



EA Global Summit 2020

June 1st to 5th | Connect with World's Prolific Sparx EA Practitioners

Proposed approach to combine JIRA and EA using Prolaborate in agile projects world

Currently, everything should be agile, fast and should not involve too much time and effort Is this really a good direction?

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1Repo, Poland



5th June



PDT 02.00 CET 11.00 AEST 19.00



60 Min

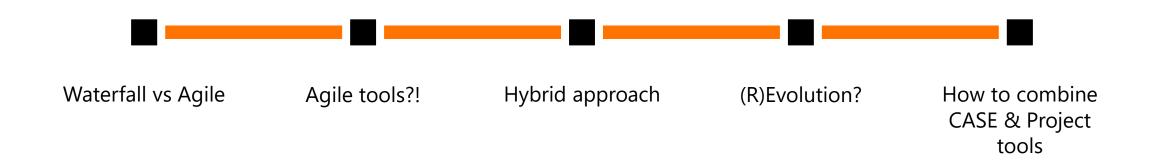
eaglobalsummit.com











"The Cargo" in IT



Support

Knowledge

Understanding

Revenue (\$)

Time To Market



Business Value



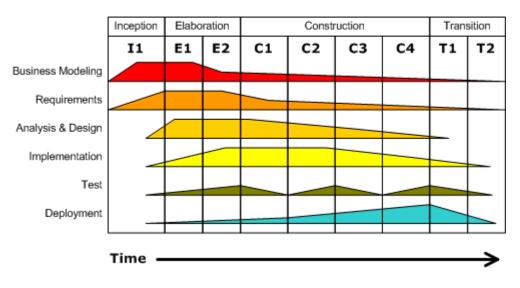
Currently, everything should be agile, fast and should not involve too much time and effort.

Is this really a good direction?



Iterative Development

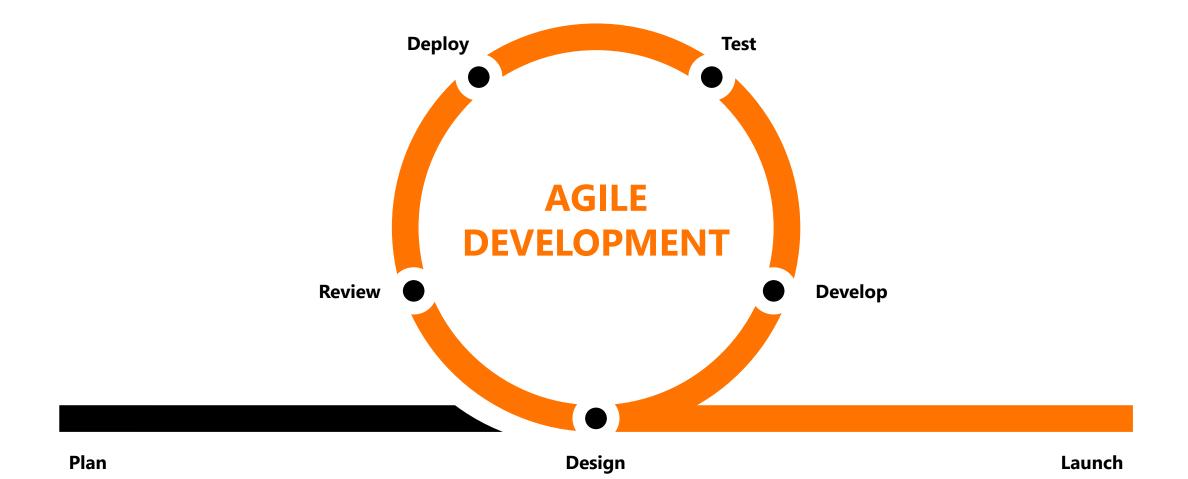
Business value is delivered incrementally in time-boxed cross-discipline iterations.



