



IBM Software Group

# La soluzione IBM Rational di Application Lifecycle Management per team Agili

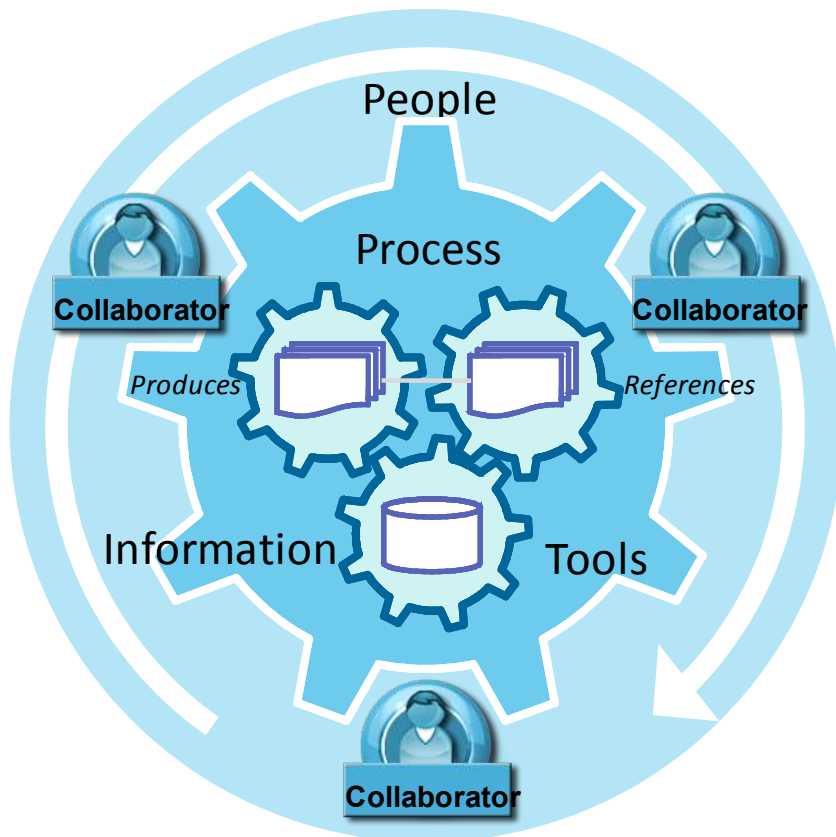
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# Application Lifecycle Management (ALM)?

- L'integrazione e il coordinamento di **persone**, **strumenti**, **informazioni** e **processi** che concorrono allo sviluppo e mantenimento di software



*ALM non riguarda specifiche attività del ciclo di vita del SW ma la loro **sincronizzazione***

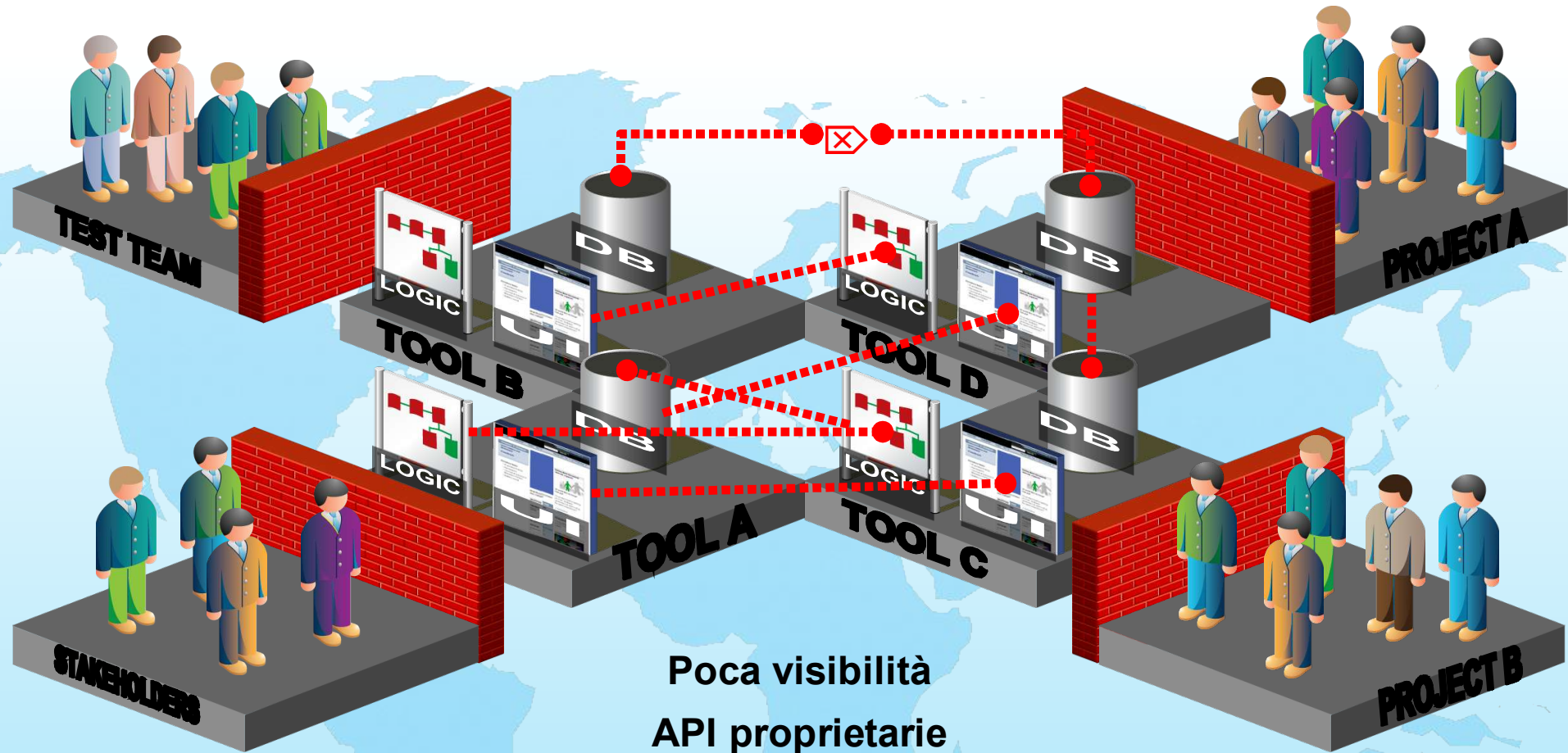
*ALM non riguarda gli strumenti ma le **integrazioni***

