APM Team Center Best Practices DevXChange

Andreas Reiss – CA Technologies – APM Global SWAT Team

May 2016

Agenda

1 | **NODES AND MULTIPLE DIMENSIONS**

2 | **THE POWER OF PERSPECTIVES**

3 | **GROUPING BEST PRACTICES**

4 | **BACK TO JULIET**

ca technologies

Nodes and multiple Dimensions

Solving Problems – Different Angles

Different views at the same problem

The right view is the key to identify the problem.

Solving Problems – Different Angles

The multiple "personalities" of a Team Center node

- **APM Team Center with the power of assigning multiple attributes to nodes**

- **Attributes can be created by**
  - Rules
  - Manual Assignment
  - Transactional Properties (Traces)

- **Attributes are time sensitive**

Name	Apps|Mediator|URLs|/transactions/book
Type	GENERICFRONTEND

Alerts Summary

Alert Status	Unknown
Variance Intensity	☐☐☐☐ 0/3

+ Alerts	(1)
+ Performance overview	(5)
− Basic Attributes	(6)

Name ▲	Live Value
agent	reian06mac171|NowhereBank|Mediator
applicationName	Mediator
hostname	reian06mac171
name	Apps|Mediator|URLs|/transactions/book
ProcessedBy	FrontendVertexIdentifier
type	GENERICFRONTEND

− Custom Attributes	(7)

Name ▲	Live Value	
Business Critical	Yes	✕
location	Frankfurt	✕
owner	Pete	✕
region	Distributed - Mediation	✕
role	Internal Interface	✕
tier	Mediator	
Troublemaker	On High Traffic	✕
<new attribute name>		

ca technologies

Solving Problems – Different Angles

The multiple "personalities" of a Team Center node

Looking into different roles of a Web Service Client Call

Location: Frankfurt

External Web Service Call

Trouble Maker

Owner: Jack

Call to External Systems

Top Priority Business

VIP

ca
technologies

The Power of Perspectives

The Power Of Perspectives

Everything starts with a sketch
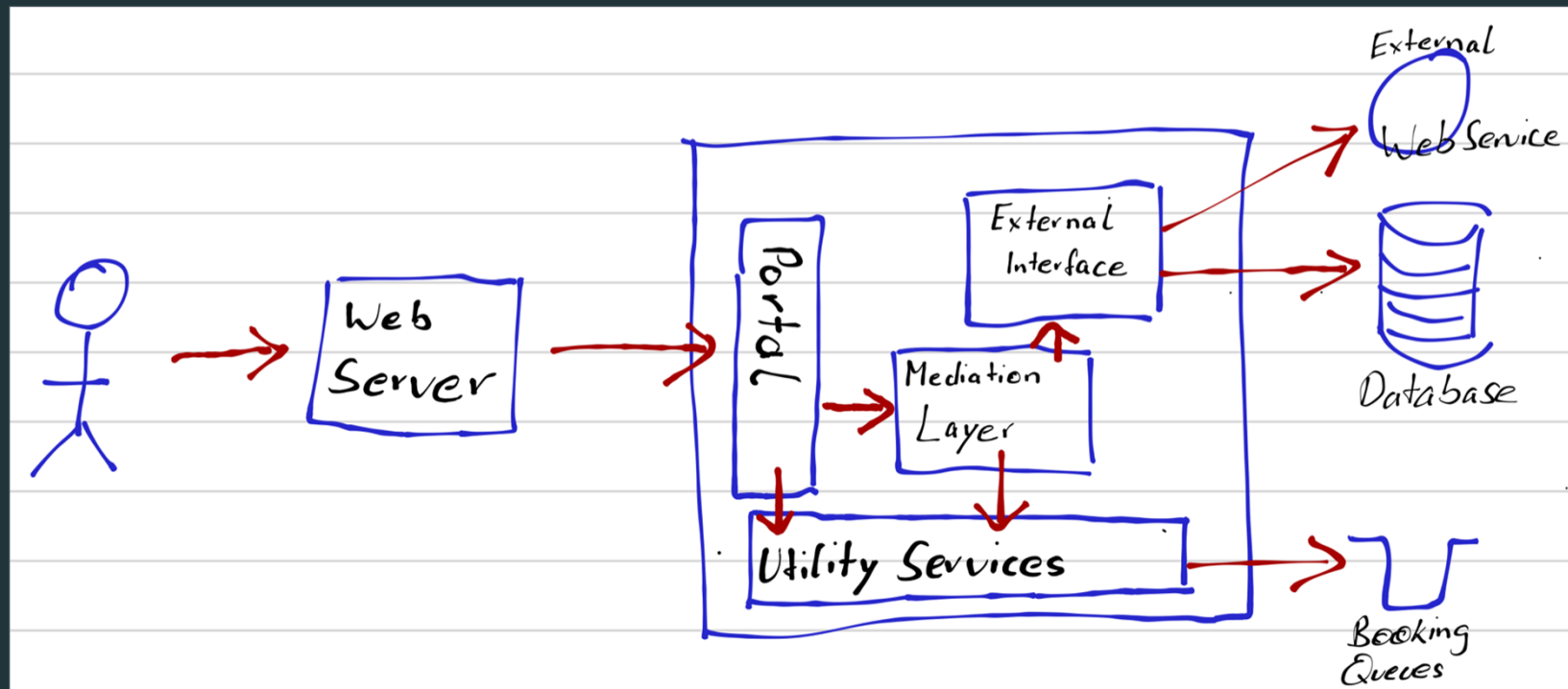
The Power Of Perspectives