https://en.wikipedia.org/wiki/RUP_hump









■ Agile manifesto

Individuals and interactions

Working software

Customer collaboration

Responding to change

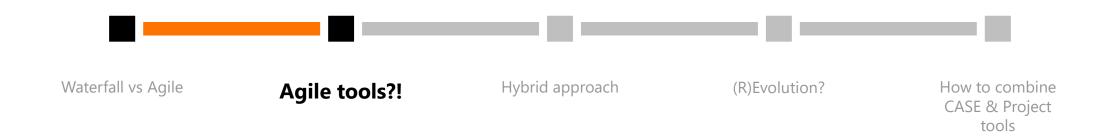
Individuals and interactions

processes and tools

comprehensive documentation

contract negotiation

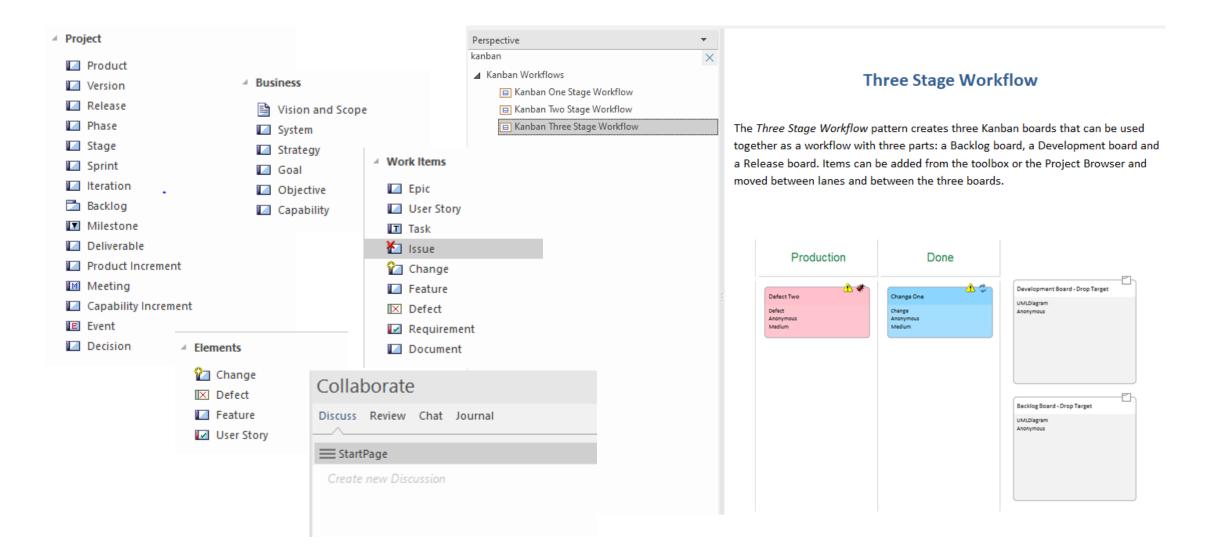
following a plan



Are there any Agile tools at all?

Is the Sparxsystems Enterprise
Architect Agile one?

■ EA's "Agile" features examples



Focused on Business Value!



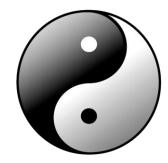
Maybe we should not give up our good habits and skills?

Let's see what happens if we combine the classic approach with the agile one – is it at odds?

■ Divide the world?

CASE tool for case study

- Understand the problem
- Describe the environment
- Identify the impact (!)
- Find & design the solution
- Calculate the effort (estimate)
- Define the priority of tasks 2BD
- Share what and how it needs 2BD



Project tool for project purpose

- Define and assign responsibilities
- Enable communication
- Manage work
- Act & change management
- Report
- Actively seek feedback
- Improve

■ Agile work tasks hierarchy

EPIC1

- Story1
 - Task1 (Plan)
 - describe the problem
 - disscus solutions
 - choose & decide what should be done
 - define priority
 - Task2 (Do)
 - develop
 - Task3 (Check)
 - test
 - deliver
 - Task4 (Act)
 - check how it works (maintain)
- Story2
 - Task1 ...