# Team tradizionale



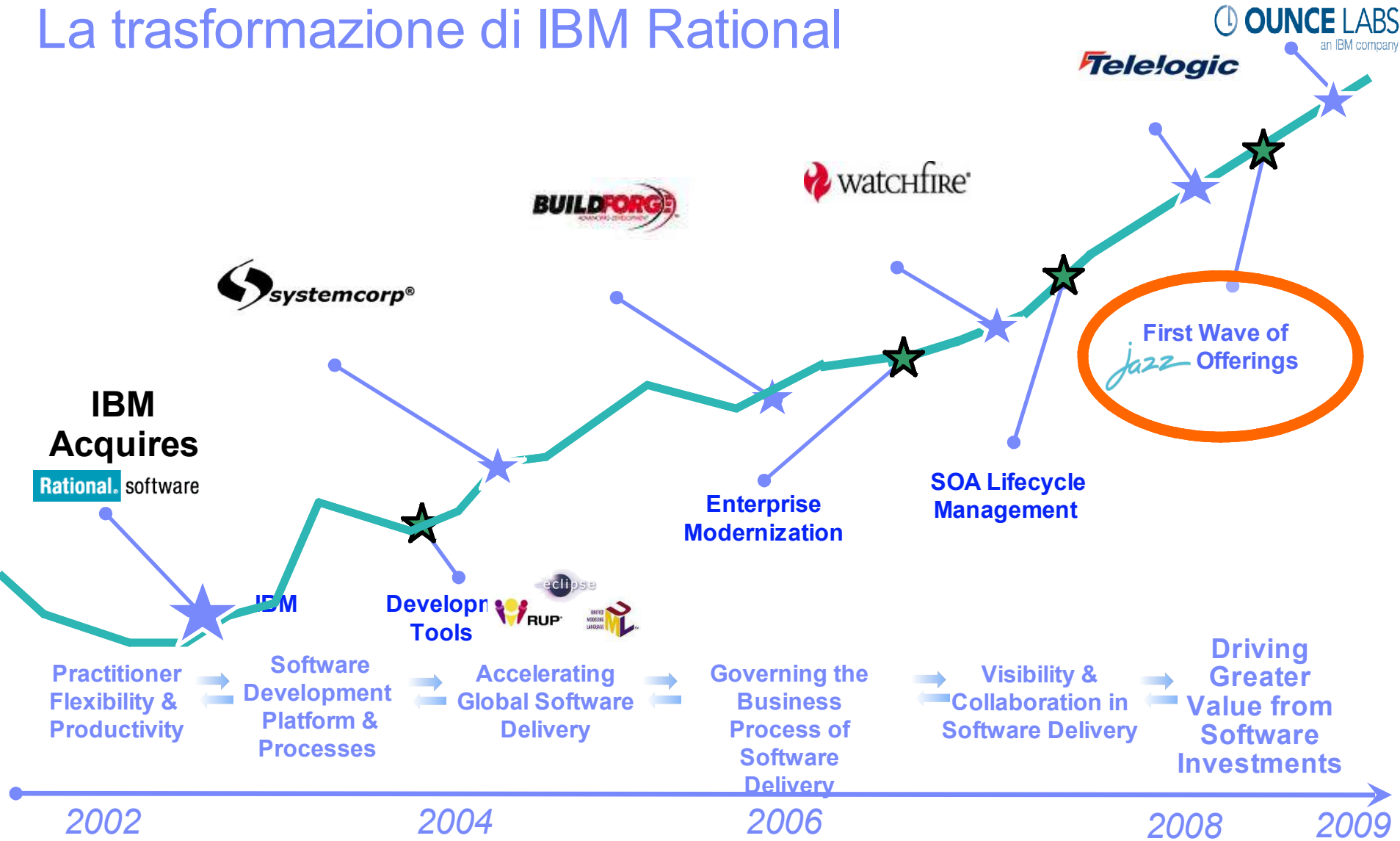


# Le barriere alla realizzazione dell'ALM Agile



- Poca visibilità
- API proprietarie
- Poca integrazione di processo
- Costi elevati di manutenzione
