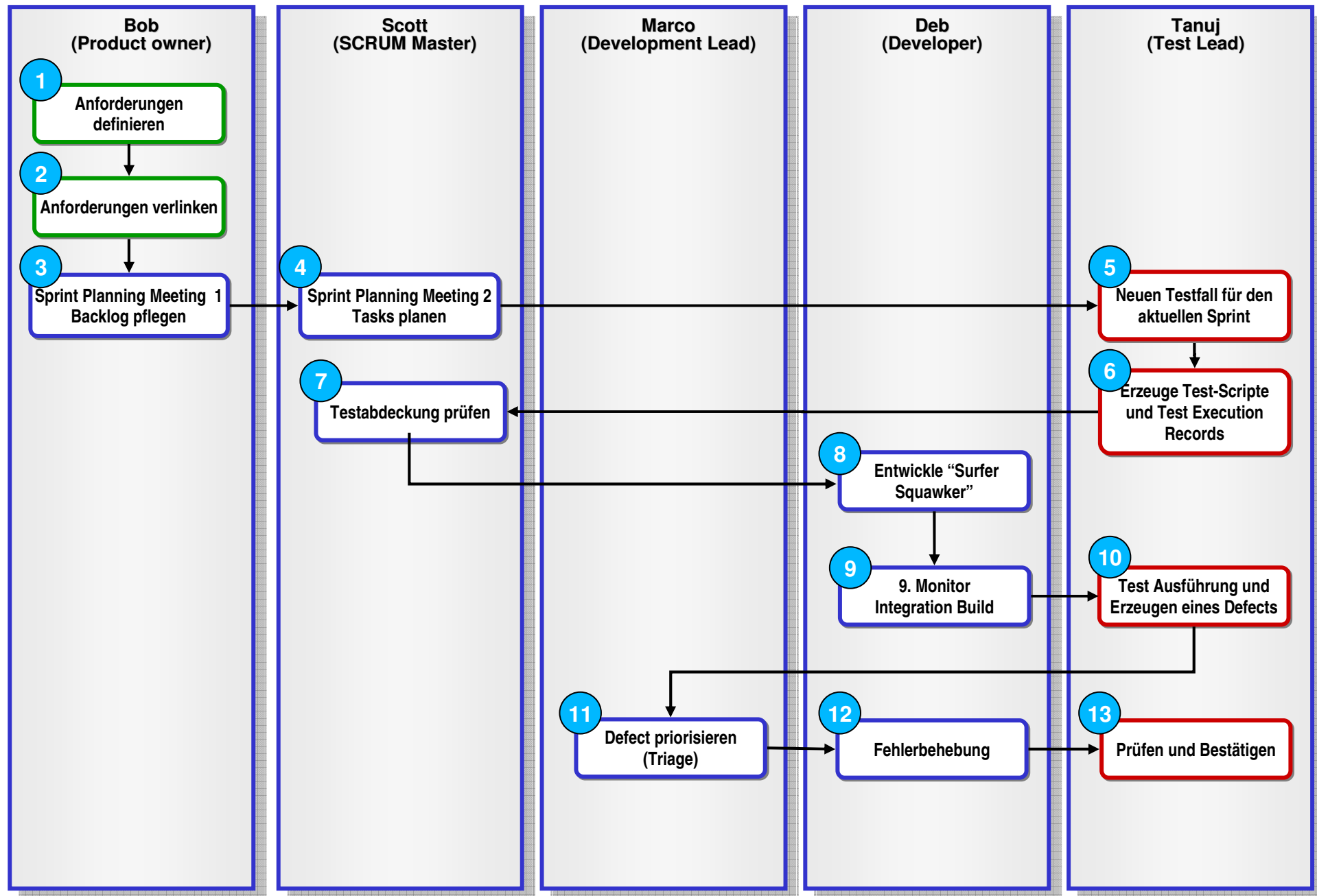
Thomas Müller
IBM Rational
Thomas.Mueller@de.ibm.com

Agil zum Ziel: Smarte Softwareentwicklung mit Jazz

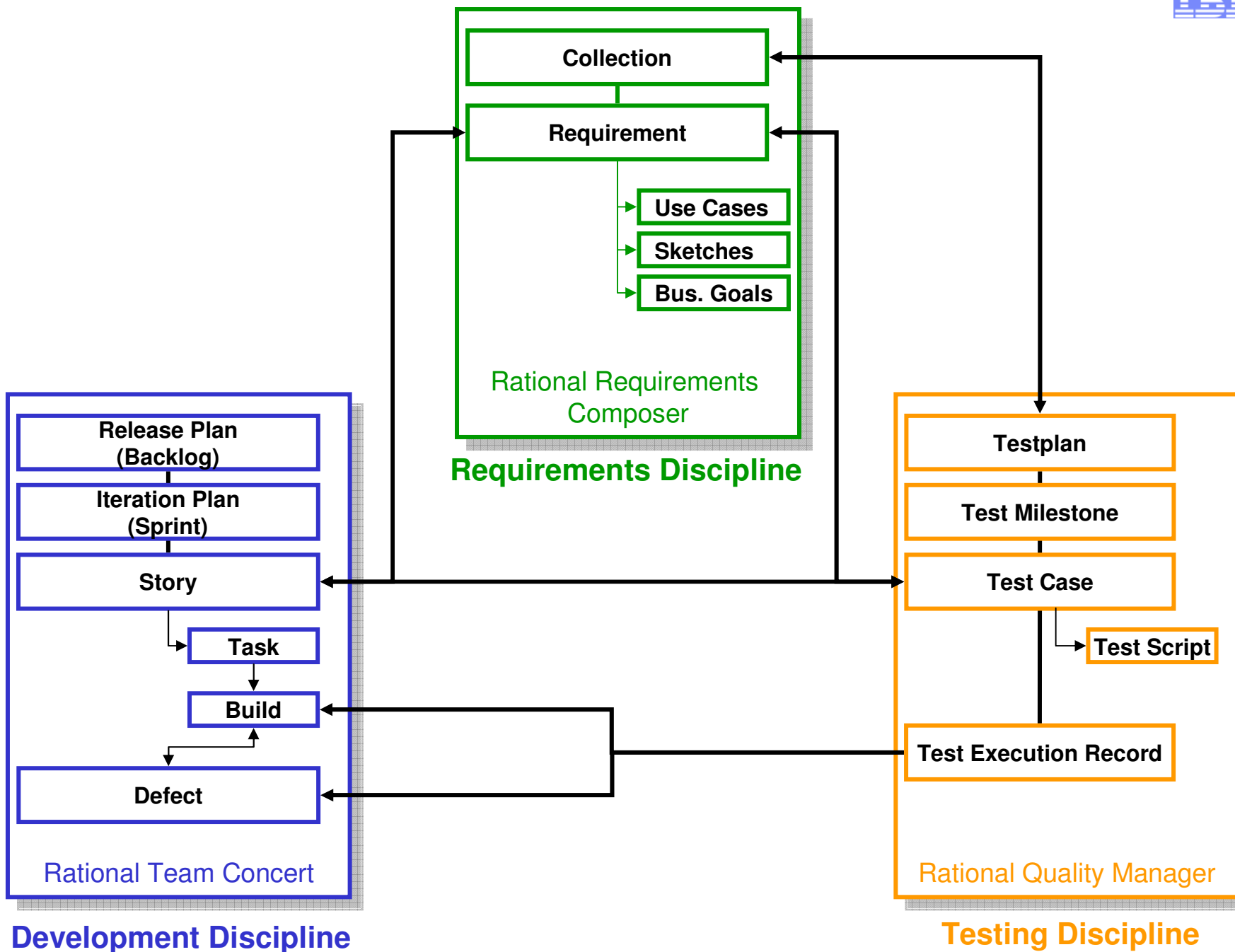
IBM Rational Jazz Roadshow

DEMO

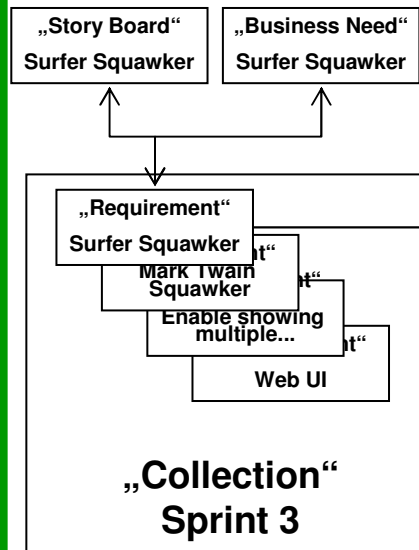




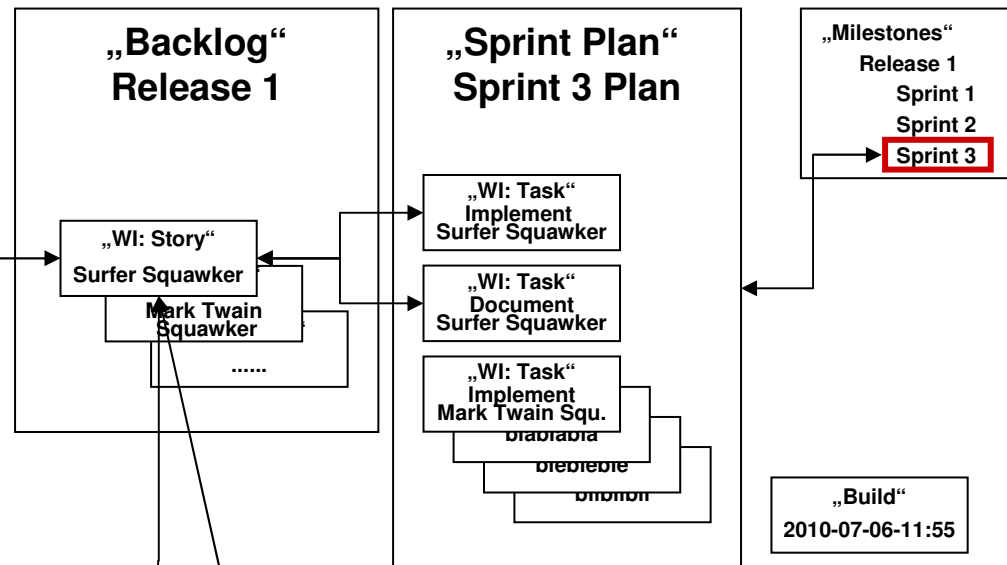
Demo



Requirements Discipline

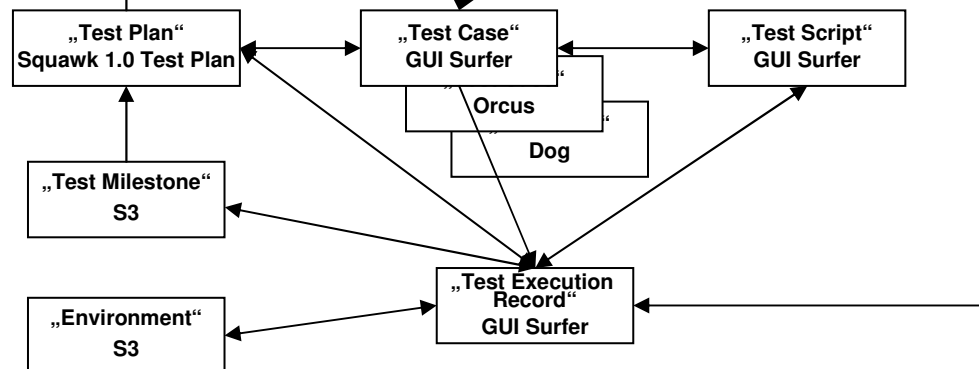


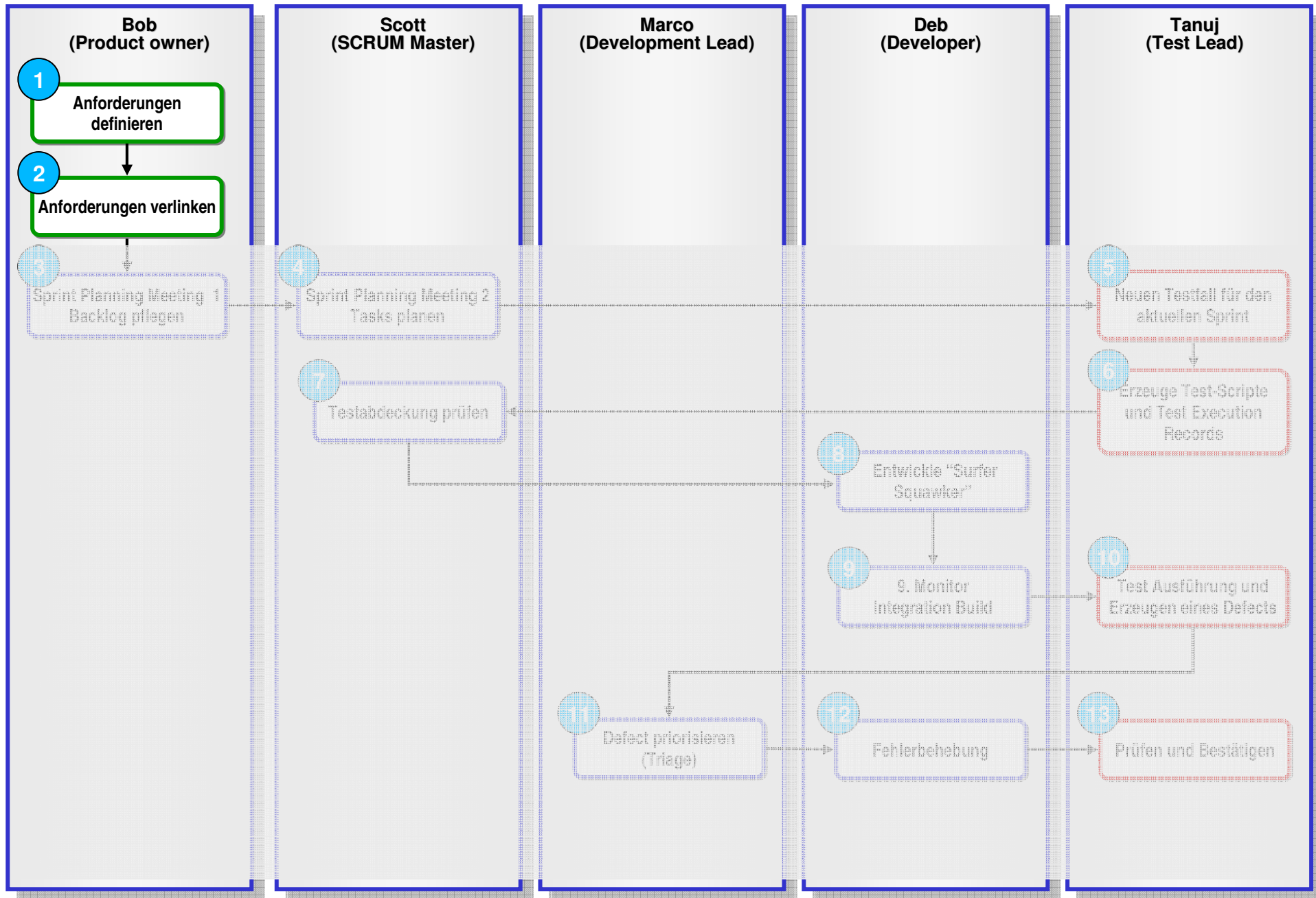
Development Discipline



„WI Defect“
2010-07-06-11:55

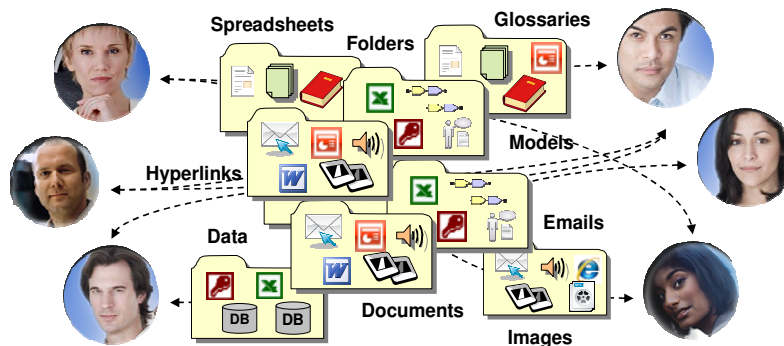
Testing Discipline



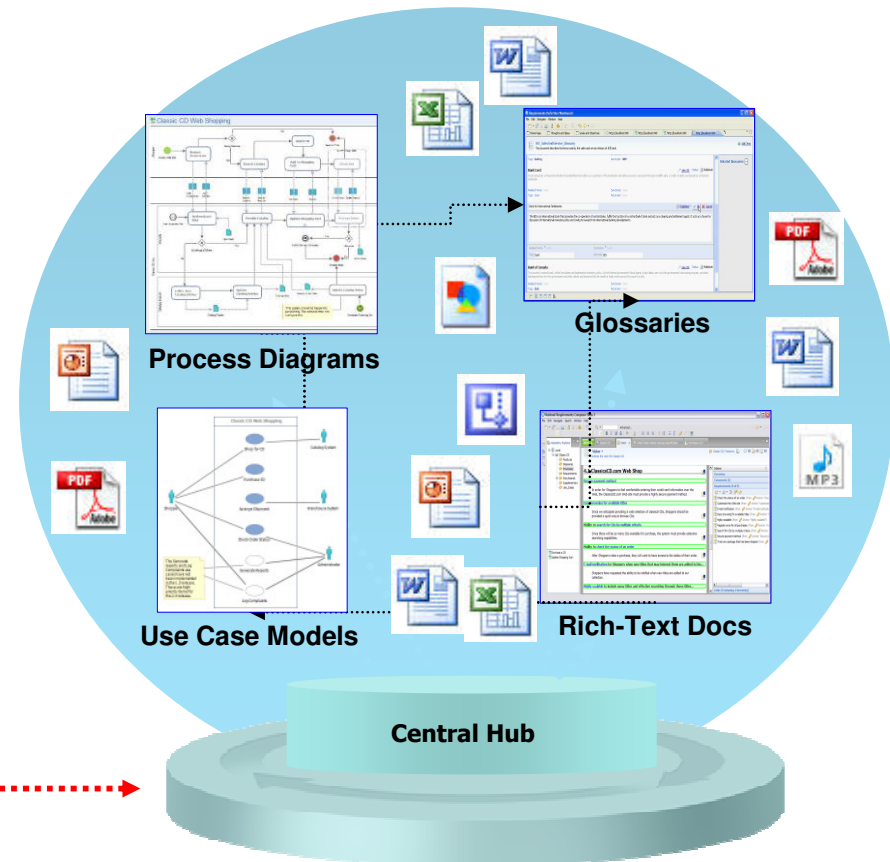


Was ist Rational Requirements Composer ?