Serving multiple Steakholders

- APM Team Center with the strength to look at your environment from multiple angles

Development

Business

Application Owner A

Support

Operations

Application Owner B

ca technologies
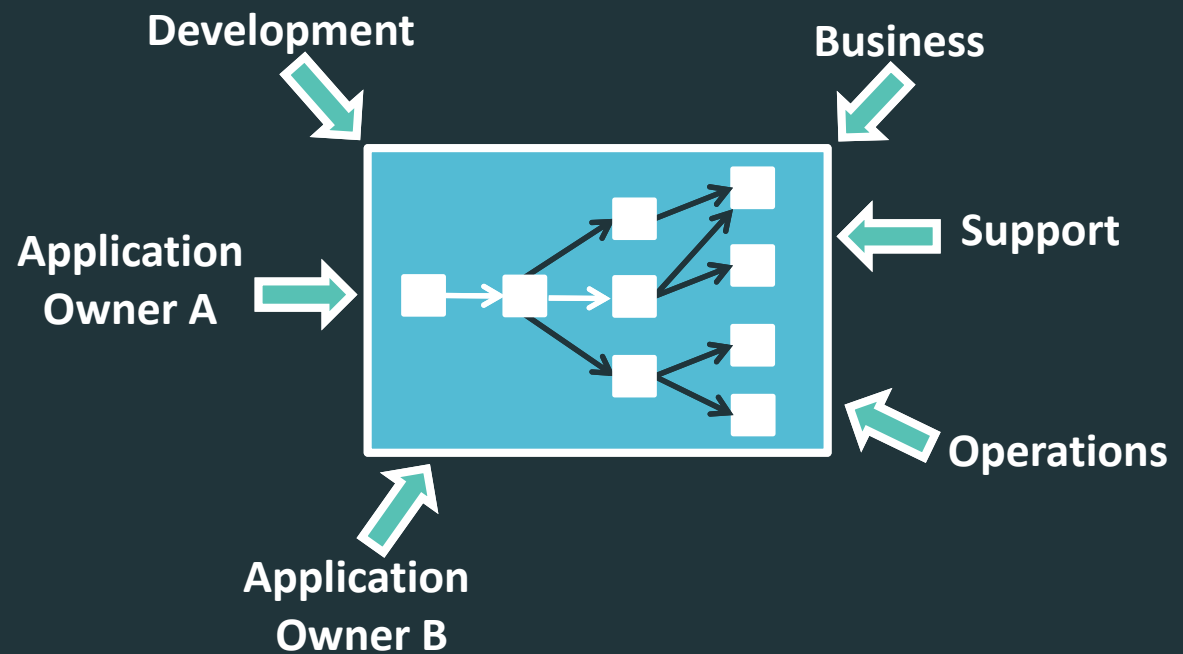
The Power Of Perspectives