- Barriere funzionali, e tecnologiche

# La trasformazione di IBM Rational



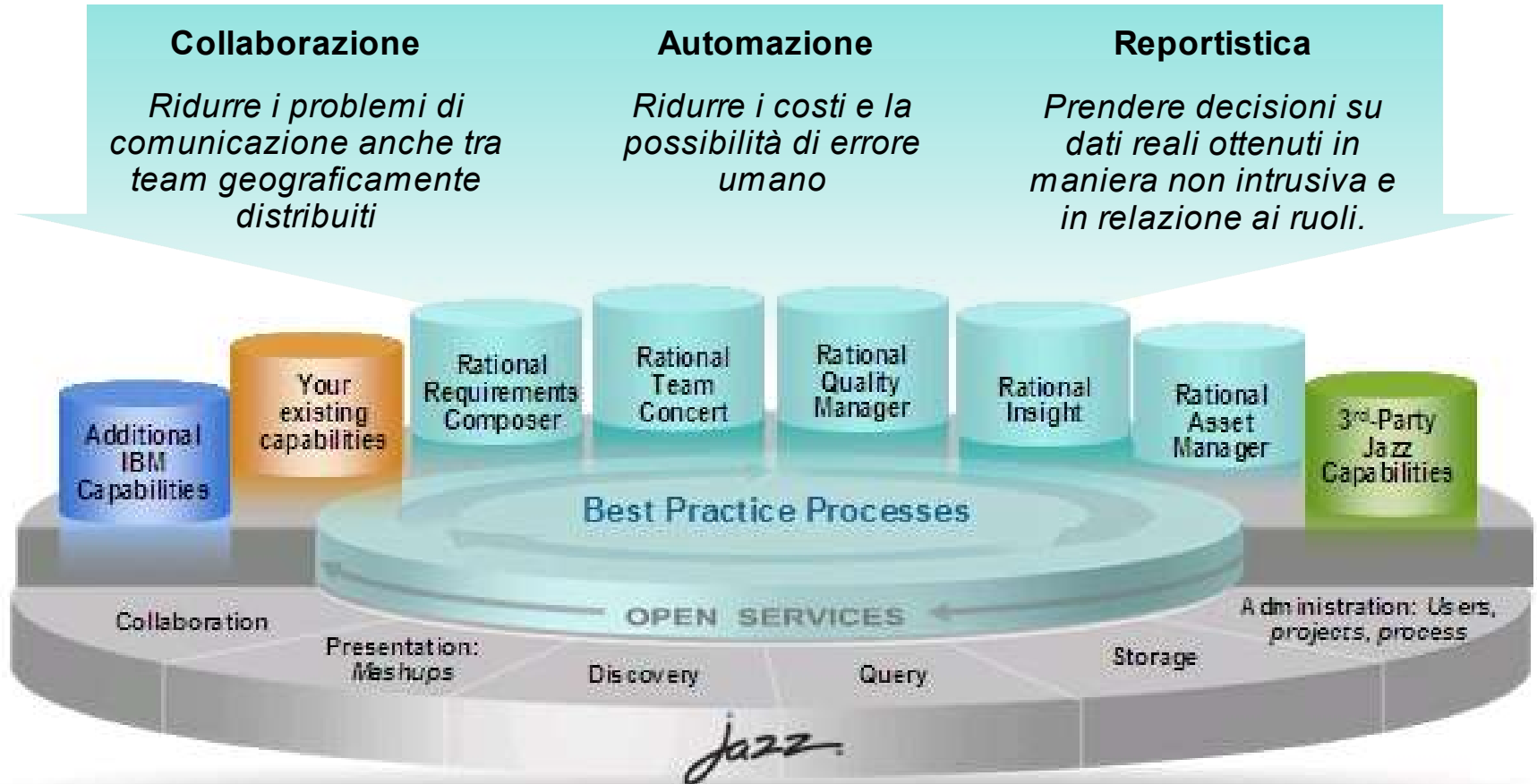
# I Requisiti che hanno ispirato la soluzione Rational di ALM basata su jazz