Brücke zwischen den Informations-Inseln



- Es gibt die **unterschiedlichsten Artefakte**
- Viele Werkzeuge, Formate und Repositories bilden **Informations-Inseln**
- Eine großes **erweitertes Team** ist an der Anforderungsdefinition beteiligt

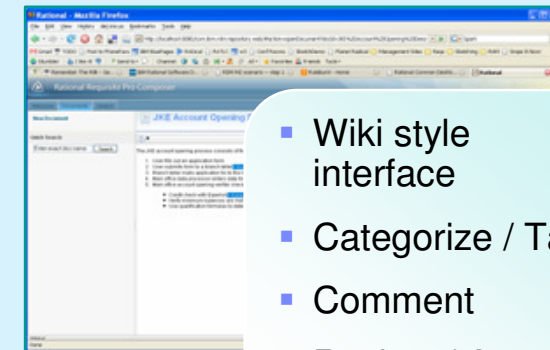
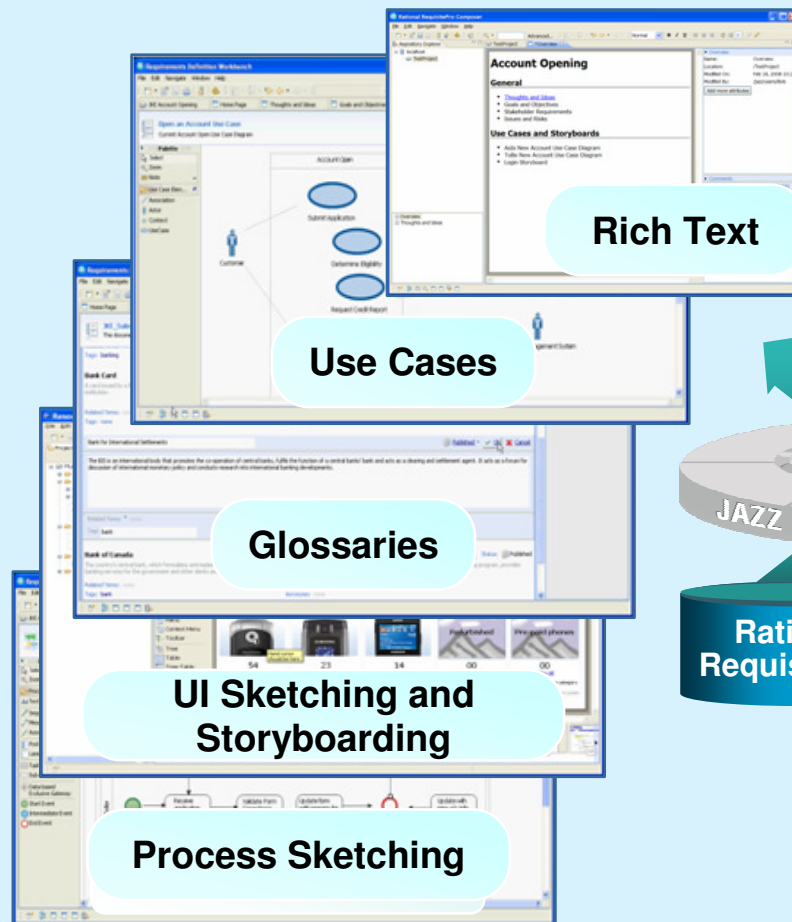


Was macht Rational Requirements Composer ?

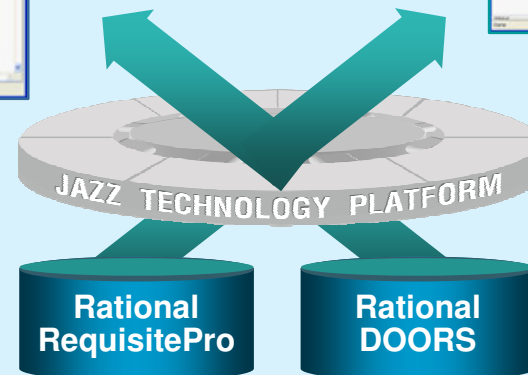
Rational Requirements Composer

Rich Authoring Environment

Web Review and Approval

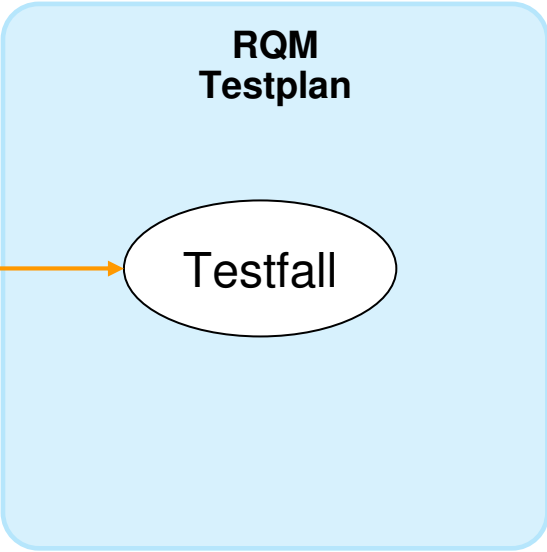
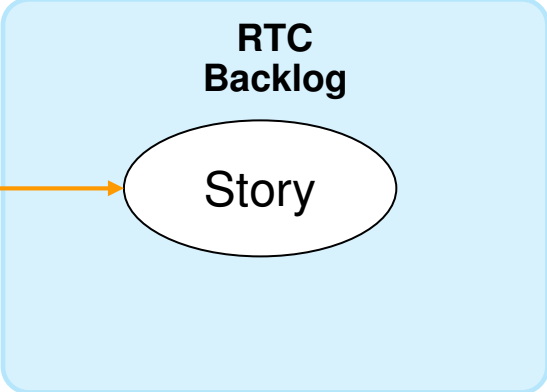
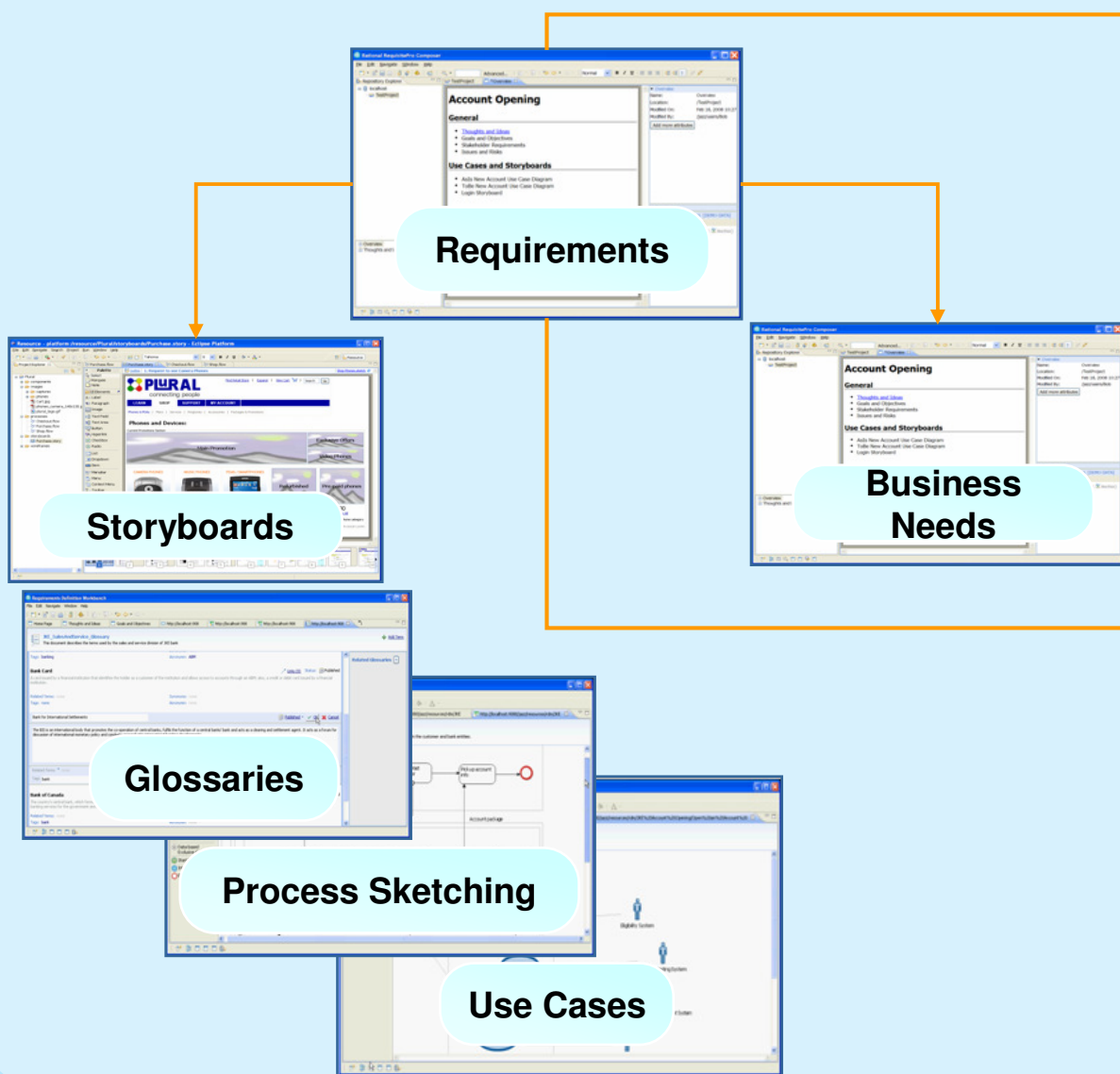


- Wiki style interface
- Categorize / Tag
- Comment
- Review / Approve



- *Bessere Stakeholder-Einbindung durch visuelle Notationen*
- *Schnellere Konvergenz zu den "richtigen" Anforderungen*
- *Höhere Präzision der Anforderungen liefert bessere Projektergebnisse*