Not getting lost in multiple Drilldown levels

Combine filters and perspectives to investigate and problems
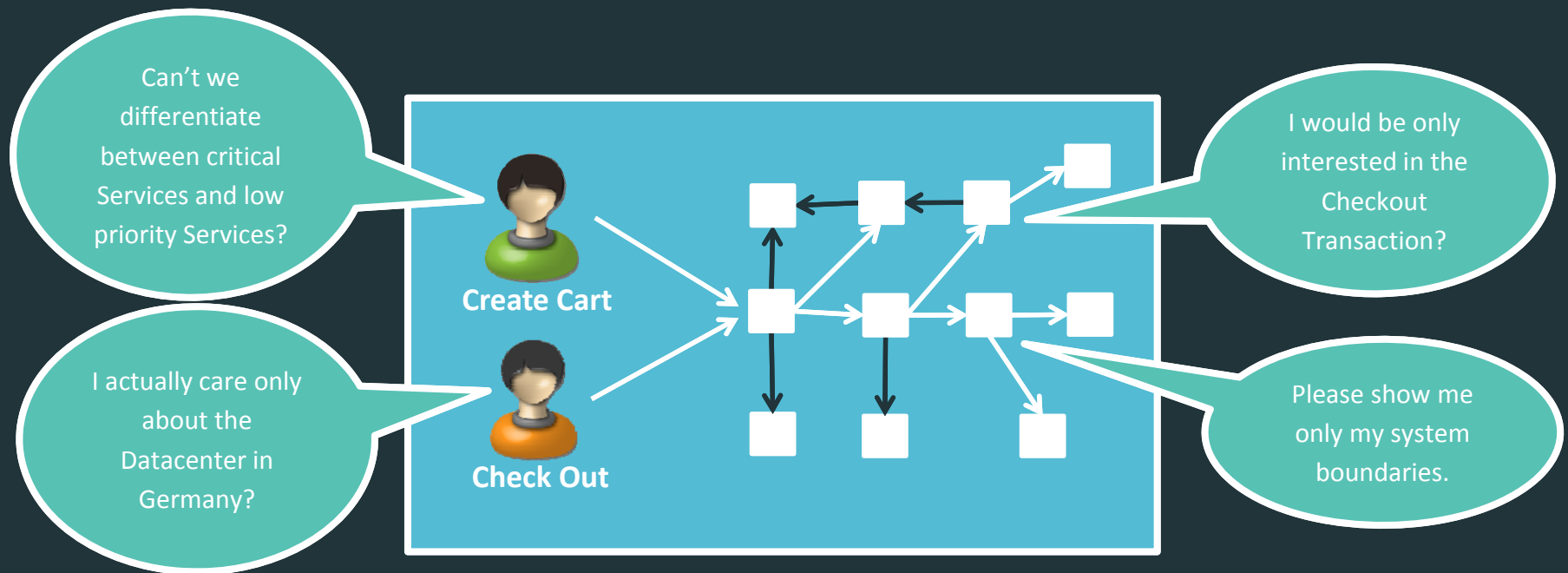
Grouping Best Practices

Grouping Best Practices

Location Based / Data Center
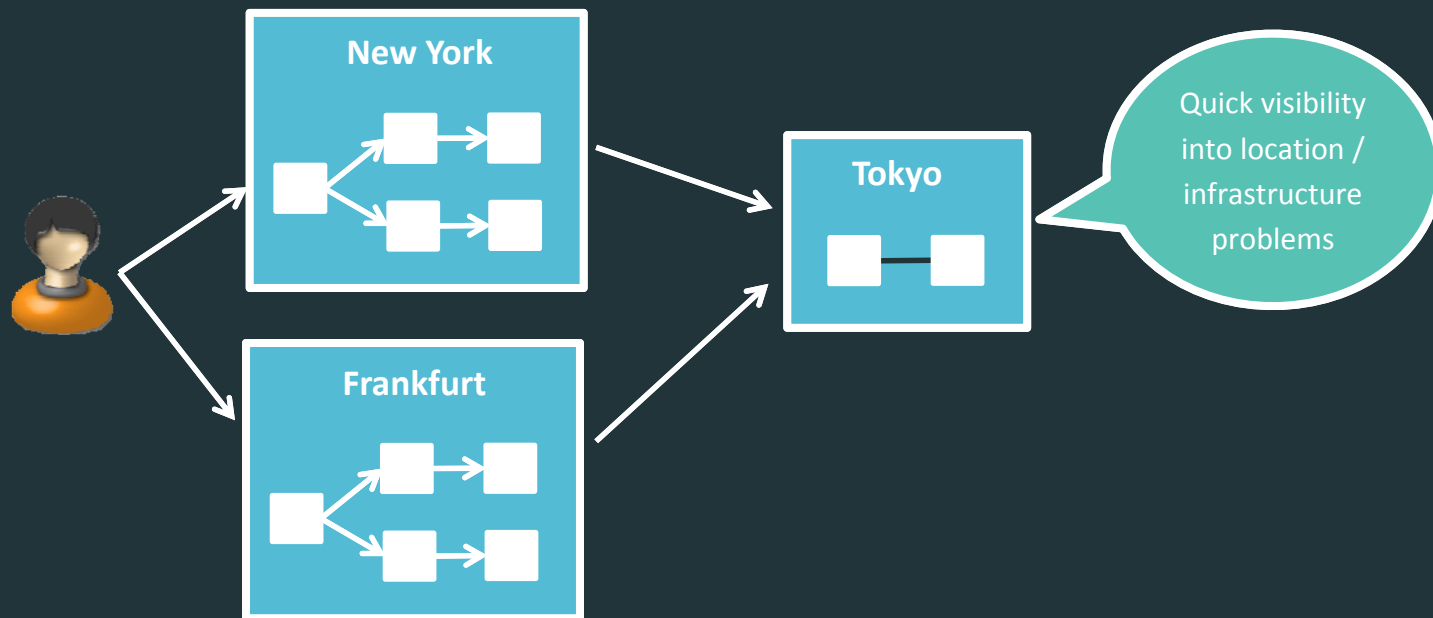
Grouping Best Practices