- **Imparare dagli errori del passato**
  - ▶ Singolo repository
  - ▶ Integrazioni punto punto tra tools
  - ▶ Metamodello standard
  - ▶ Framework standard
- **Trarre vantaggio da Internet**
  - ▶ Scalabile ed estensibile
  - ▶ Integra informazioni su larghissima scala
  - ▶ Collaborazione
- **Piattaforma aperta ed estensibile**
  - ▶ Accesso alle risorse via URI
  - ▶ Interfacce Standard
  - ▶ Lifecycle Standard
  - ▶ Servizi di integrazione





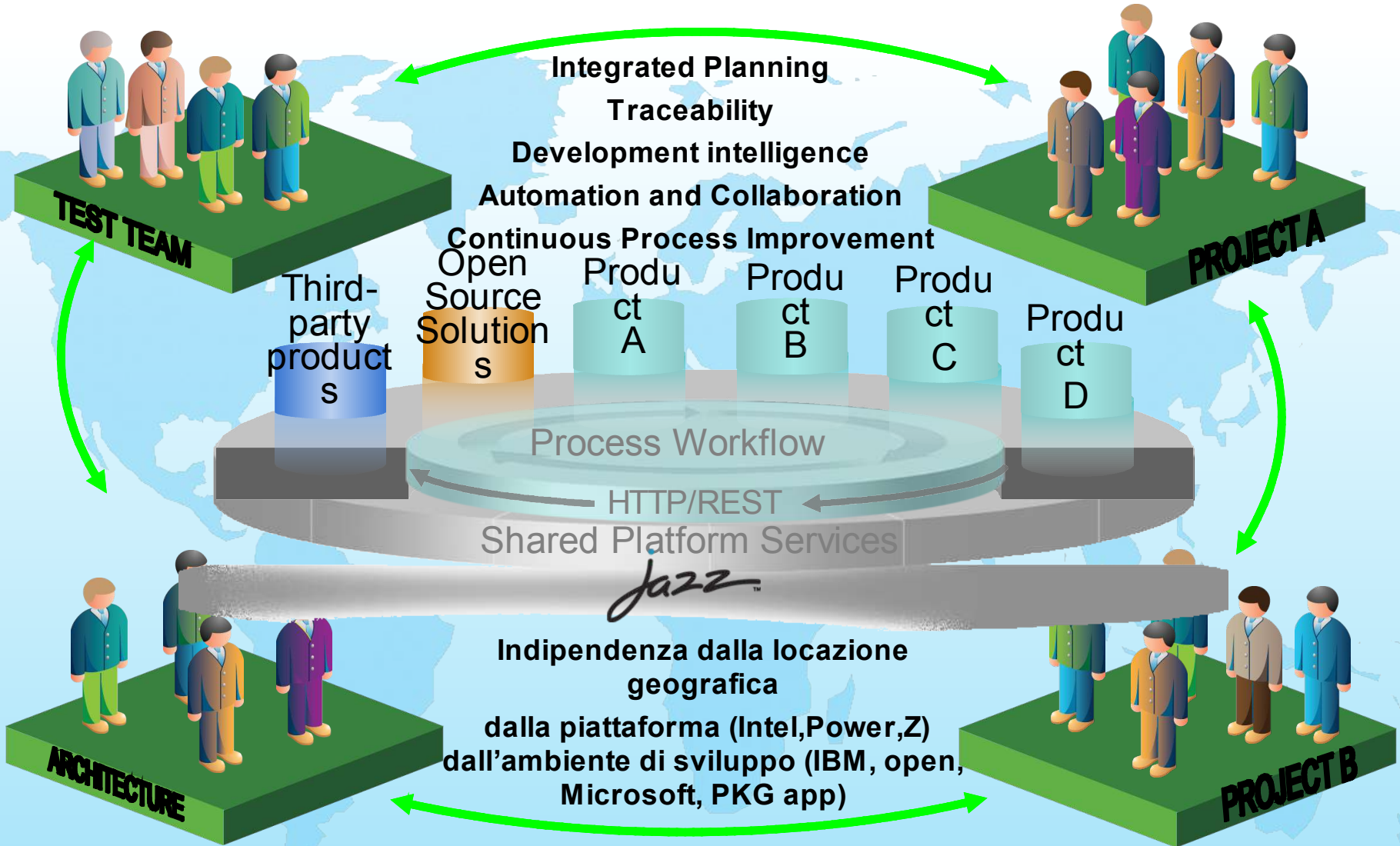
# Jazz: la piattaforma abilitante per l'ALM Agile