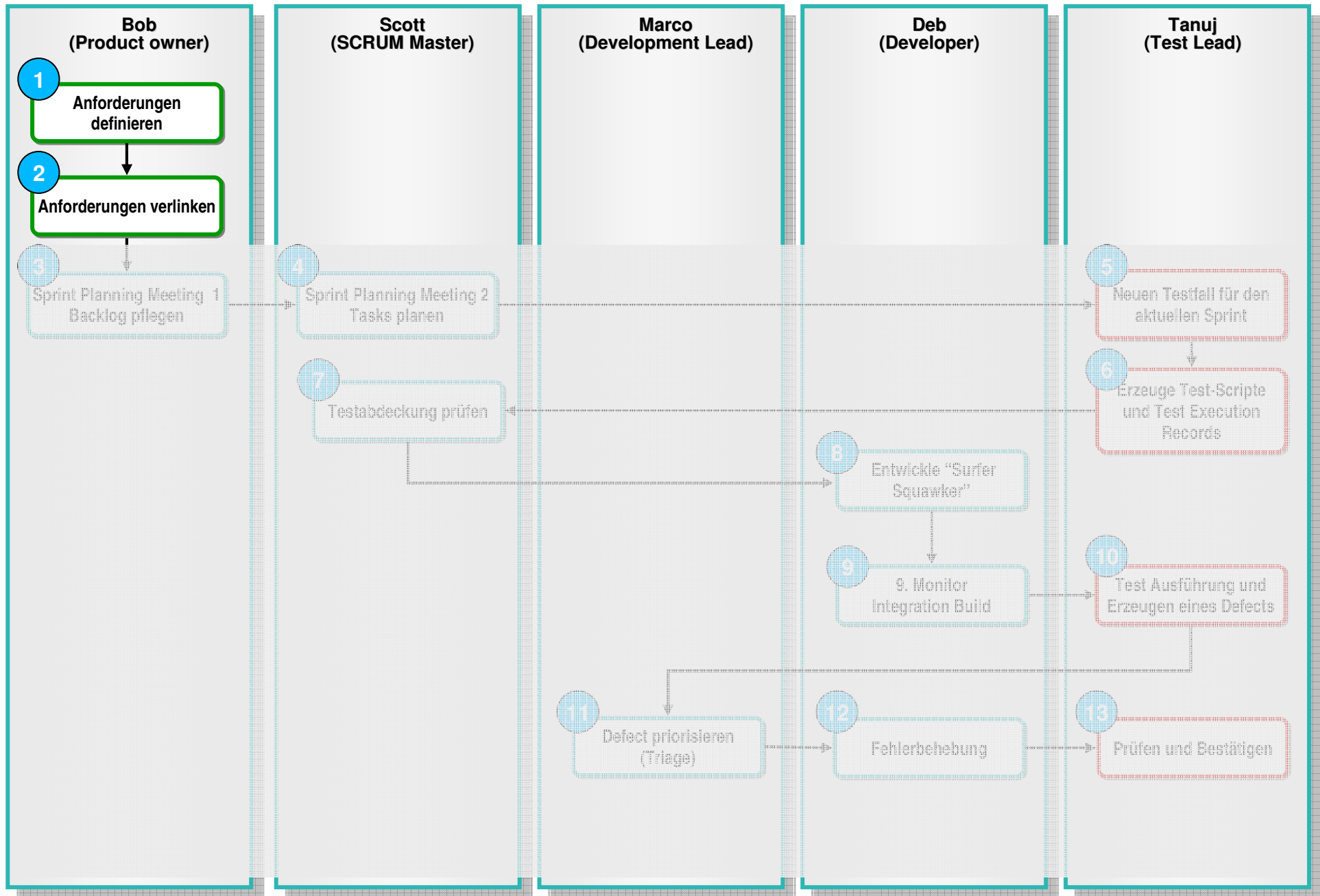
Rational Requirements Composer

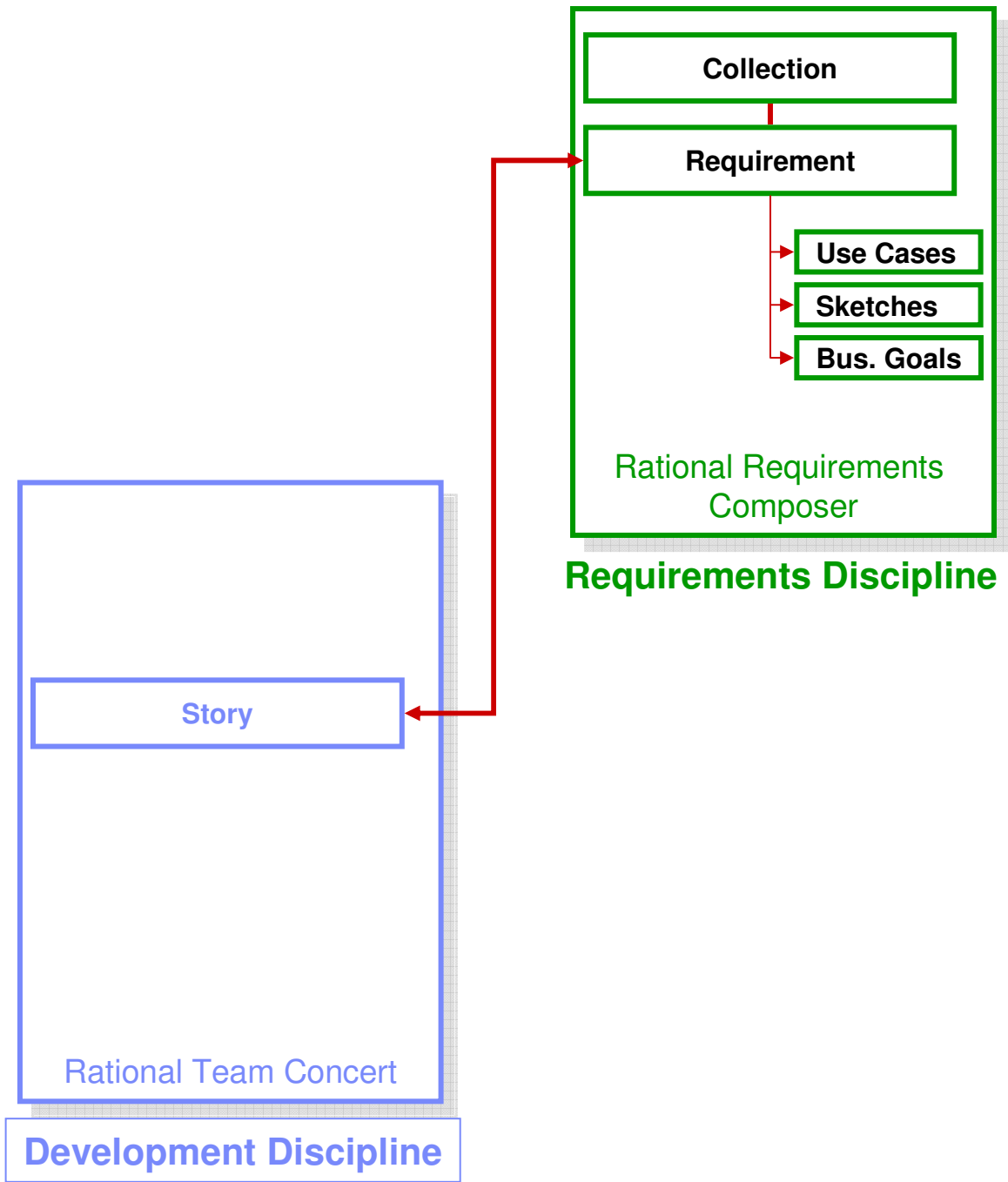


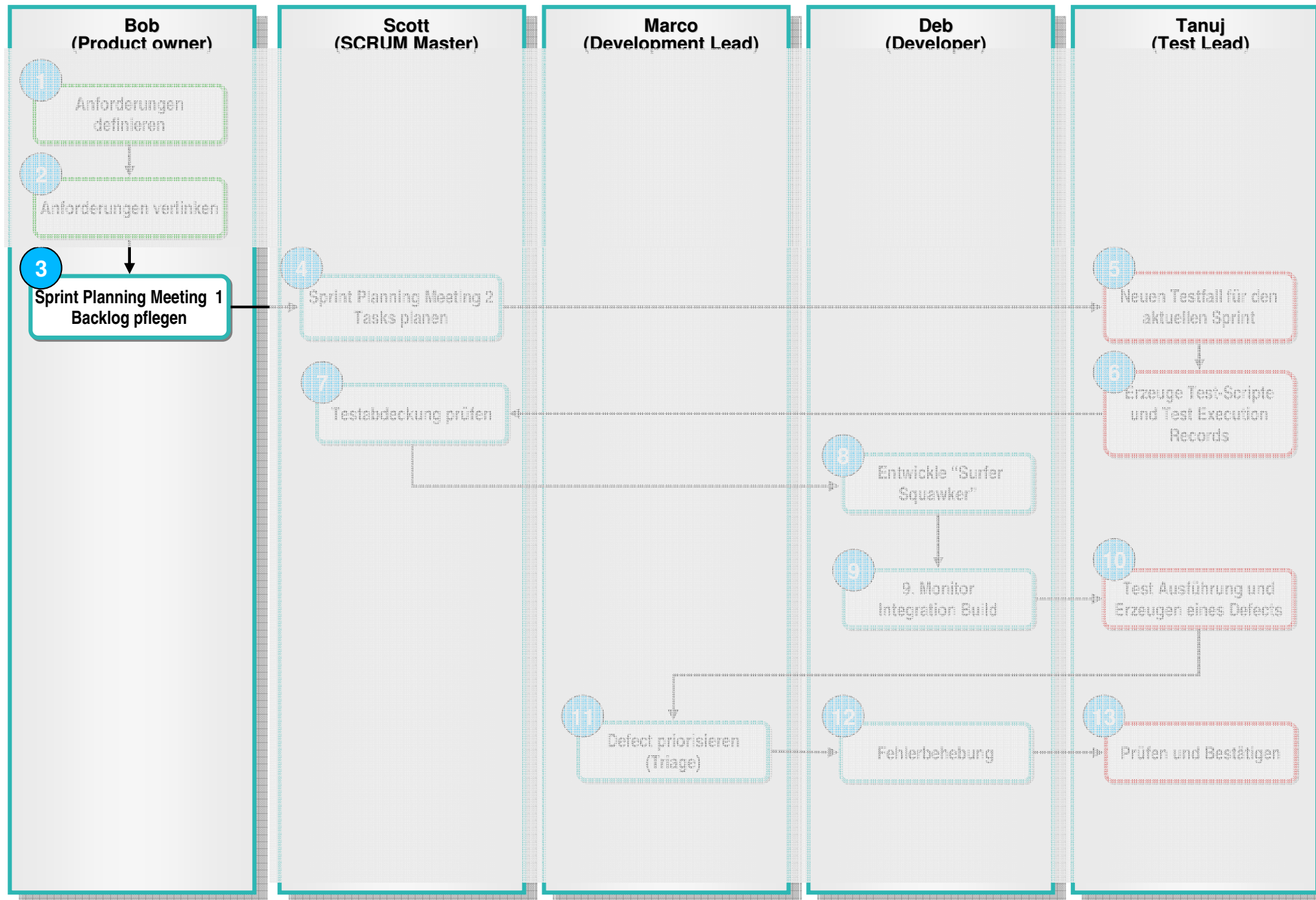


Demo Schritte 1 und 2

Demo



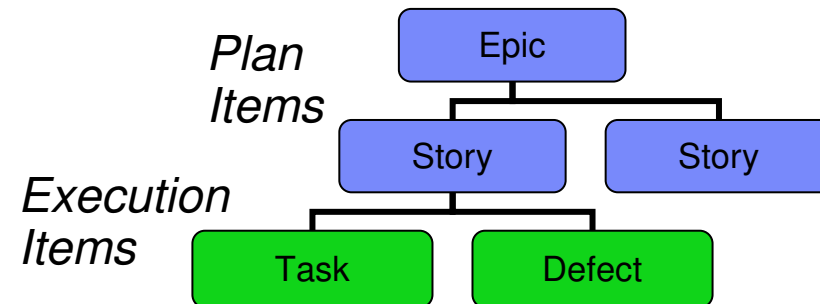




Plan- und Execution-Items

- RTC erlaubt Konfiguration von u.a.:

- ▶ Work Items
- ▶ Workflows



- Work-Items haben zwei Grundtypen:

- ▶ Execution-Item (Tasks)
Maßzahlen: Arbeitsaufwand (Tage, Stunden)
- ▶ Plan-Item: (Stories)
Maßzahl: Komplexität (Story Points)

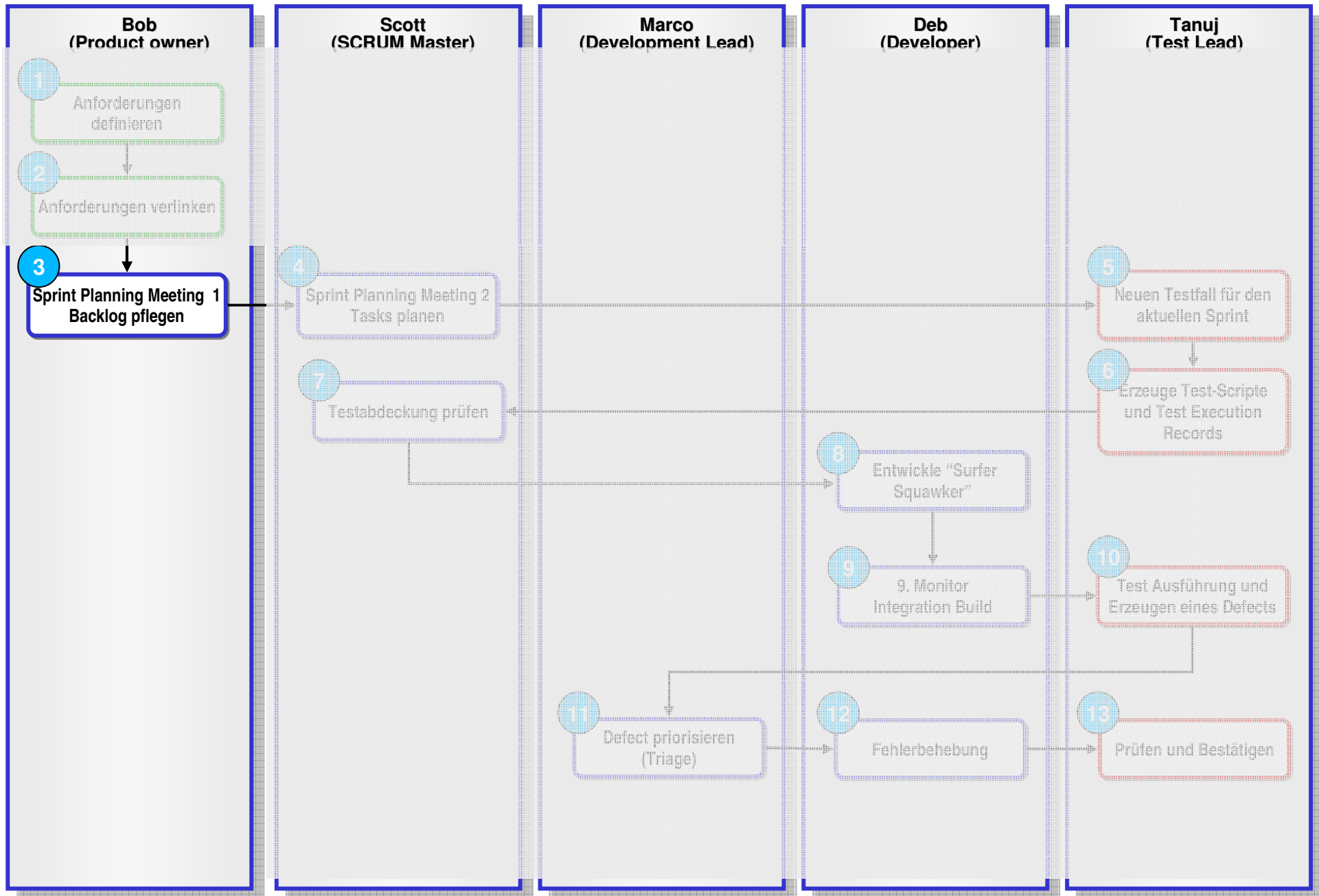
The screenshot shows the 'Configuration' tool interface. On the left, a tree view lists various configuration categories. The 'Top-Level Work Item Type' option is highlighted with a red box. On the right, the 'Top-Level Work Item Types' configuration panel is visible, showing a list of item types with checkboxes. The 'Epic' and 'Story' checkboxes are checked, while others are unchecked.

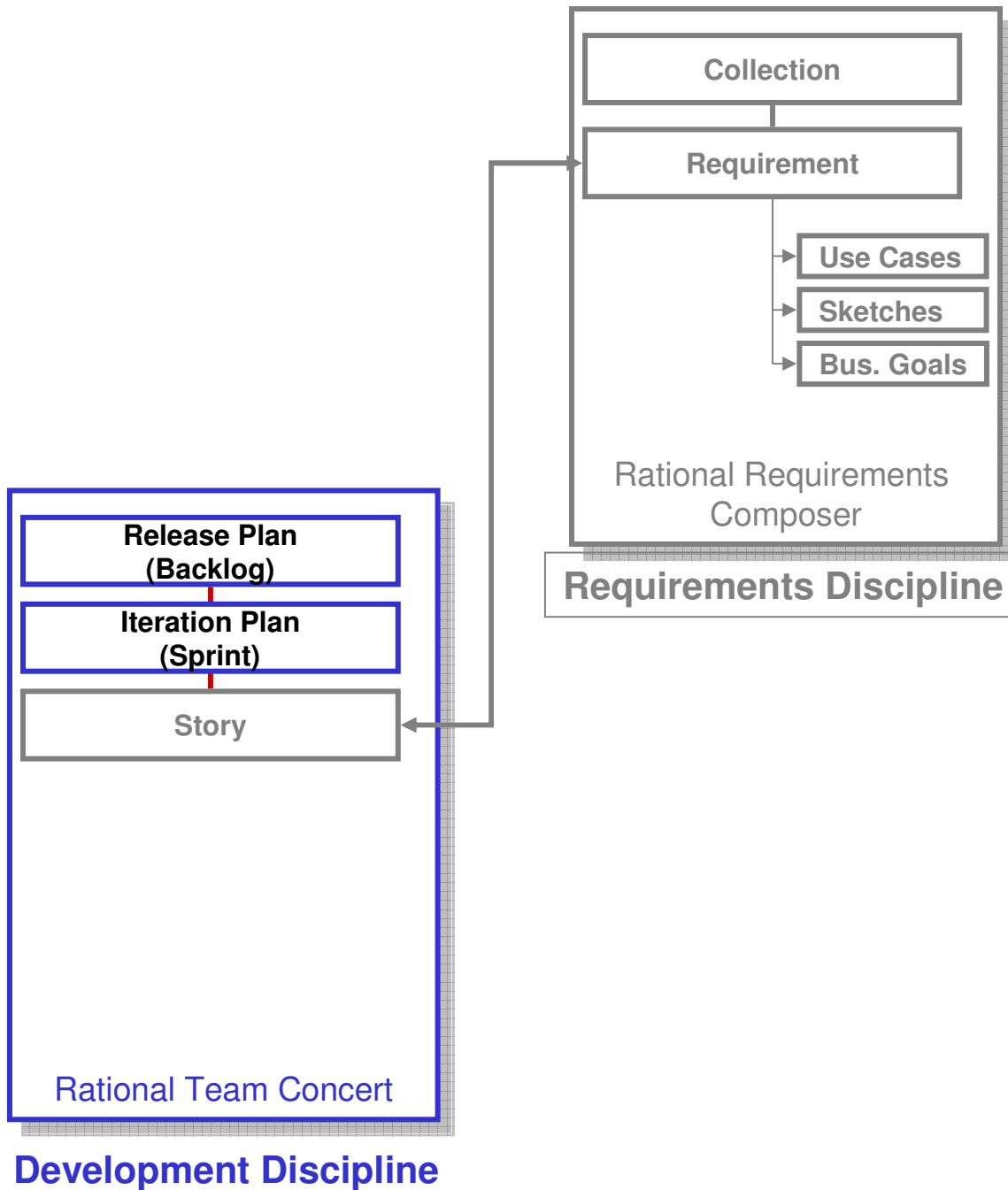
Top-Level Work Item Types
<input type="checkbox"/> Adoption Item
<input type="checkbox"/> Defect
<input checked="" type="checkbox"/> Epic
<input type="checkbox"/> Impediment
<input type="checkbox"/> Retrospective
<input checked="" type="checkbox"/> Story
<input type="checkbox"/> Task
<input type="checkbox"/> Track Build Item



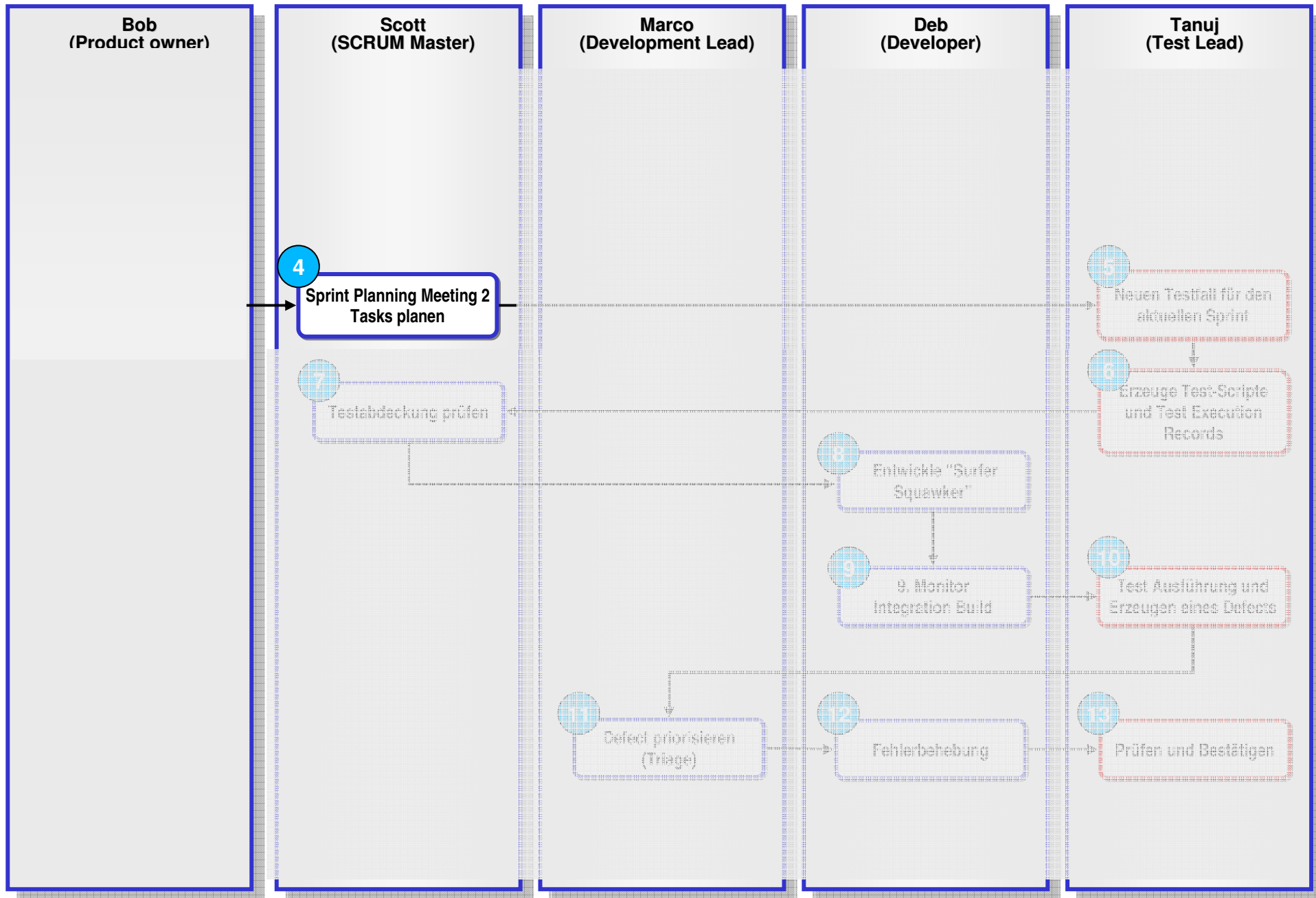
Demo Schritte 3

Demo



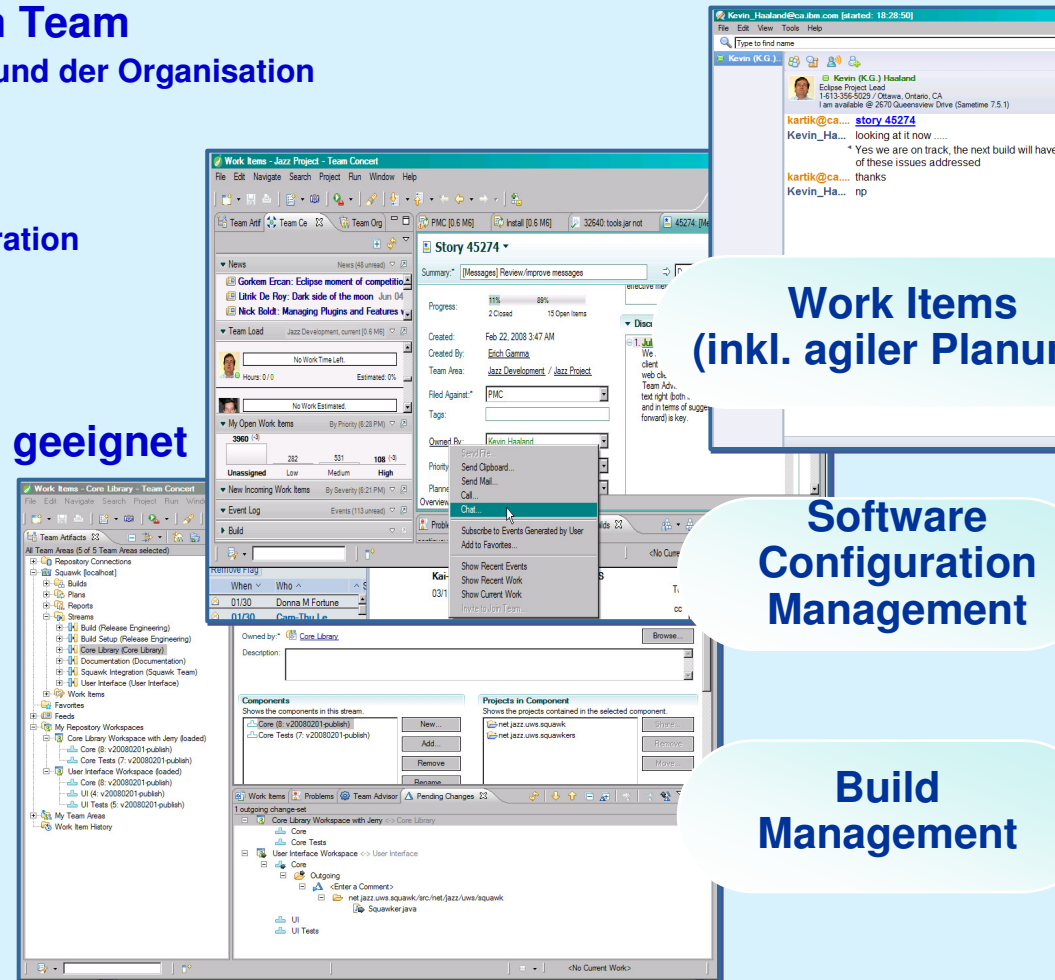


Development Discipline



Warum Rational Team Concert ?