Cluster / Loadbalancer
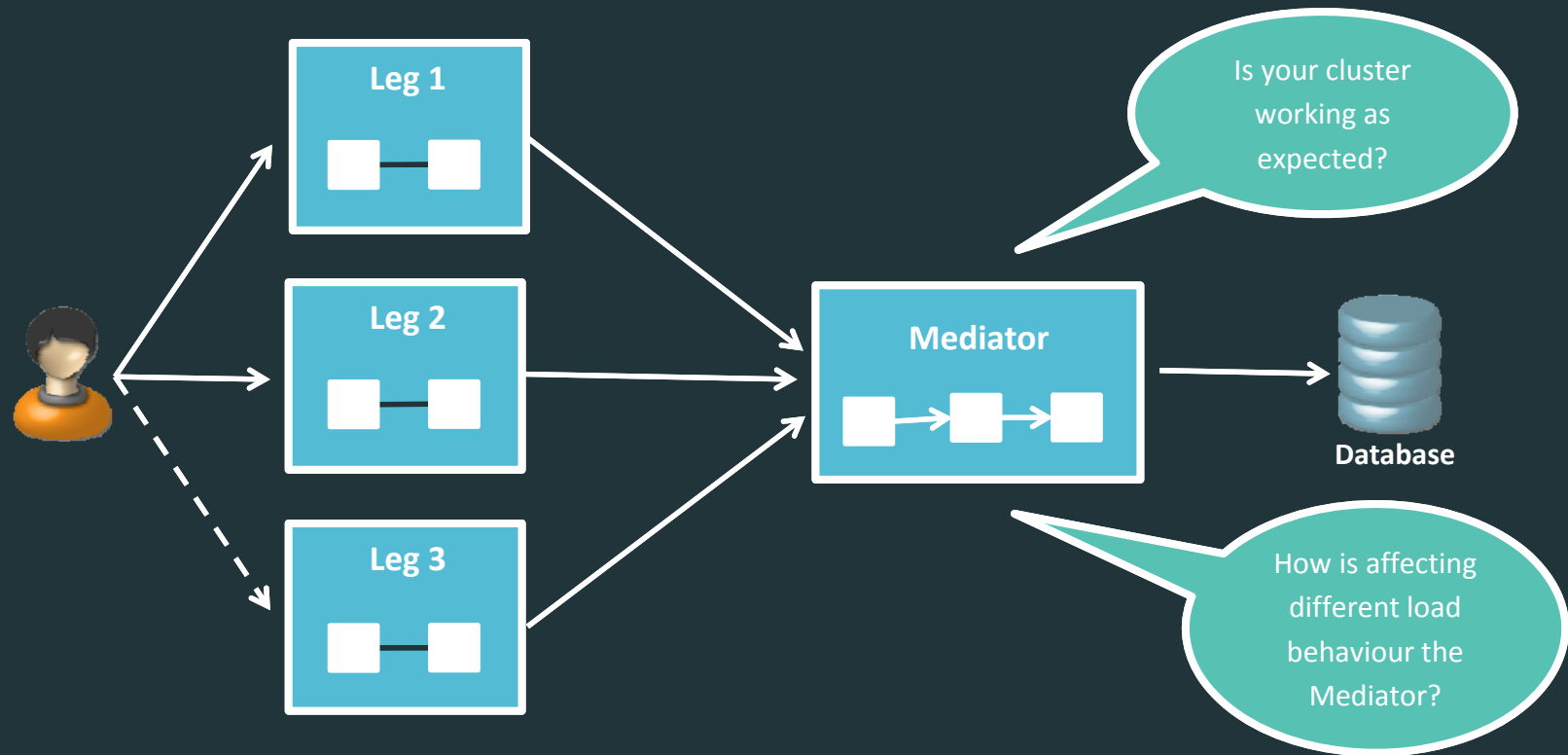
Grouping Best Practices