**Piattaforma scalabile ed estensibile per lo sviluppo collaborativo**  
**Architettura di integrazione aperta ([www.open-services.net](http://www.open-services.net))**  
**Comunità open commercial ([www.jazz.net](http://www.jazz.net))**



# Il valore dell'ALM basato su Jazz



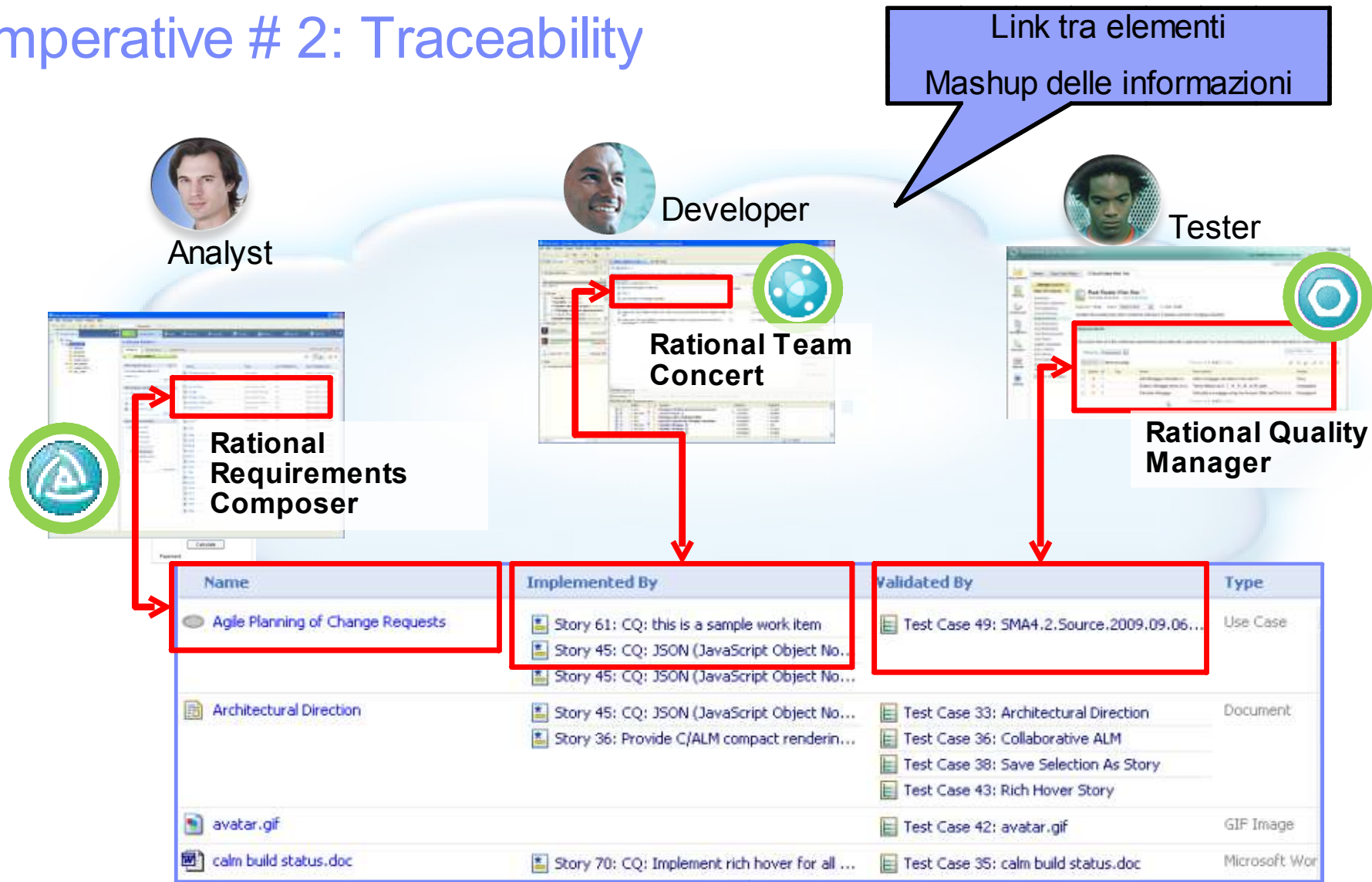
# Imperative # 1: Real-Time Planning



Piani integrati con le attività  
 Pianificazione continua  
 Visione istantanea dell'impatto dei cambiamenti sulle date di rilascio