- **Unterstützt die Entwicklung im Team**
 - Effizienz des Individuums, des Team und der Organisation
- **Führt Projektteam zusammen:**
 - Aufgabenverwaltung und -planung
 - Versionierung und Software Konfiguration
 - Build Management
 - Reporting und Dashboards
 - Kommunikation
- **Für unterschiedliche Prozesse geeignet**
 - Agil und konventionell
 - Anpassbare Templates
- **Nachvollziehbarkeit und Transparenz**
 - Verlinkung der Artefakte des Entwicklungsprozesses
- **Plattformübergreifend:**
 - Sprachen: Java, J2EE, C, C++, C#, Cobol, PL1, EGL
 - Distributed: Linux, Unix, AIX
 - Zentral: Host (RDz Integration)
 - PC: .Net (MS Visual Studio Integration)



Work Items
(inkl. agiler Planung)

Software
Configuration
Management

Build
Management

Was kann Rational Team Concert ?

Iterationsplanung

- Integrierte Iterationsplanung
- Fortschrittskontrolle
- Vordefinierte Schablonen für agile Prozesse(SCRUM..)

Projekt-Transparenz

- Wikis
- Anpassbare Dashboards und Reports
- Aktueller Status
- Vordefinierte Schablonen und Muster

SCM

- Integriertes Konfigurationsmanagement
- Sofort einsatzbereit
- Anpassbar
- ClearCase Konnektor

Work Items

- Vordefinierte und frei definierbare Typen
- Freigabeverfahren (4-Augen-Prinzip)
- Angehängte Diskussionsbeiträge
- ClearQuest Konnektor

Build

- Nachverfolgbarkeit
- Flexible Build-Definitionen
- Lokale oder entfernte Build-Server
- Integration von Ant, Maven und Kommandozeilen-Tools
- Integration mit Build Forge

Jazz Team Server

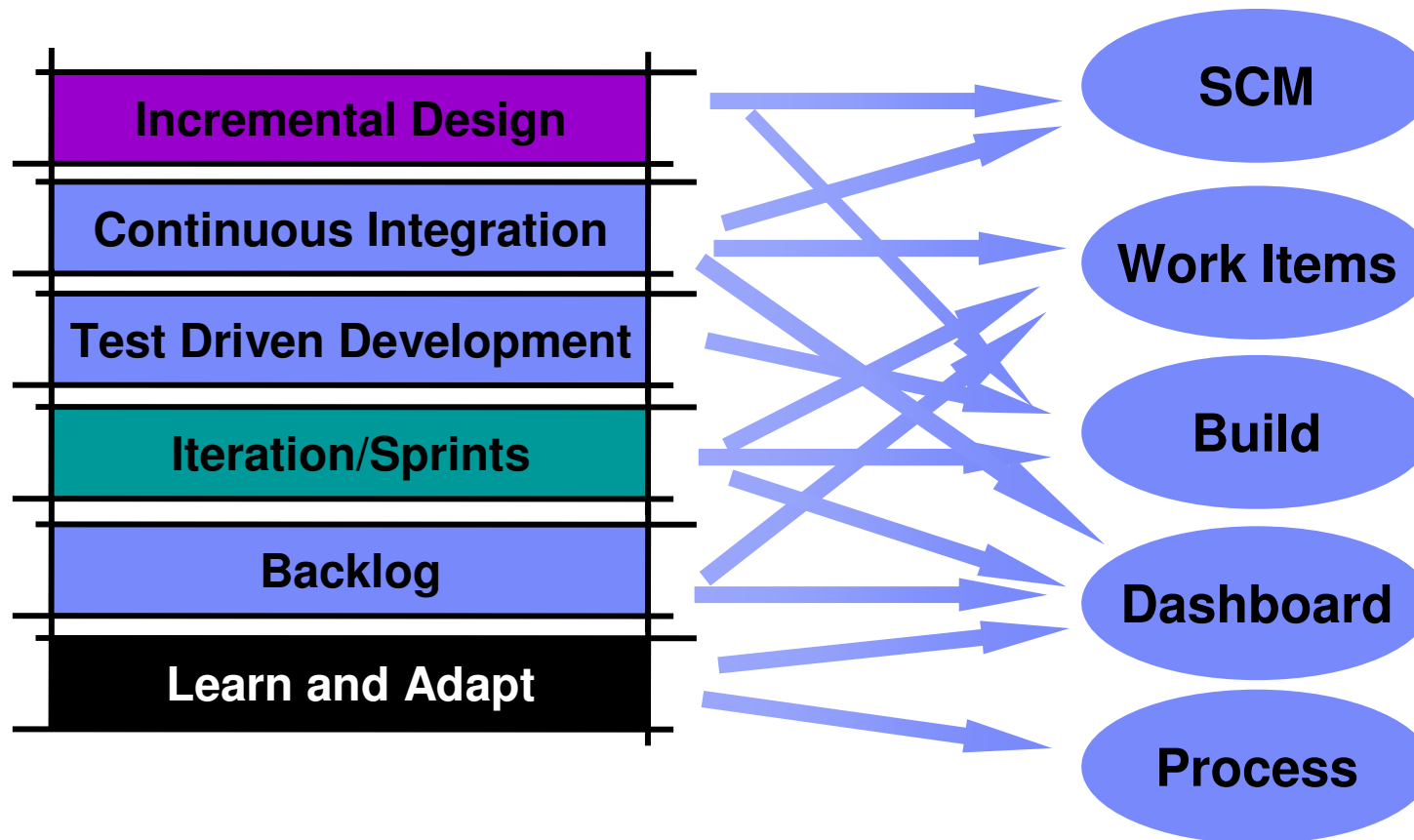
Repository für den gesamten Application Lifecycle

Teamfähigkeit

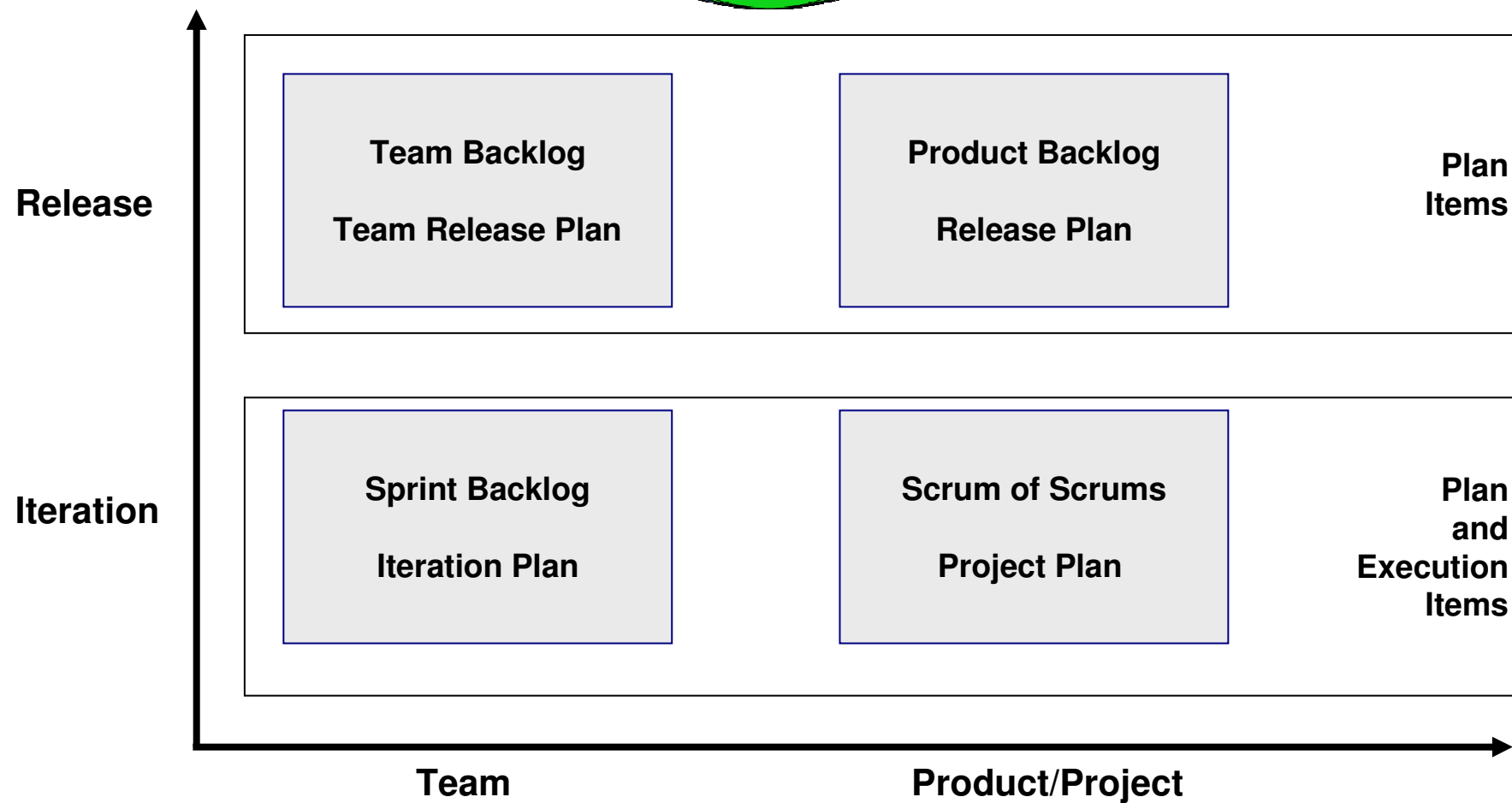
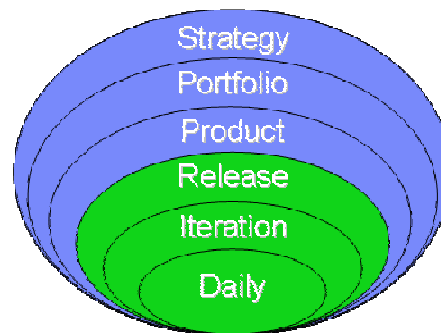
Prozessumsetzung

Zusammenarbeit im Kontext

Wie agil ist Rational Team Concert ?