Communication
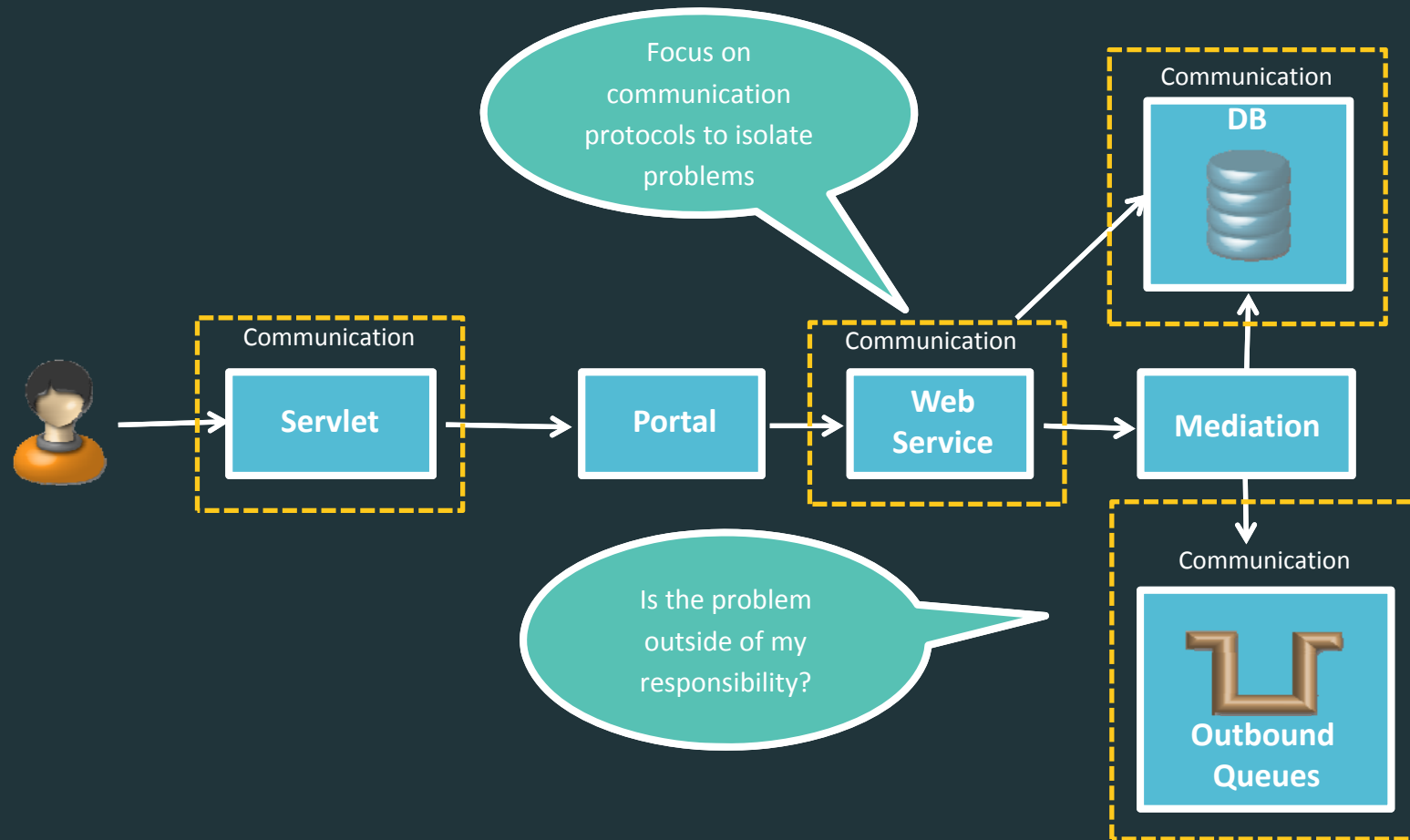
Grouping Best Practices

Annotation
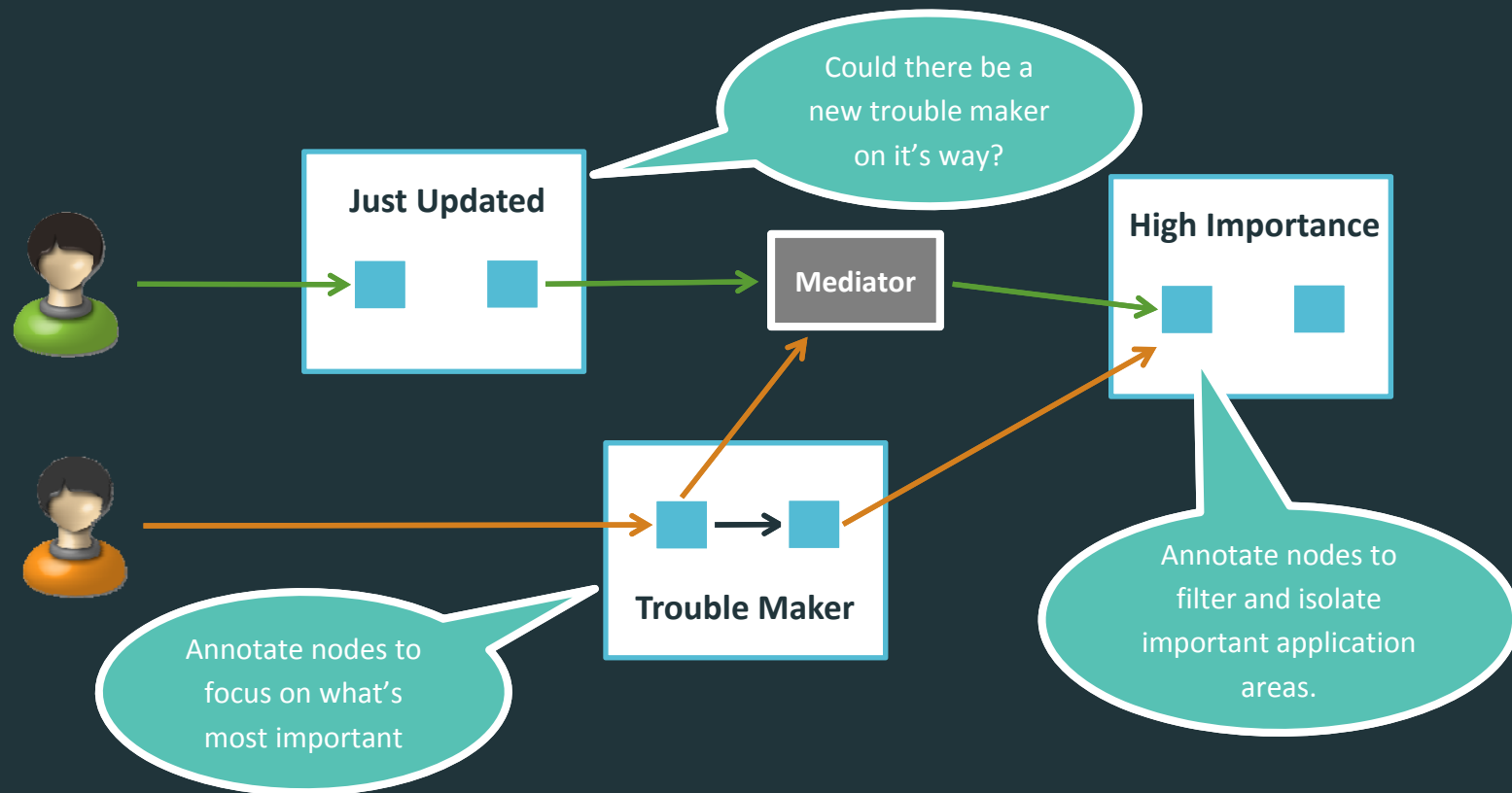
Returning to Juliet

Team Center Task - Test Enrichment

- **How to link problems with tested releases?**
  - Release information in Team Center nodes
  - Test Dates in Team Center