Actions	Summary	Owned By	Effective Estir	Predecessor	Id
	Write the rules down	Jean-Miche	1 day	-	28
	Add more items to our list	Heather Fr	1 day	-	22
	Create the schedule for the team	Jean-Miche	3 days	-	23
	Write the requirements	Heather Fr	2 days	Task <03:3	21
	Prepare the milestone plans	Heather Fr	2 days	-	24
	Setup more work for the team	Heather Fr	1 week	24; Prepare	26
	WAN access from WTP site is slow - need to invest	Jean-Miche	1 day	-	27

# Imperative # 2: Traceability



# Imperative # 3: Development intelligence

The screenshot displays a dashboard with several panels:

- Work Item Comparison (3 panels):** Line charts showing trends for different team areas over time (4/7/08 to 4/21/08).
  - Panel 1: Team Area: /Jazz Development/Agile Planning, /Jazz Development/Process, /Jazz Development/Repository, /Jazz Development/Source Control, /Jazz Development/Work Item. Interval: 0.6 RC1.
  - Panel 2: Team Area: /Jazz Development/Build, /Jazz Development/Dashboard, /Jazz Development/Install, /Jazz Development/Reports, /Jazz Development/X-Team Web UI. Interval: 0.6 RC1.
  - Panel 3: Team Area: /Jazz Development/ClearCase Connector, /Jazz Development/ClearQuest Connector, /Jazz Development/User Assistance. Interval: 0.6 RC1.
- Work Item:** Area chart showing work item counts over time. Team Area: /Jazz Development/Work Item. Category: All. Interval: 0.6 RC1, 0.6 RC2, 0.6 RC3.
- Process:** Area chart showing process counts over time. Team Area: /Jazz Development/Process. Category: All. Interval: 0.6 RC1, 0.6 RC2, 0.6 RC3.
- Build:** Area chart showing build counts over time. Team Area: /Jazz Development/Build. Category: All. Interval: 0.6 RC1, 0.6 RC2, 0.6 RC3.
- Work Item Members (16):** List of team members and their roles.
 

André Weinand	componentlead, contributor, integrationstreamadmin, integrationbuildmeister
Benjamin Pasero	contributor
Christof Marti	contributor, integrationbuildmeister
Dirk Baeumer	parttime, contributor, integrationstreamadmin, integrationbuildmeister
Erich Gamma	contributor, newcomer, integrationstreamadmin, integrationbuildmeister, dashboardadmin, projectadmin, PMC
Frank Lyner	contributor
Johannes Rieken	parttime, contributor, integrationbuildmeister
Larry Smith	contributor, integrationbuildmeister
Marcel Bihl	contributor
Mark Buquor	newcomer, parttime
- Work Item Builds:** List of build events. Example: Succeeded: continuous.workitem.jazz.C20080424-0748 10 minutes ago.
- Work Item Event Log (15 new):** List of recent events. Example: WebUI - Hide comment is confusing - lost work (51725) 10 minutes ago.
- Current Work Item Plans (2):** Shows current iteration (0.6 RC1) and progress bars for Foundation & Work Items.

Dati di trend per progetto o per membro di team

Dettagli dei componenti del team

Stato della milestone corrente



# Imperative # 4: Automation and Collaboration

Ricerca potenziali duplicati  
Sottoscrizioni

Mostra i membri del team e il loro stato  
Rilevazione automatica delle citazioni nelle discussioni