Plan-Typen

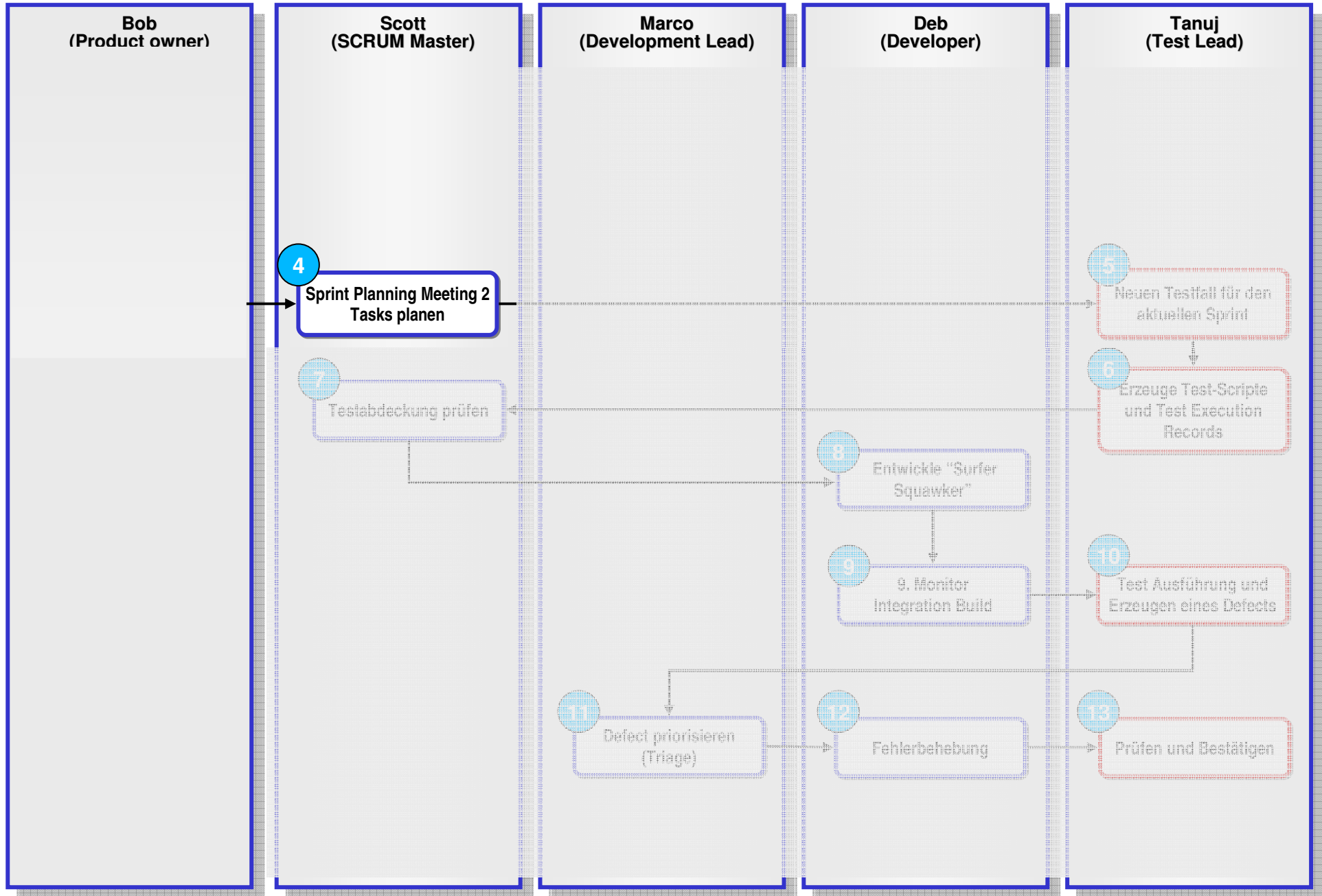


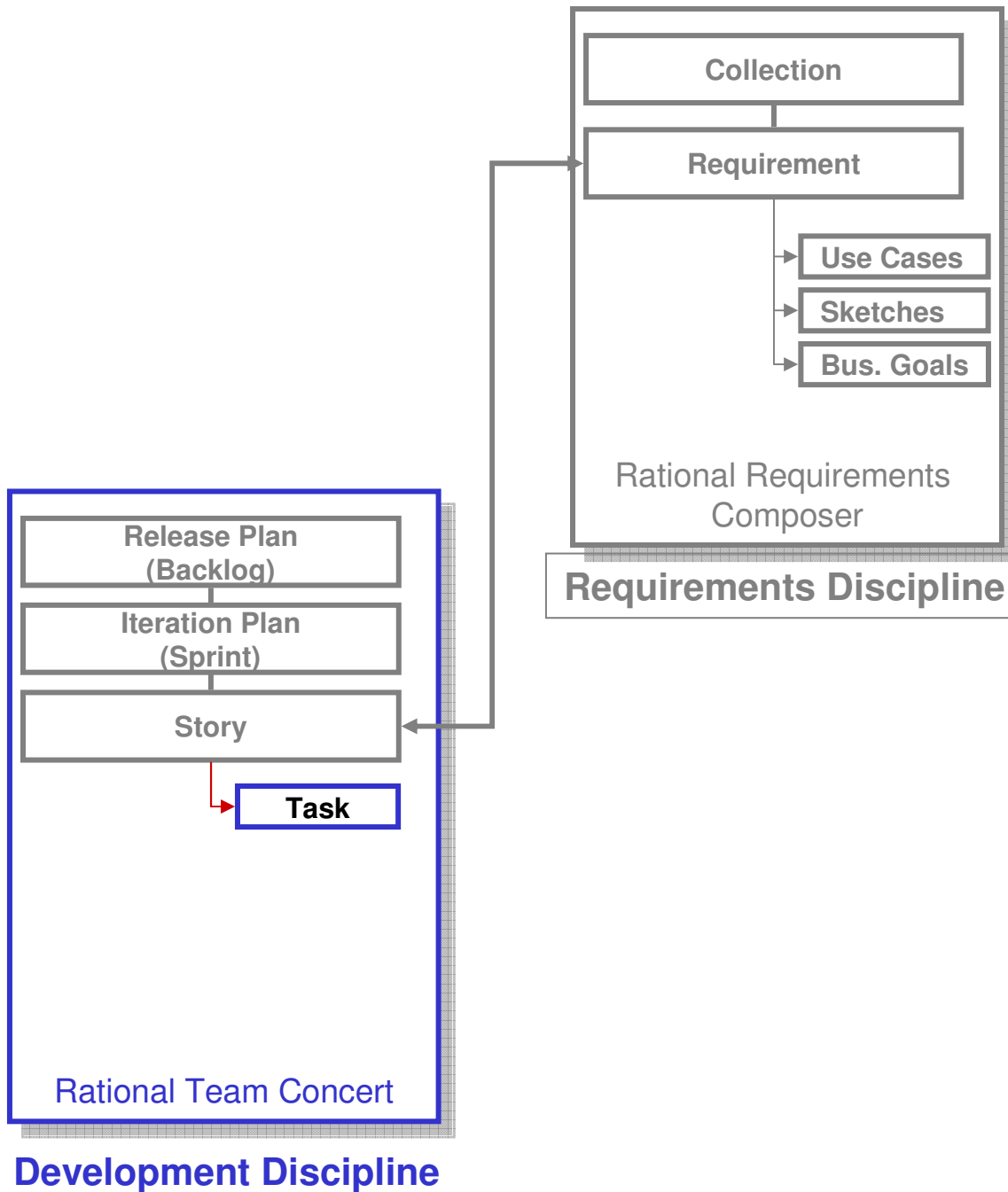


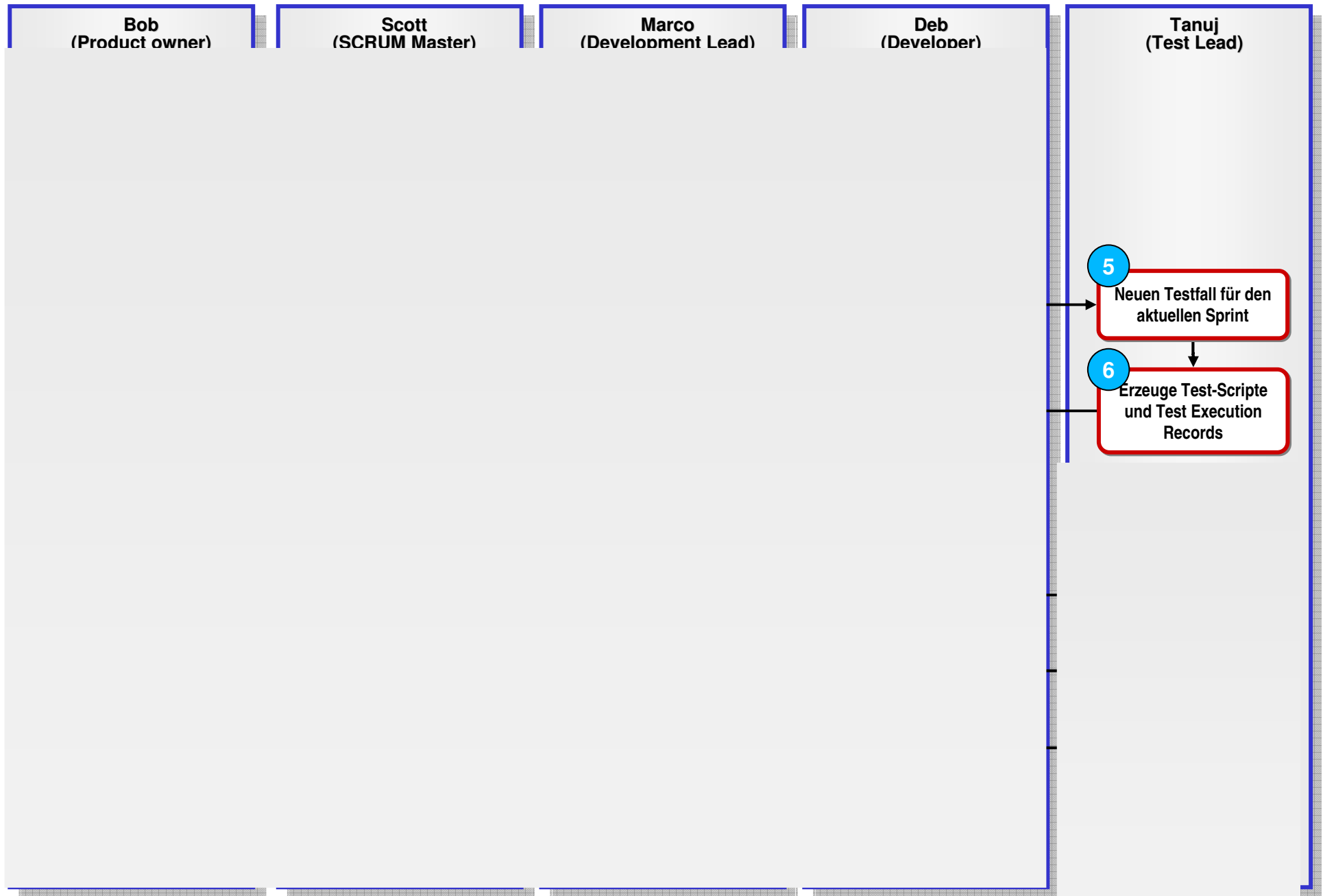
Demo Schritte

4

Demo

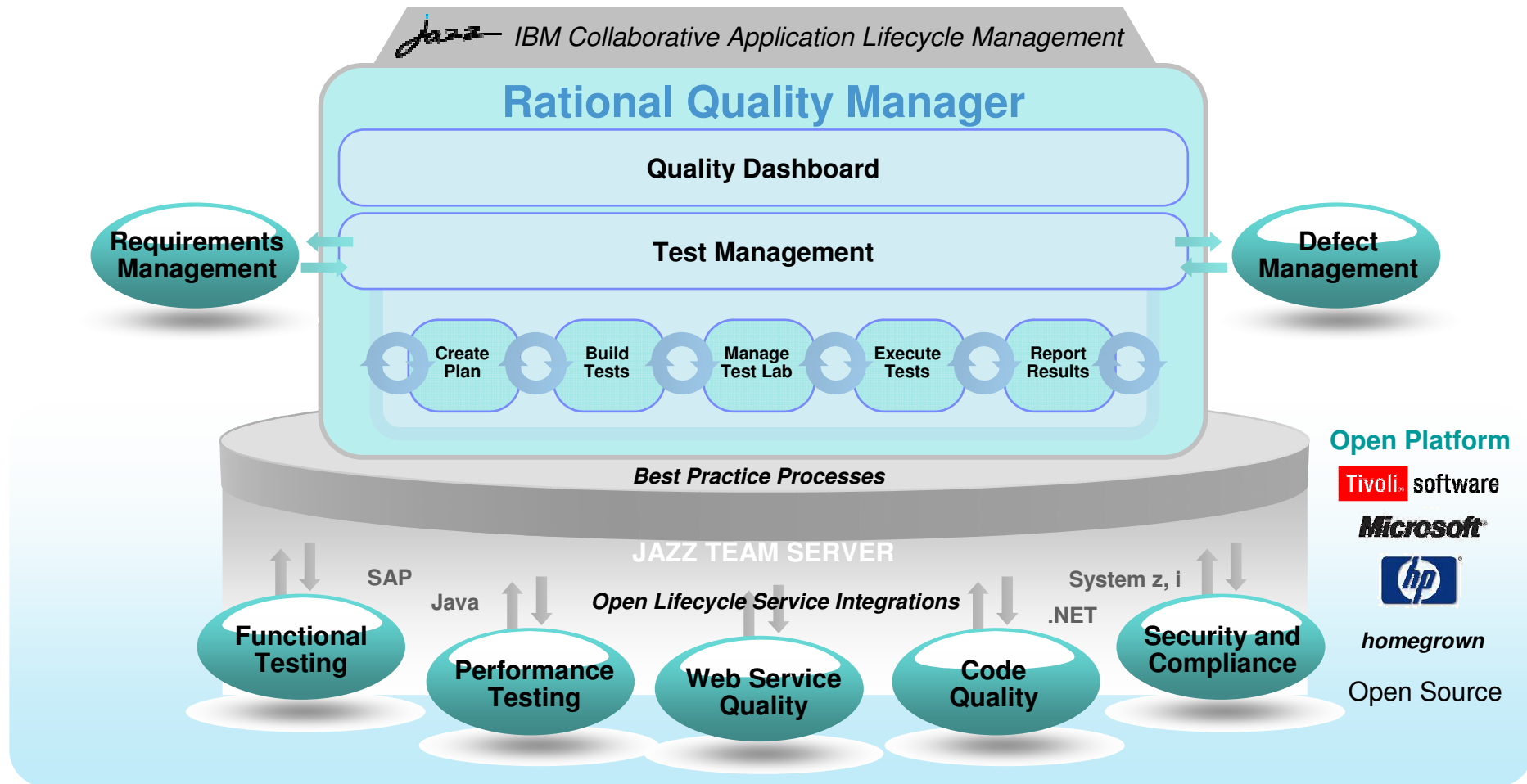






Was ist Rational Quality Manager ?

Zentralisiertes Testmanagement für den vollen Testzyklus für die verschiedensten Testverfahren und -umgebungen



Warum Rational Quality Manager ?

Umfassendes Qualitätsmanagement durch Integration der relevanten Daten

- ✓ Vom übergreifenden Qualitätssicherungsplan bis zu den Testscripts
- ✓ Automatisierte Abläufe ersparen Zeit und Arbeit und erhöhen die Testabdeckung
- ✓ Für Upstream und Downstream Qualitätssicherung

Integration der Testwerkzeuge und Testmaschinen

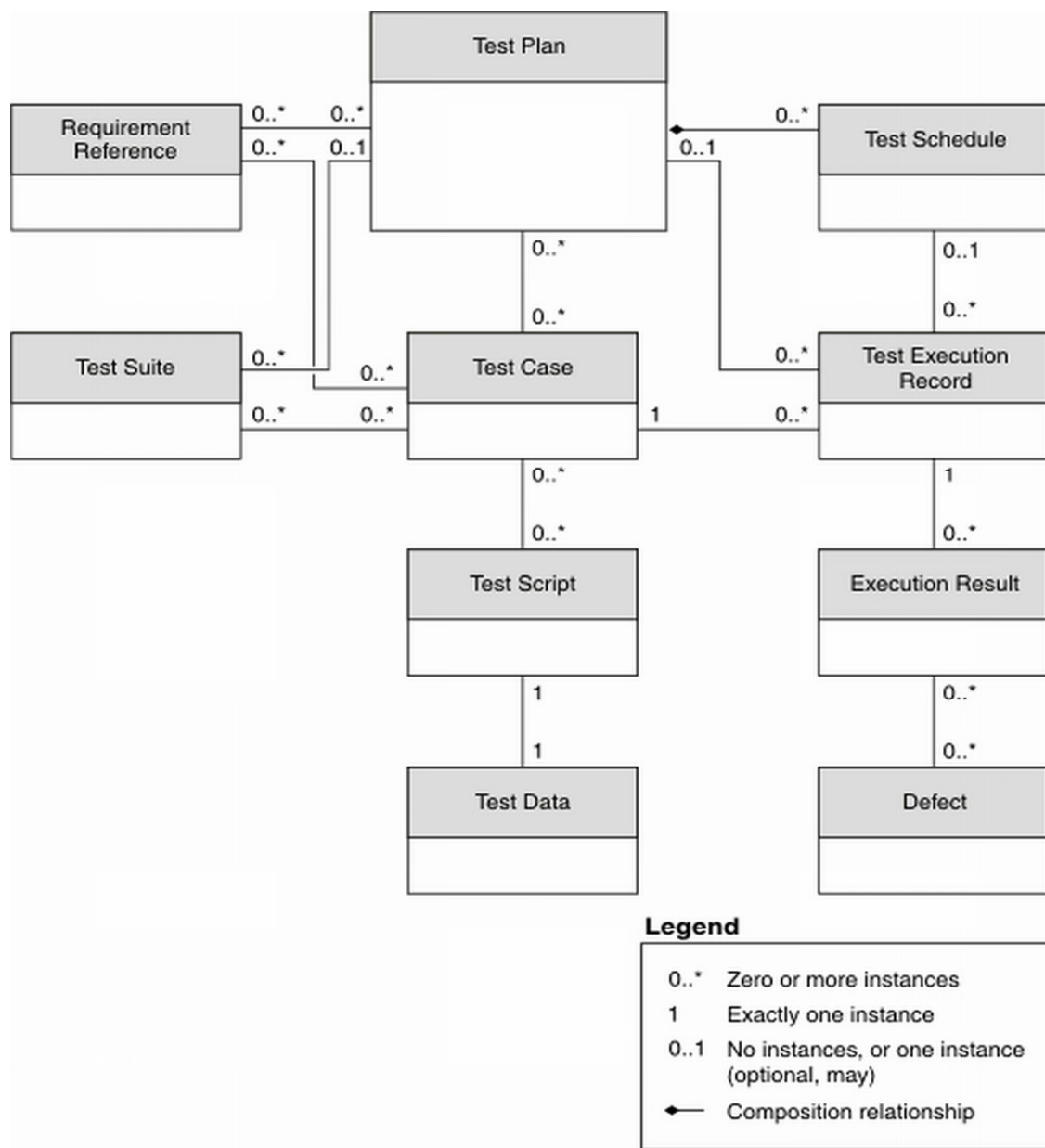
- ✓ Integriertes TestLab-Management erhöht die Auslastung der Maschinen
- ✓ Optimierte Testabdeckung für eine höhere Aussagekraft der Tests
- ✓ Integriert IBM und Nicht-IBM Testwerkzeuge für verschiedene Zielplattformen
System z, System i, SAP and .Net

Aussagefähige Reports und Dashboards

- ✓ Aktuelle Übersicht über den Qualitätsstatus im gesamten Projekt
- ✓ Reports unterstützen kontinuierliche Prozessverbesserung
- ✓ Proaktives Risk Management und Entscheidungsunterstützung