- **Show Test Coverage in Team Center**
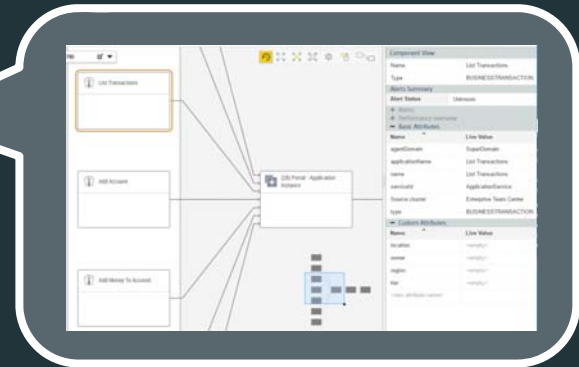
Team Center Task - Test Enrichment

- The Power of Perspectives now allow Juliet to group the environment by releases
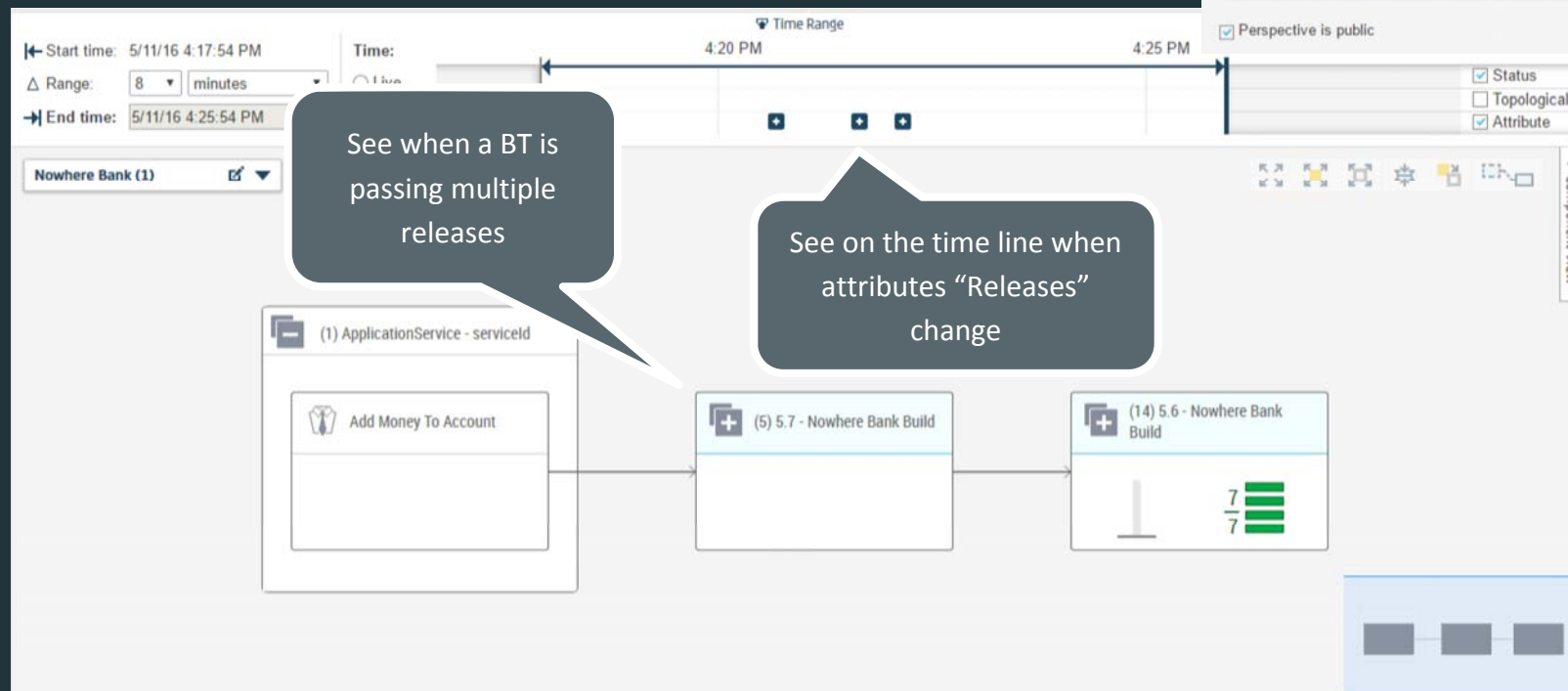
Team Center Task - Test Enrichment