Drag and Drop di Workitem o Query nella chat

Notifiche in tempo reale su citazioni e eventi di progetto

# Imperative # 5: Continuous Process Improvement

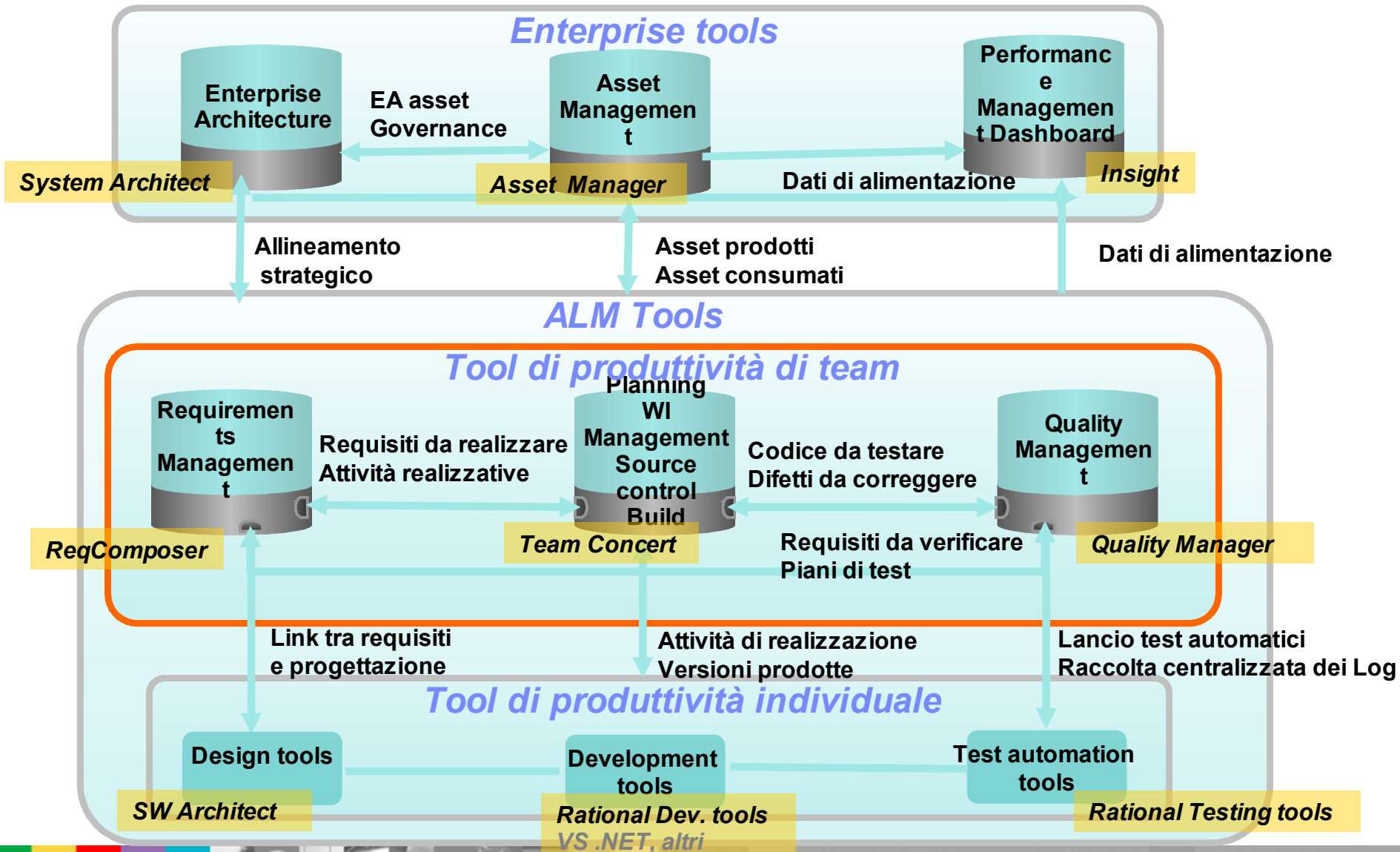
The screenshot displays the Rational Team Concert (RTC) interface. On the left, the 'Project Area' configuration tree is visible, with 'Operation Behavior' selected. The main pane shows a list of operations, with 'Source Control' and its sub-operation 'Deliver (client)' highlighted in a red box. A blue callout bubble points to this area with the text 'Guarded RTC operation'. Below the operations list, the 'Preconditions and follow-up actions' section is also highlighted in red, showing a list of preconditions like 'Clean Workspace' and 'Require Work Item Approval'. On the right, a 'Team Advisor' window shows an error for the 'Deliver' operation: 'Change set missing required comment or work item.' It provides 'Quick Fix' options: 'Associate Existing Work Item', 'Associate New Work Item', and 'Associate and Try Again (experimental)'. Another 'Team Advisor' window at the bottom right shows a successful 'Deliver' operation with a green checkmark and the message 'no problems found'. A large blue callout bubble on the right contains the text: '“Quick Fixes” possono essere definite per favorire l’adozione.' (Quick Fixes can be defined to favor adoption.)

Processi Out of the box Agile e tradizionali

Regole personalizzabili possono forzare il processo






“Quick Fixes” possono essere definite per favorire l’adozione.