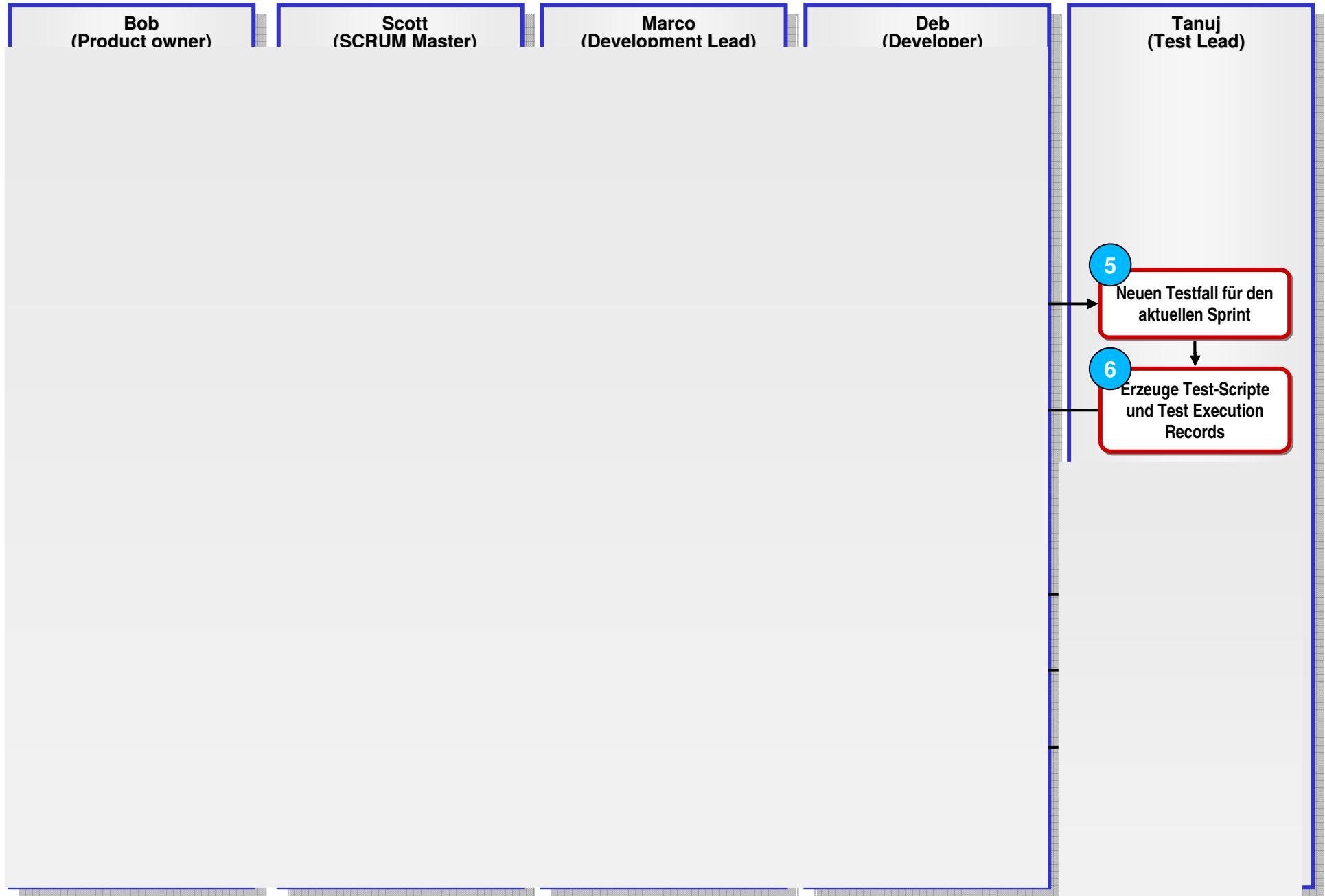
RQM Details

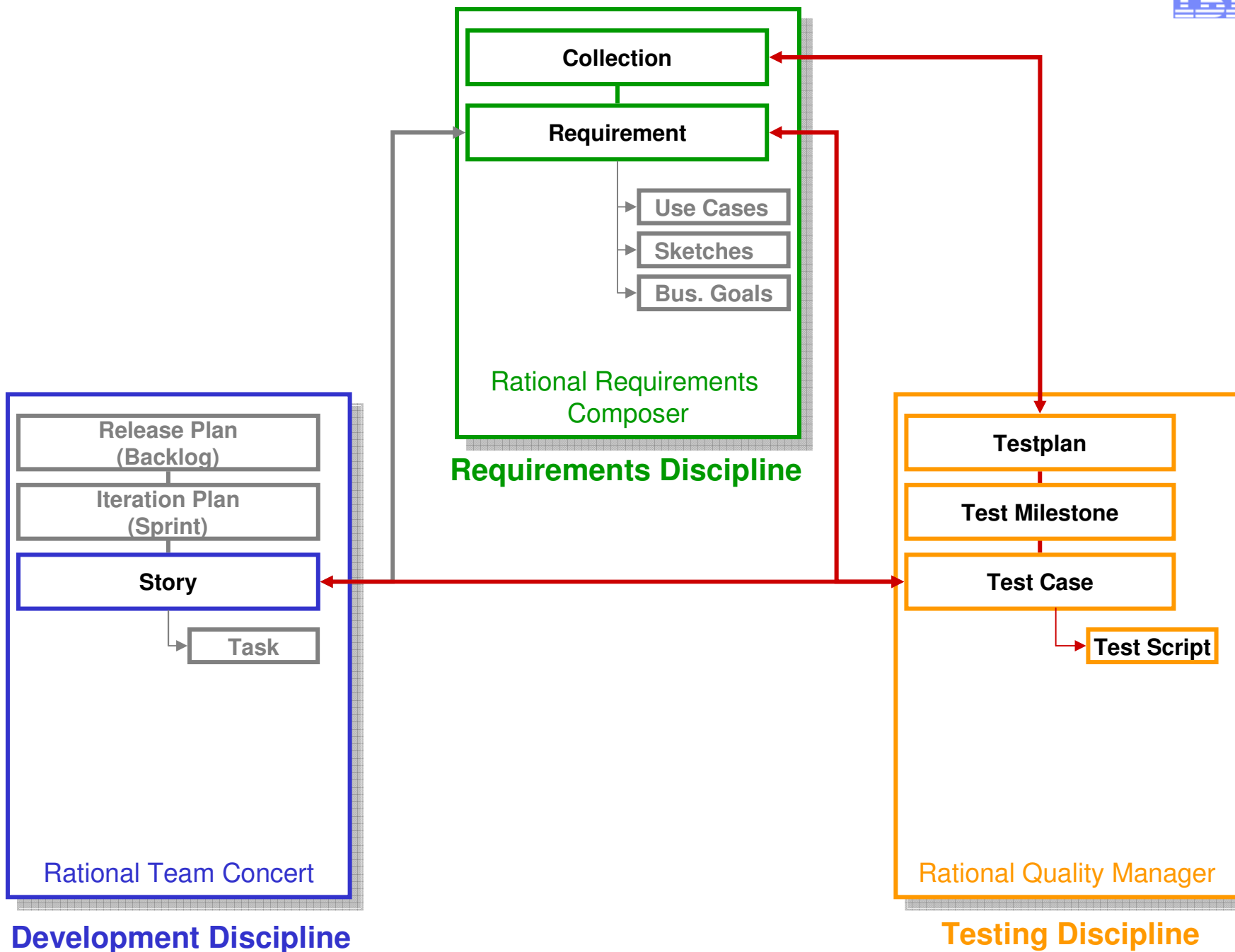




Demo Schritte 5 und 6

Demo

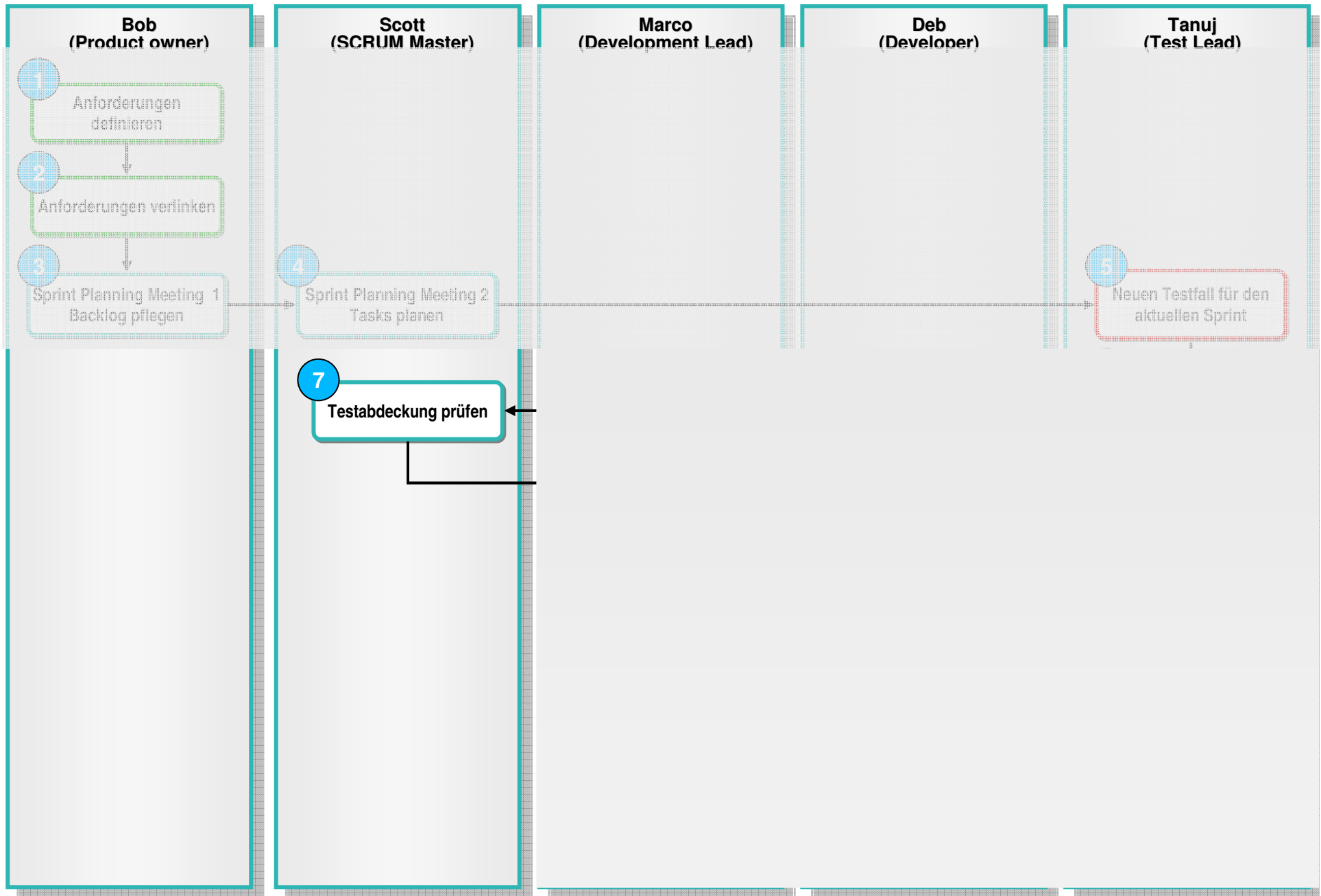




Development Discipline

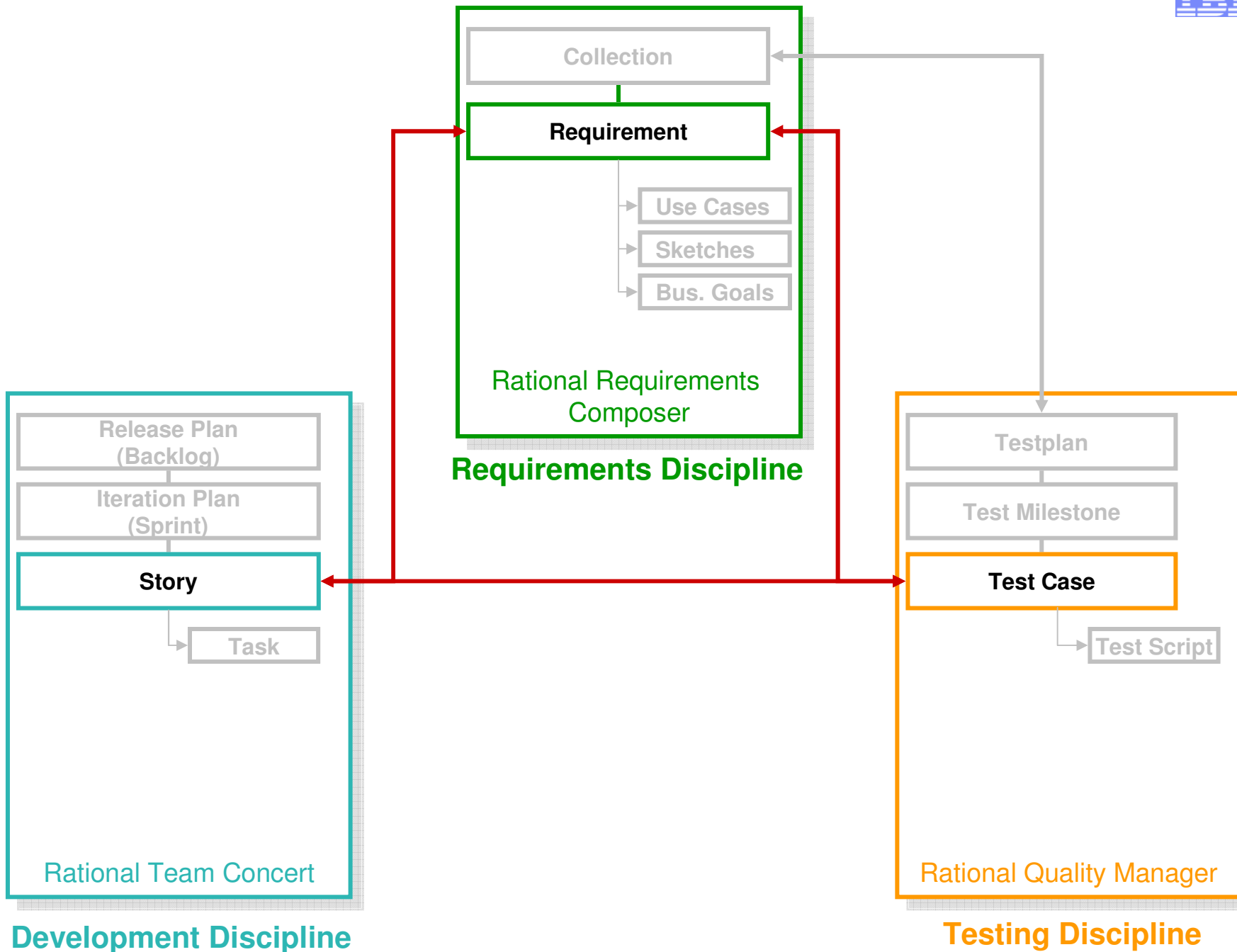
Testing Discipline

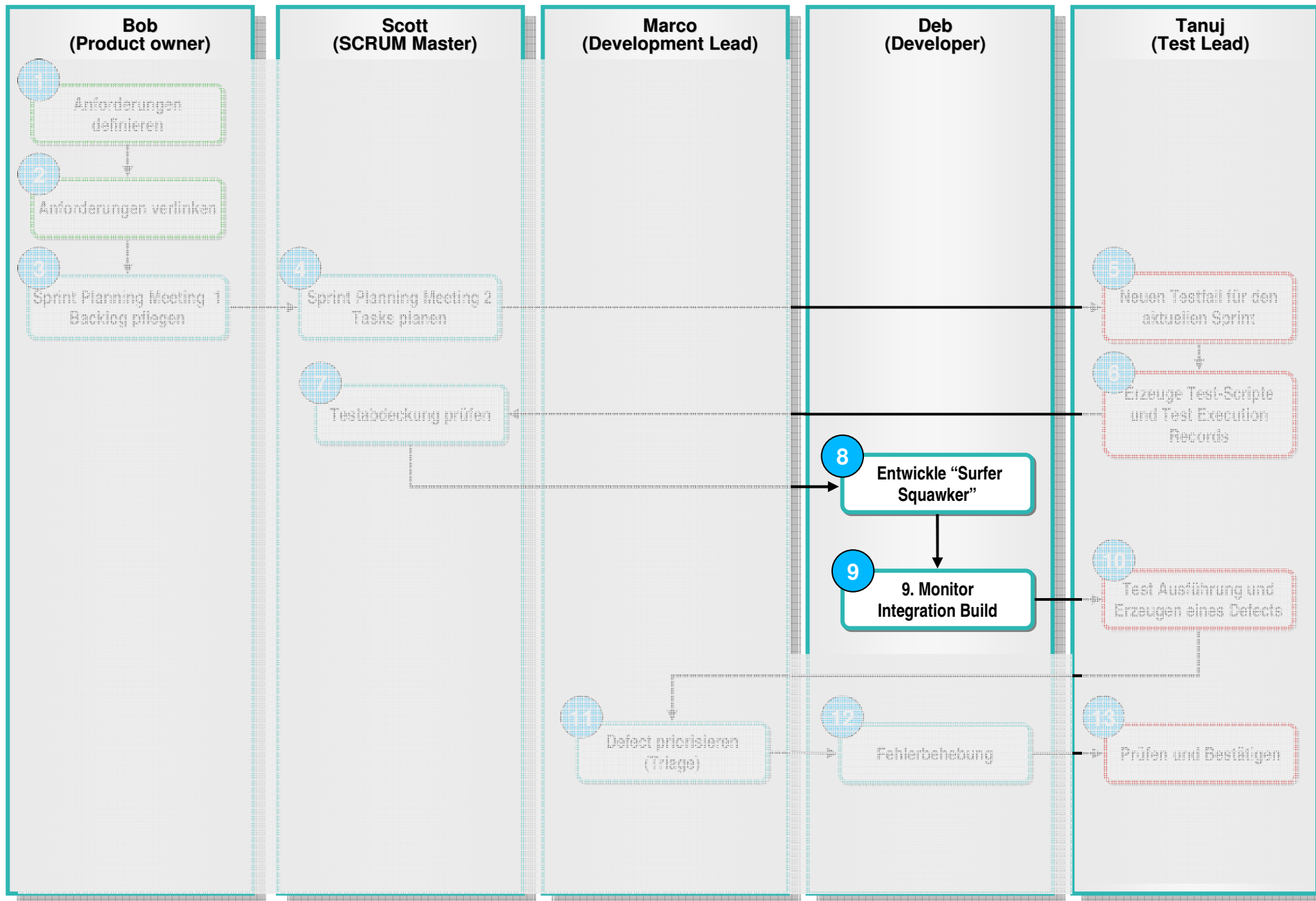
Demo



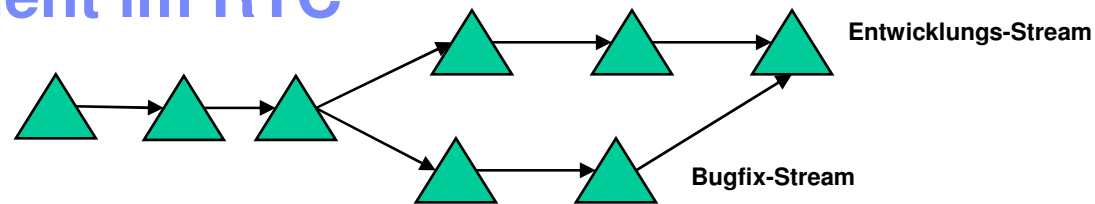


Demo Schritte 7

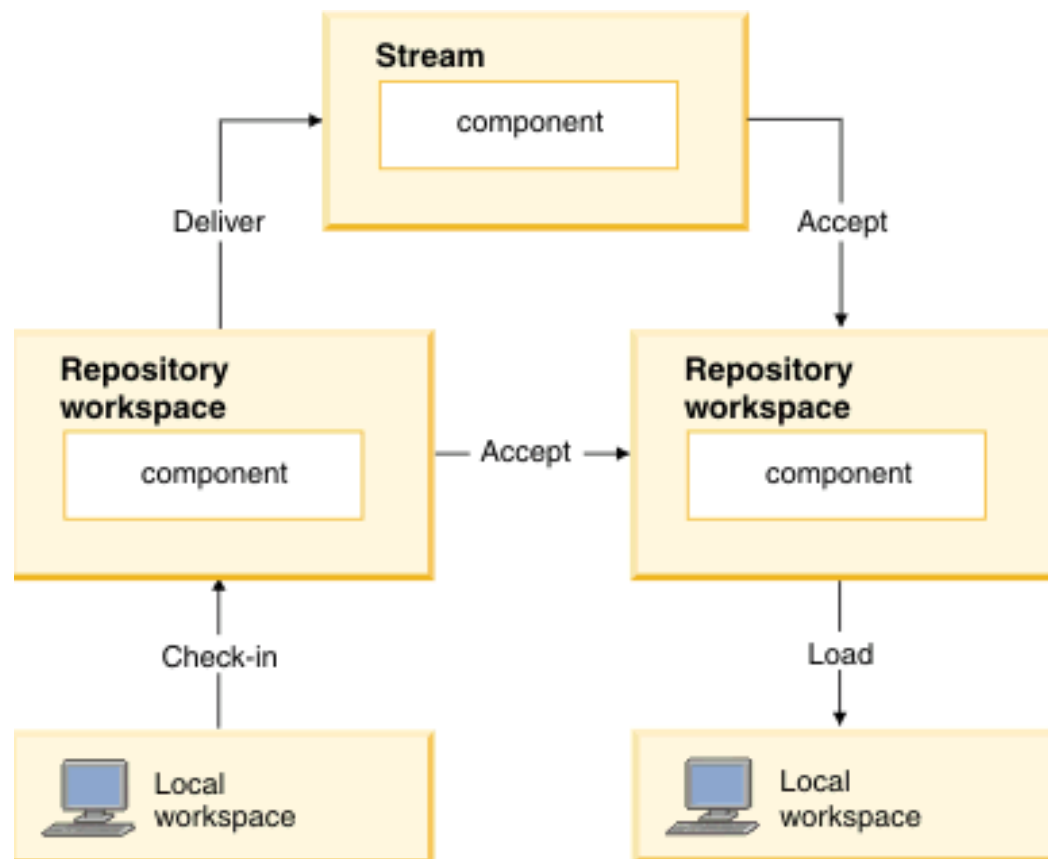




Konfigurationsmanagement im RTC



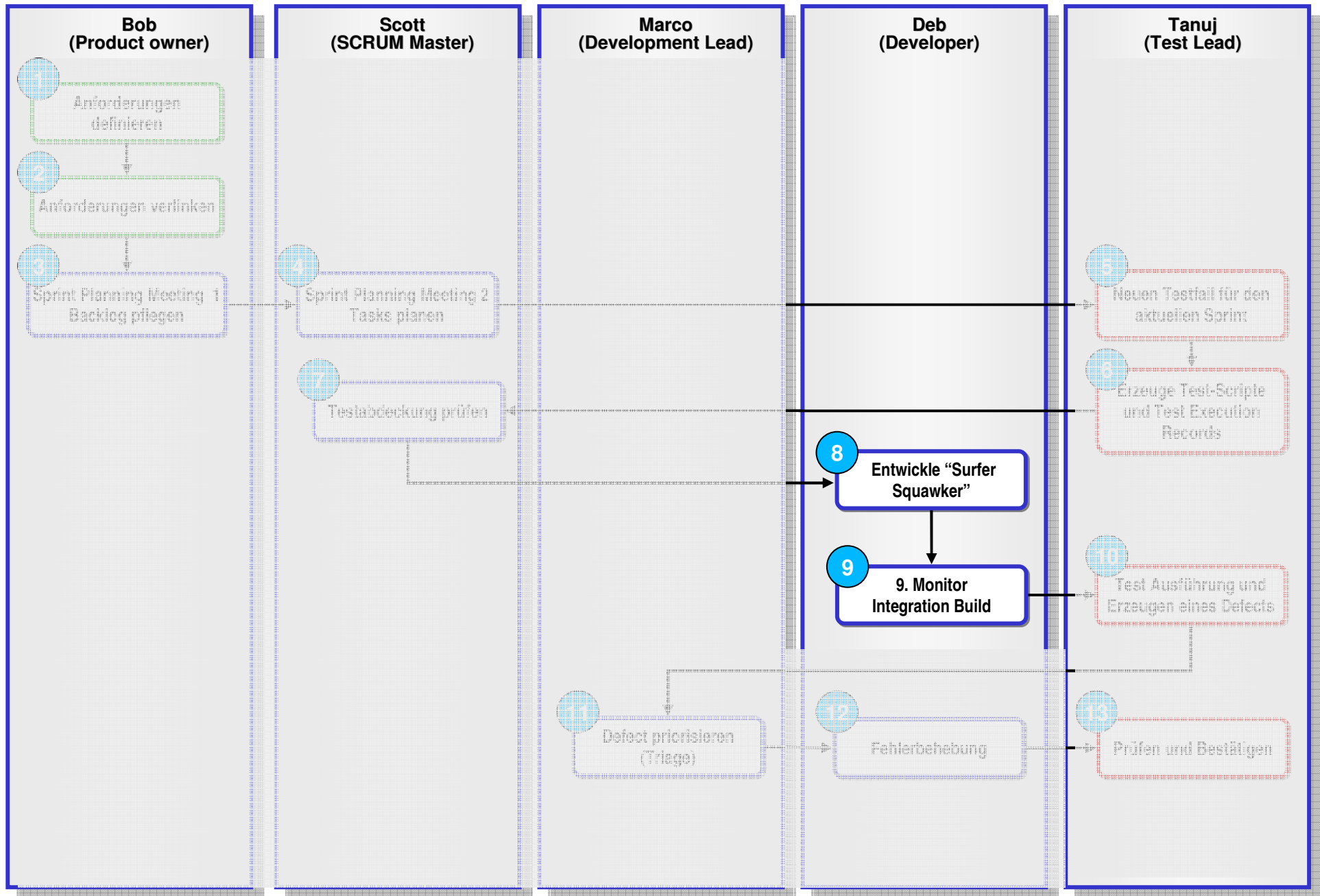
- **Workspace**
- **Change set**
- **Component**
- **Stream**