Use highlighting to check which BT use Application Releases

Team Center Task - Test Enrichment

Use highlighting / filtering to identify which components are hit by failed tests
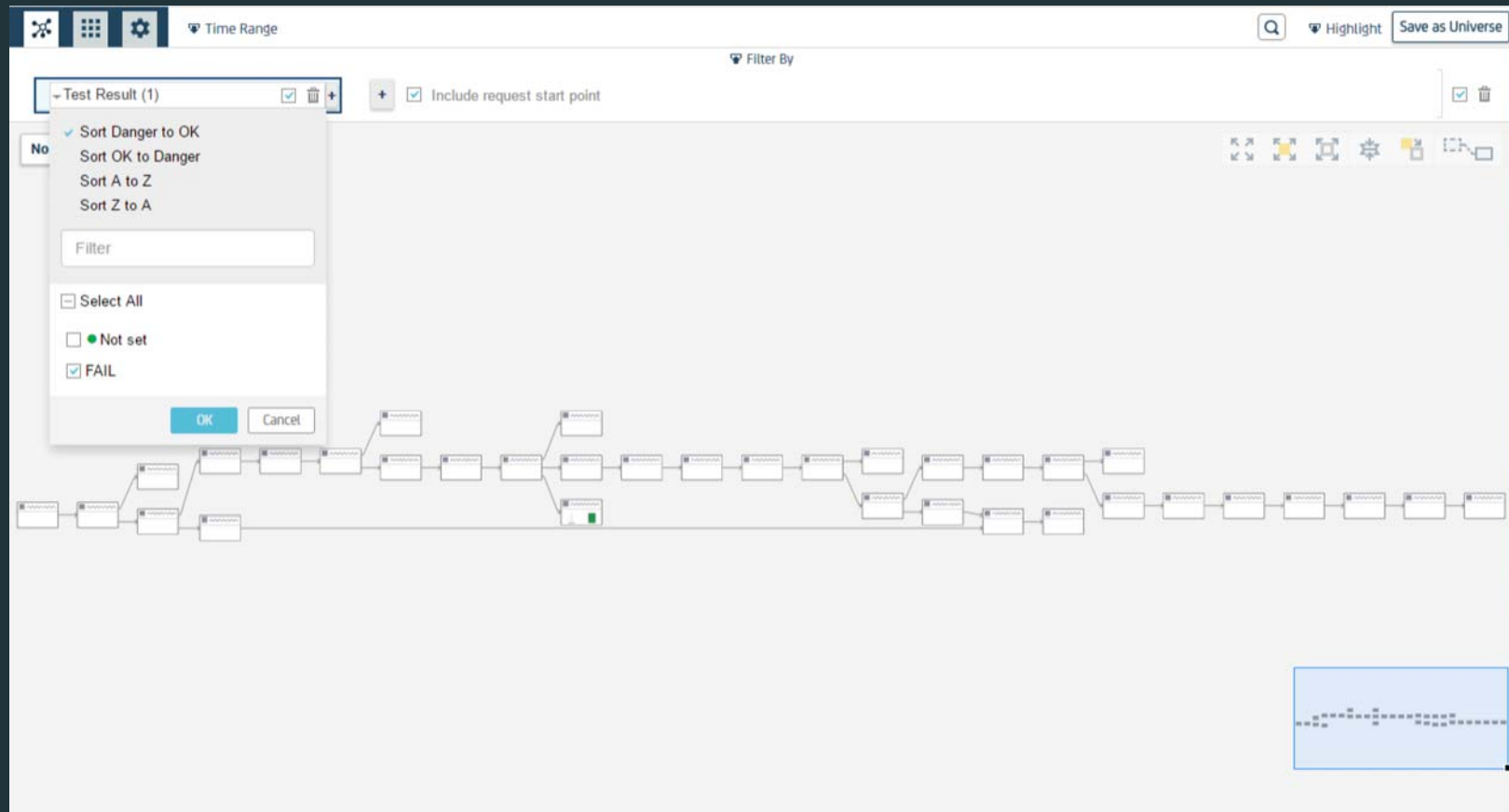
Q&A

Andreas Reiss
Engineering Services Architect = APM Global SWAT Team
Andreas.reiss@ca.com