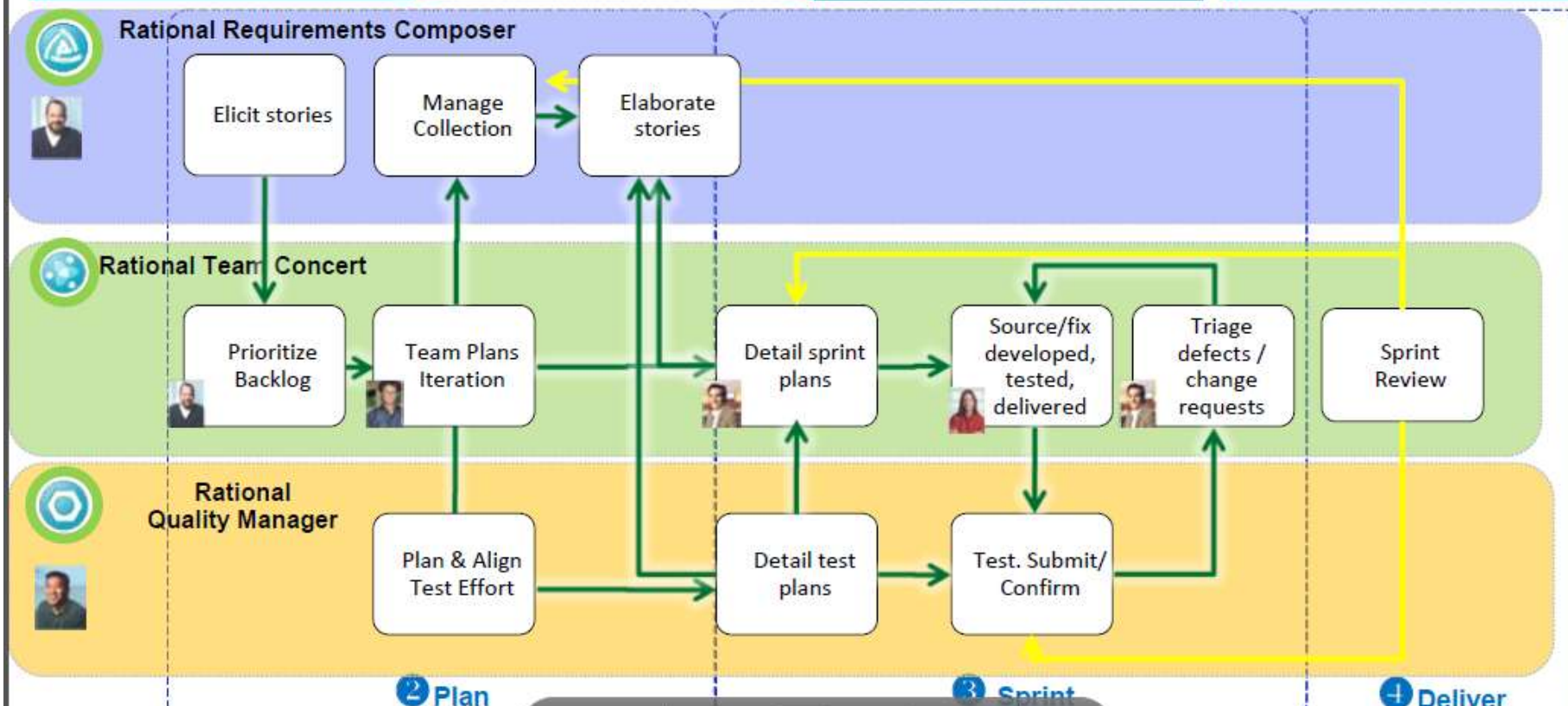
# Un workbench di strumenti a supporto





# Esempio: Team Agile che utilizza Scrum

 <p><b>- "I'm Bob the Product Owner."</b> I am responsible for producing, prioritizing and accepting user stories.</p>	 <p><b>- "I'm Scott the Scrum Master."</b> I coach the team, manage change, and track health and quality by collaborating with my team</p>	 <p><b>Marco, Deb Dev Lead. Developer</b> </p> <p>We're developers who embrace agile practices and continuous integrations.</p>	 <p><b>- "I'm Tanuj, a Tester in the team."</b> I practice concurrent testing</p>
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# Riassumendo...

- IBM Rational supporta efficacemente l'adozione dell'**Agile** attraverso:
  - ▶ Un **approccio pragmatico** di adozione delle **practice Agile** orientato alla **misura** e al miglioramento incrementale del **valore** prodotto.
  - ▶ Una piattaforma tecnologica **integrata** che abilita
    - **Collaborazione** indipendentemente dalla locazione geografica, per favorire una efficace comunicazione
    - **Automazione** del maggior numero possibile di attività per ridurre i costi e la possibilità di errore umano
    - **Reporting** ottenuto in maniera non intrusiva e in relazione ai ruoli per tenere sotto controllo l'andamento dei progetti
  - ▶ Ampio supporto di **piattaforme** (Intel,Power,Z) e **ambienti di sviluppo** (IBM, open, Microsoft, PKG app)



# Jazz Million Seat March...momentum is building...

## Join our March to transform software delivery

by enabling organizations to be more collaborative and transparent, leveraging our open standards-based **Jazz platform**...

We're so convinced of the power of this platform that we're offering it **free to teams of up to 10 developers**

### What Analysts are saying:

**Liz Barnett, Ez-Insight:** "With the Jazz project, Rational has developed **breakthrough technology** and is **poised to set the standard for collaborative ALM**..."

**Julie Craig, EMA:** "Rational's differentiators are **difficult for competitors to equal**, and the new Jazz platform foundation may well turn out to be one of the best investments the Rational team has made."

**50,000+** members active on Jazz.net  
**300,000+** seats in market



## Join the movement and try Jazz today

<http://www.jazz.net/sandbox> or <http://jazz.net/downloads/rational-team-concert/latest>



Thank  
You

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