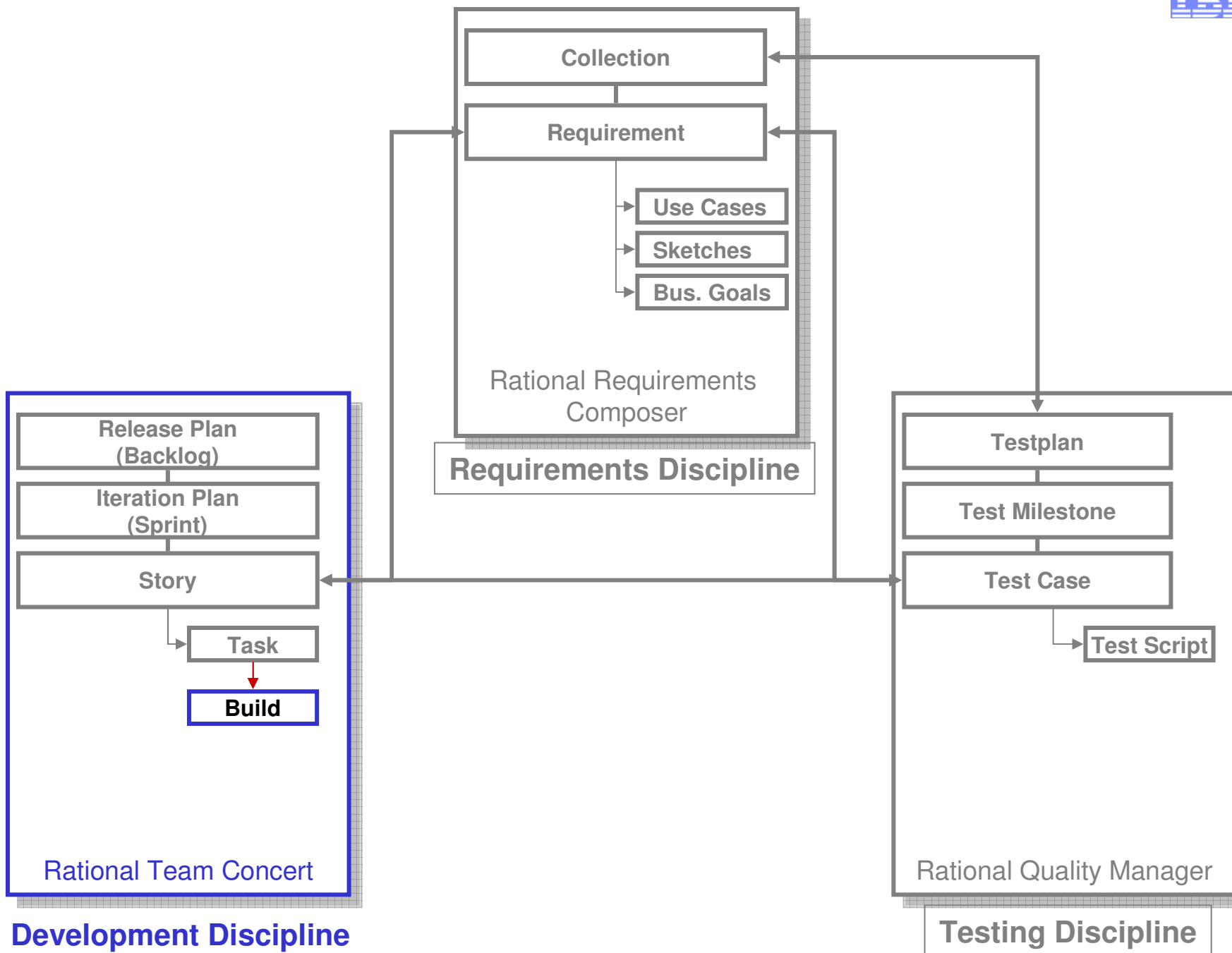




Demo Schritte 8 und 9

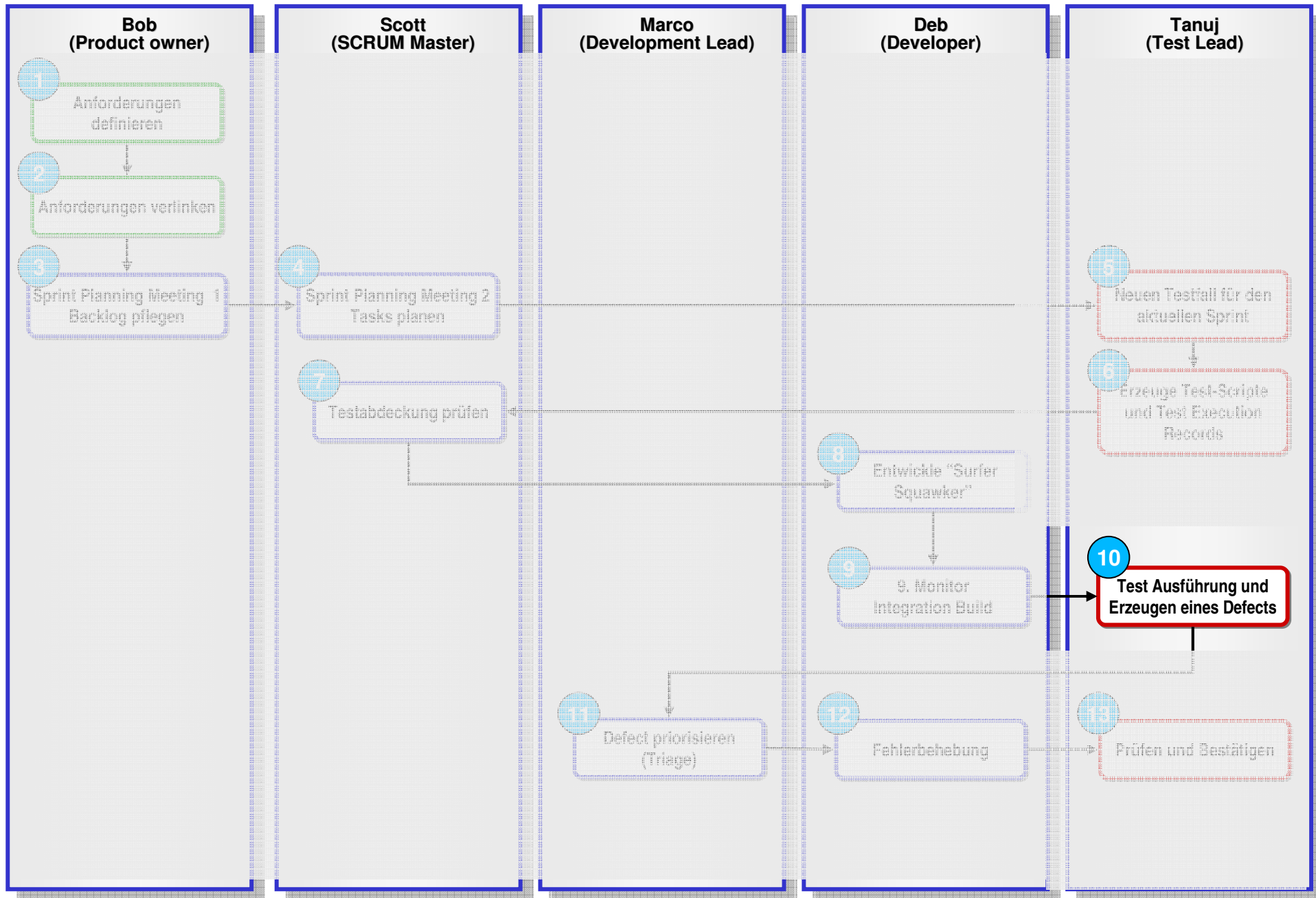
Demo





Development Discipline

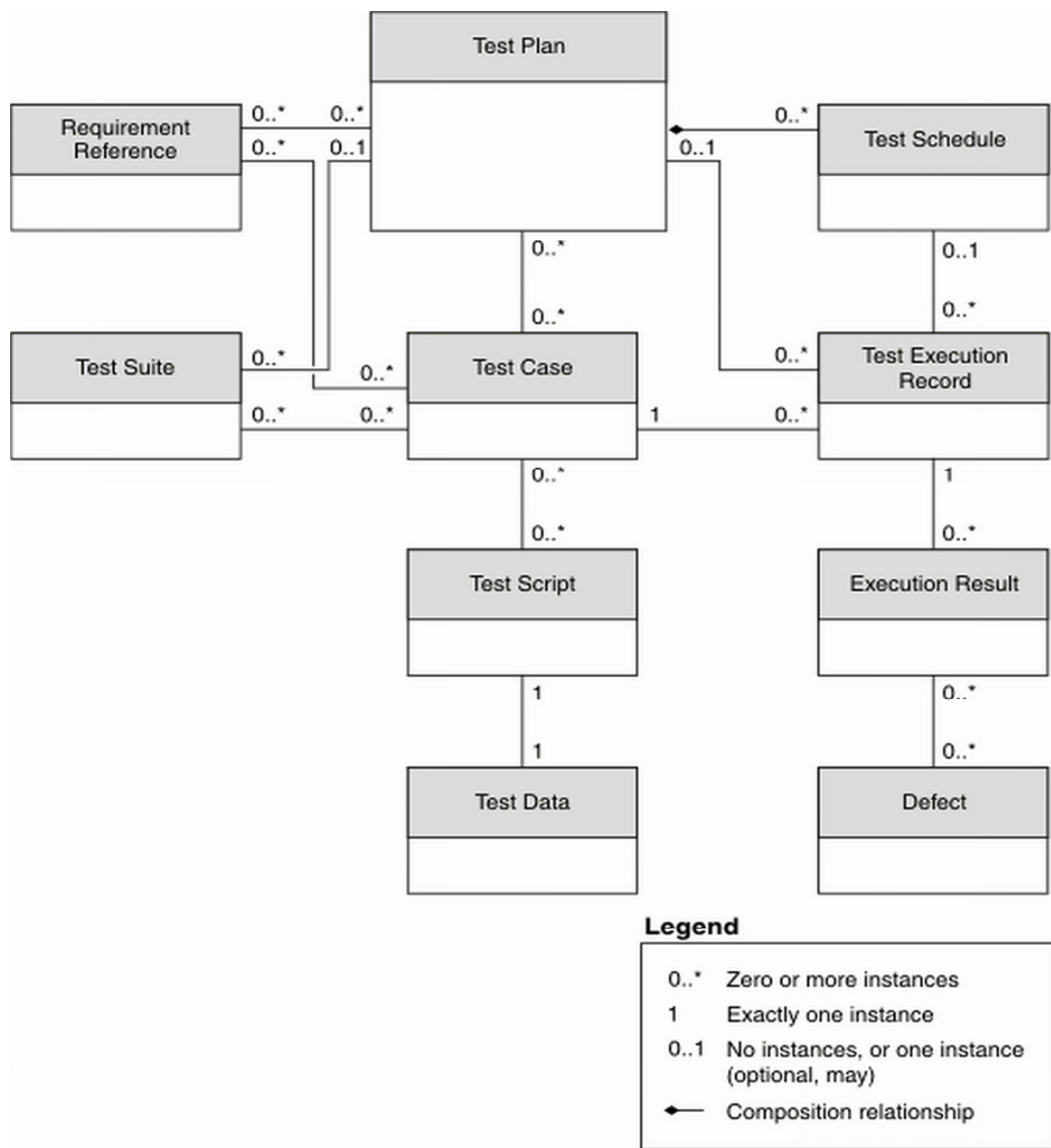
Testing Discipline



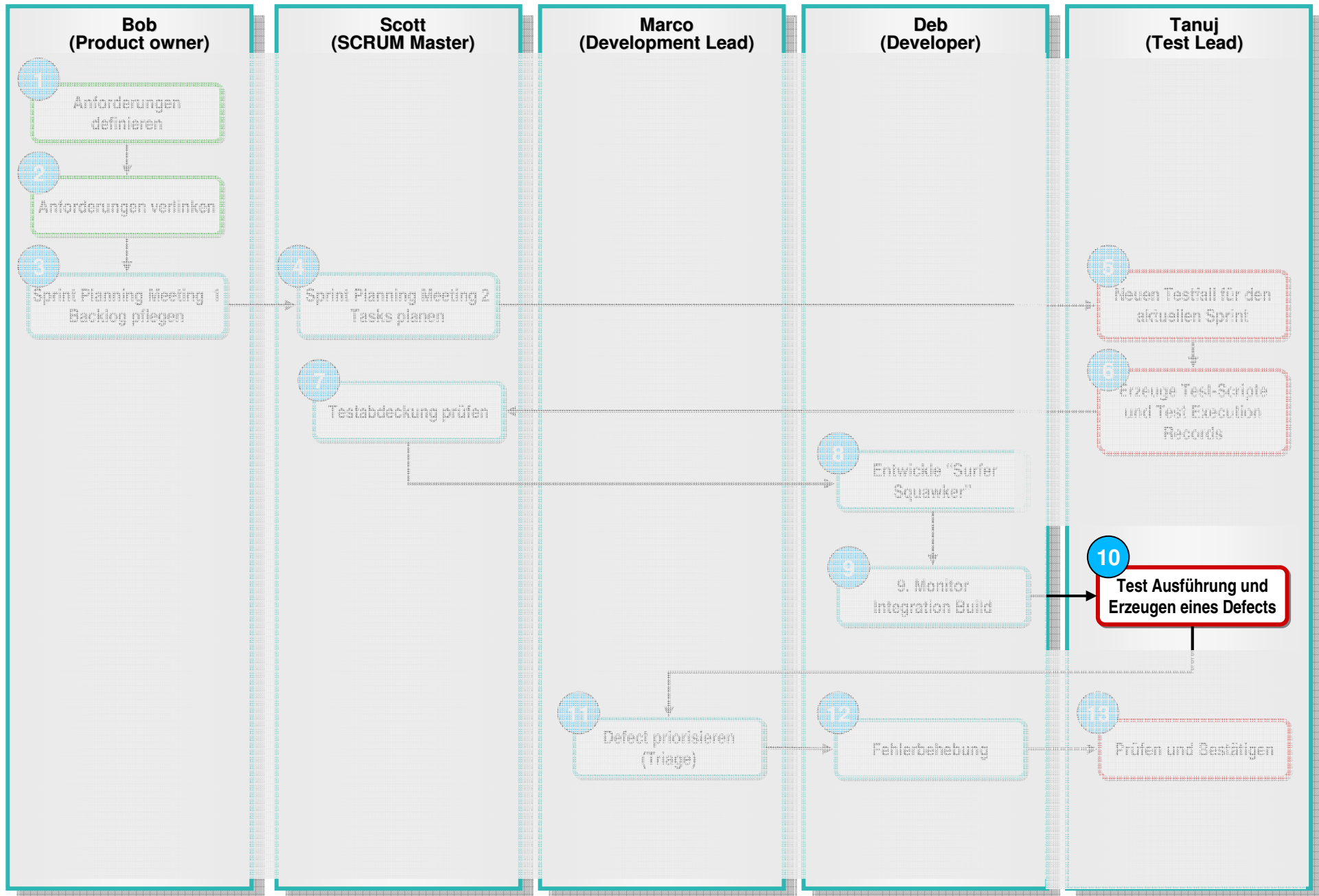


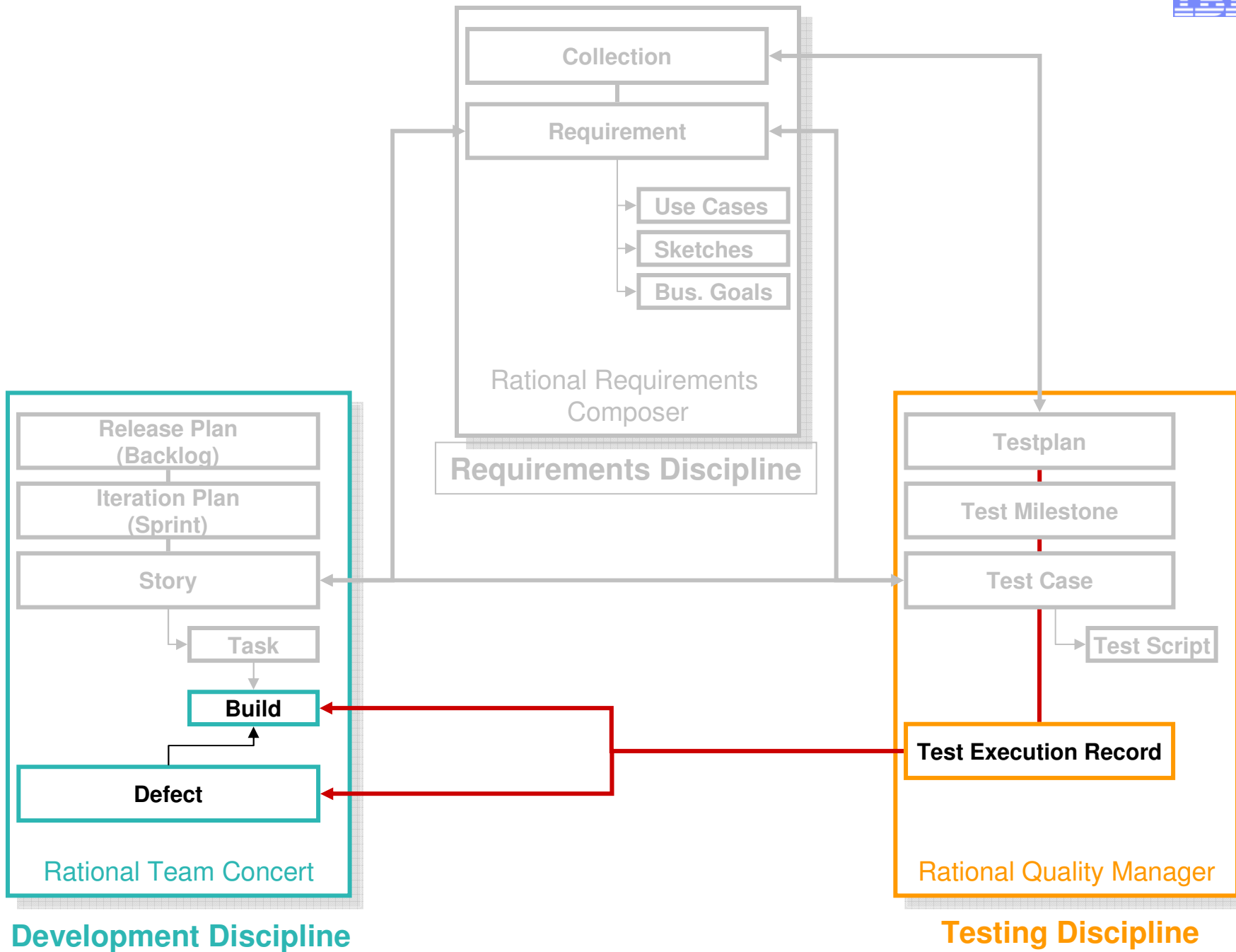
Demo Schritt 10

RQM Details



Demo





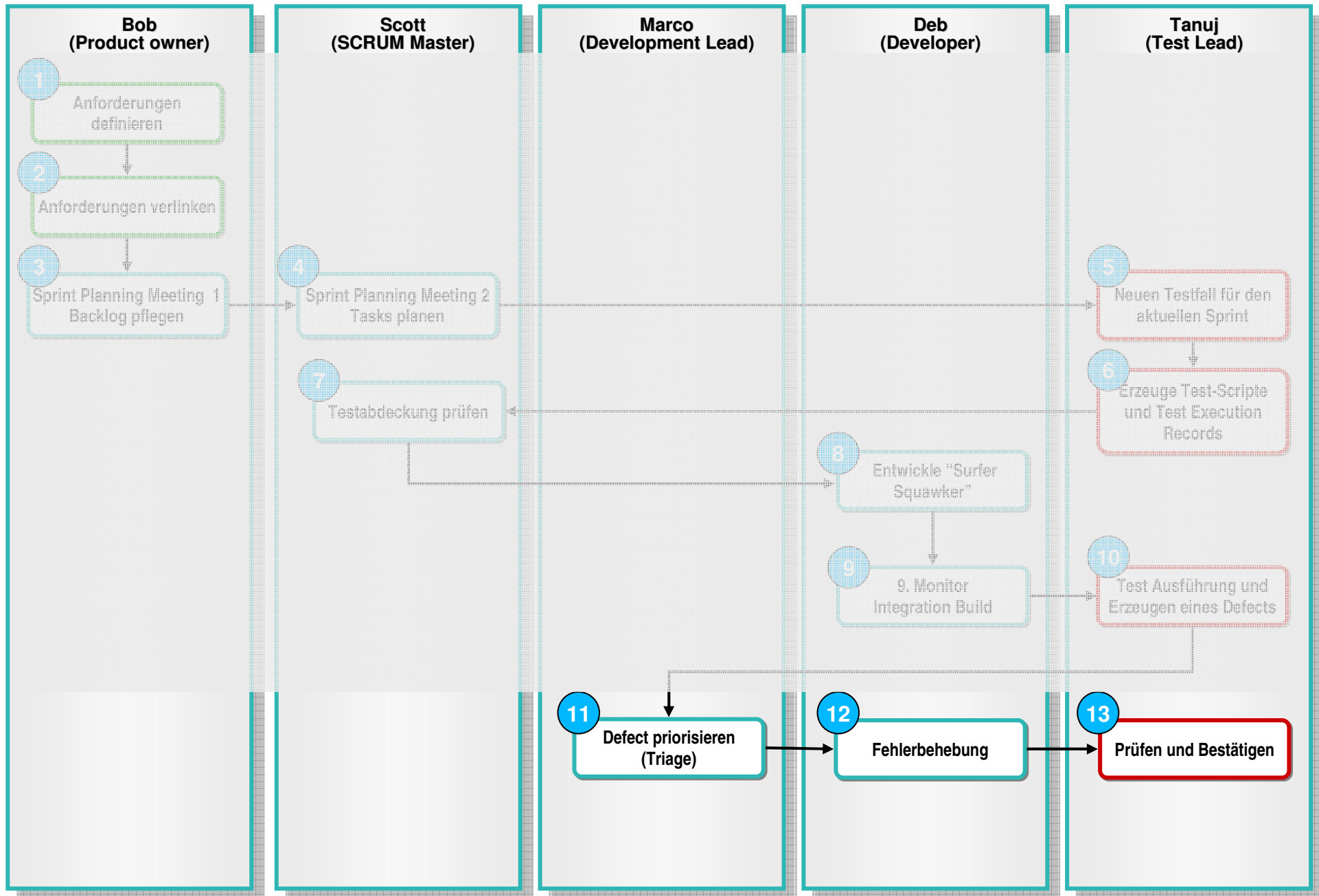
Development Discipline

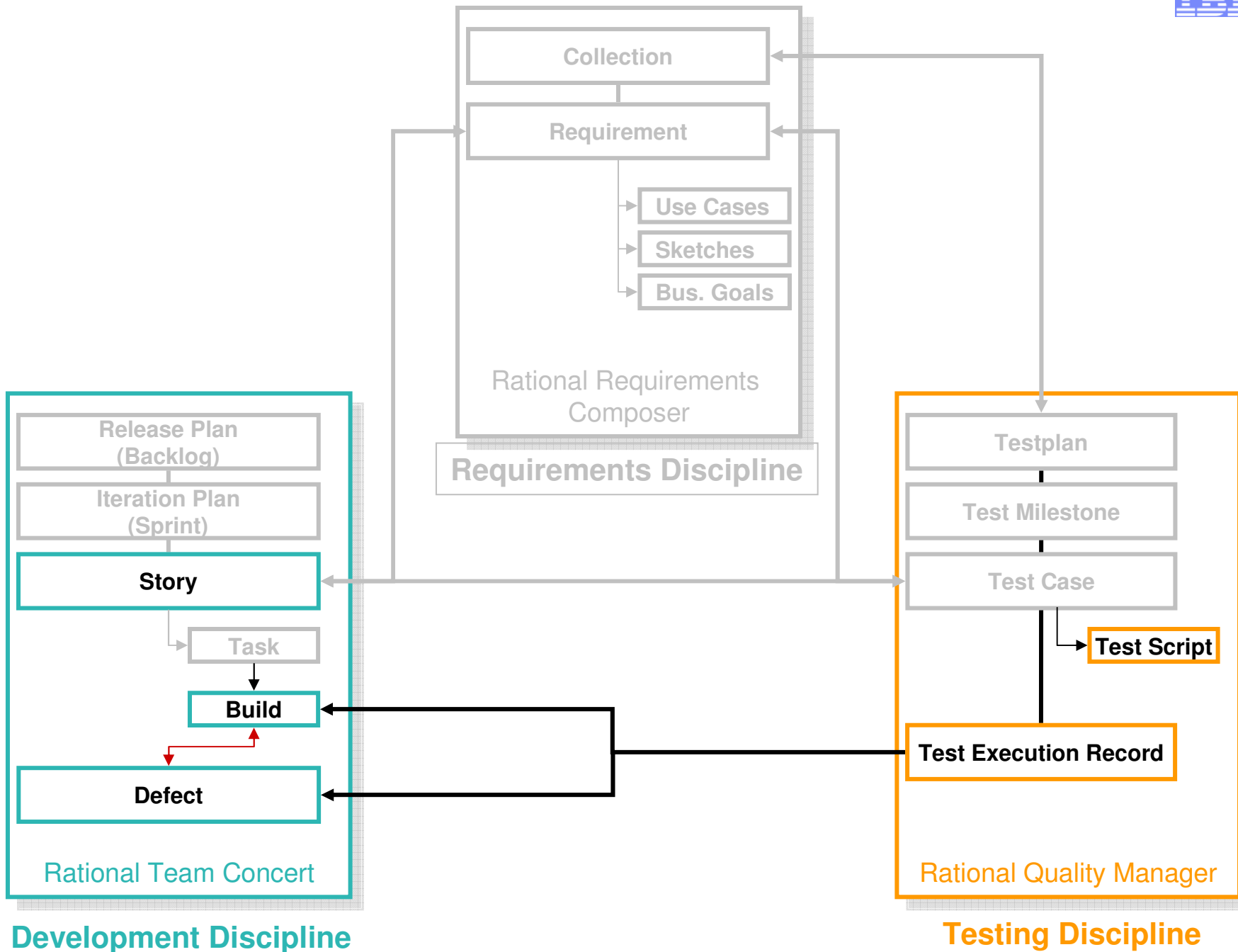
Testing Discipline

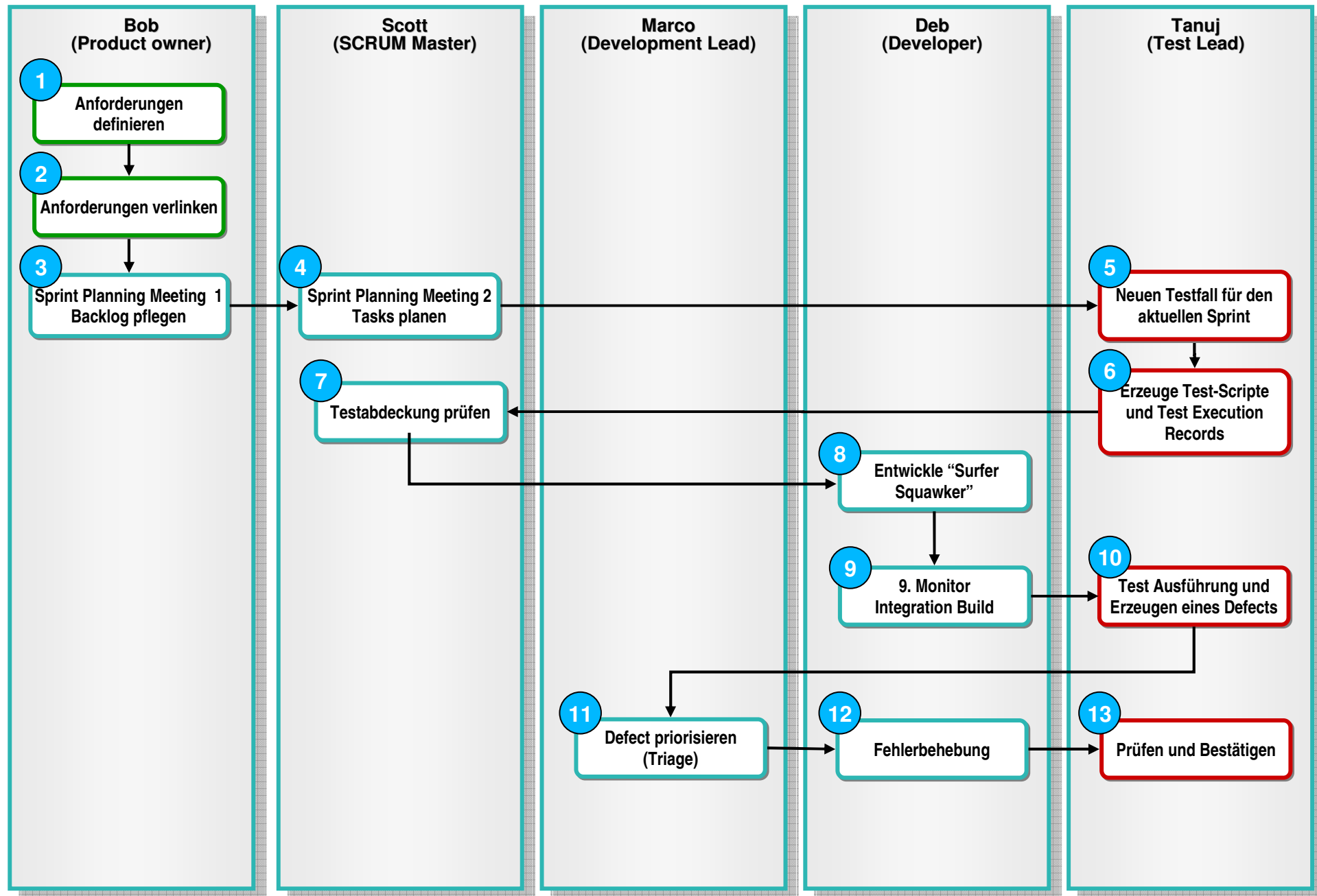


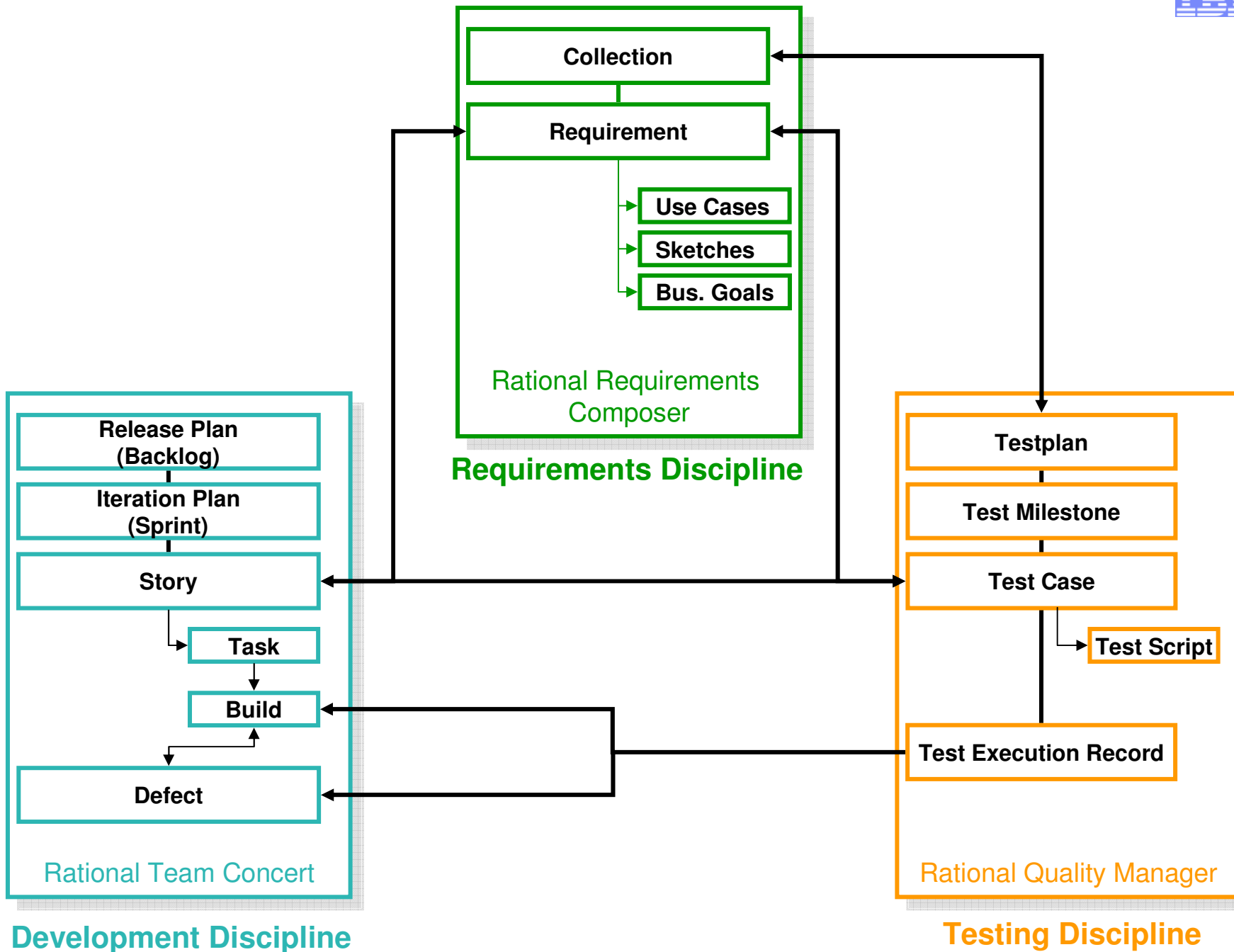
Demo Schritte 11, 12 und 13

Demo









EXTRO

Die Werkbank des CALM