■ Agile work tasks hierarchy

EPIC1

- Story1 let's find the concern (Business req User Story)
 - Task1 (Plan)
 - describe the problem business environment described by BPMN
 - disscus solutions functional requirements described by business
 - choose & decide what should be done describe UC, GUI, class
 - define priority for requirements, classes, UCs etc.
 - Task2 (Do)
 - develop based on model from the EA
 - Task3 (Check)
 - test based on model from the EA
 - deliver in accordance with the EA
 - Task4 (Act)
 - check how it works (maintain) ruled by CR
- Story2
 - Task1 ...



■ Tasks and Tools







Tasks to be done during the project realization	EA	Prolaborate	JIRA
Define responsible persons and stakeholders	⊘	⊘	⊘
Knowlegde about consequences of past, present and future change	⊘	⊘	
Describe and visualise the problem on many layers	⊘	⊘	⊘ (+/-)
Disscus, deliver knowledge, communicate with stakeholders	⊘	⊘	⊘
Update repository with new data and identify dependency	⊘	⊘	
Impact analysis	⊘	⊘	
Synthetsis of conclusion, virtual experimental area, fast simulations	⊘	⊘	
Development supported by the delivery of knowledge	⊘	⊘	⊘ (+/-)
Test support solution	⊘	(+/−)	⊘
Report status of work to stakeholders	⊘	⊘	⊘
Maintain	⊘	⊘	⊘
Update knowledge base and provide <u>complete</u> up to date <u>model</u>	⊘	⊘	

■ My answer to be Agile and carry cargo...







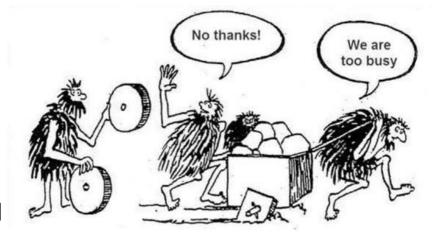
All extremes are fatal...

■ Anti-pattern

CASE tool

- Owning a model as a value
- Analyst & architects temple
- All is much too sophisticated
- "look at me!" diagrams
- Model prepared = works done!?





Project tool

- Collecting and working on data for analytical purposes
- Consuming effort in adjustment in opposition to using dedicated tools
- Now & here only matters
- Less is more! ...really?
- We are Agile! we don't need documentation!

■ Evolutionary scenario

Enterprise Architect on board and going to be more "Agile"!

Just JIRA and Confluence and going to be more predictible!

Aquire Prolaborate (and PCS) and share EA content via Prolaborate

- Integrate with JIRA & Confluence (if you already own it)
- *Run project using JIRA as a project tool (if stakholders refuse to use EA and Prolaborate)

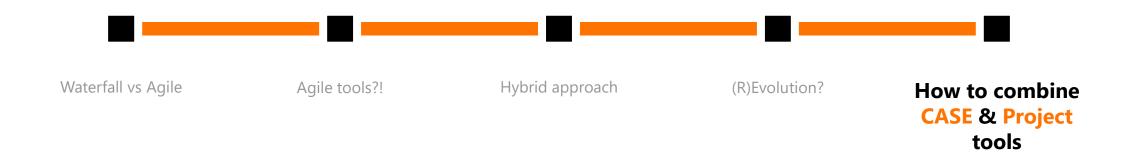
- Lead project as far as now but refere to content in EA via Prolaborate
- Work on scope and decide on priorities, based on facts and data stored in EA repositories

Use EA models and repository in each case when discussing solution!

Adopt tools within retrospective meetings – tune it!

Do not duplicate data between your tools!





EA as the CASE,

JIRA as the issue tracker and task management tool,

Prolaborate as the glue!



Enterprise Architect

- 1 Repo(sitory) for all knowledge
- All notation and standards are supported
 - ArchiMate
 - BPMN
 - UML
 - ...MDG's etc.
- Categorisation of information
- Provide viewpoints adressed to particular stakeholder
 - Undestanding
 - Expectations



JIRA

- Agile shape of project information (Epic, Story, tasks, ...)
- Task management
- Communication
- Notifications
- Reports of work done

Prolaborate

Sharing and Collaboration Software for Enterprise Architect

1 REPO

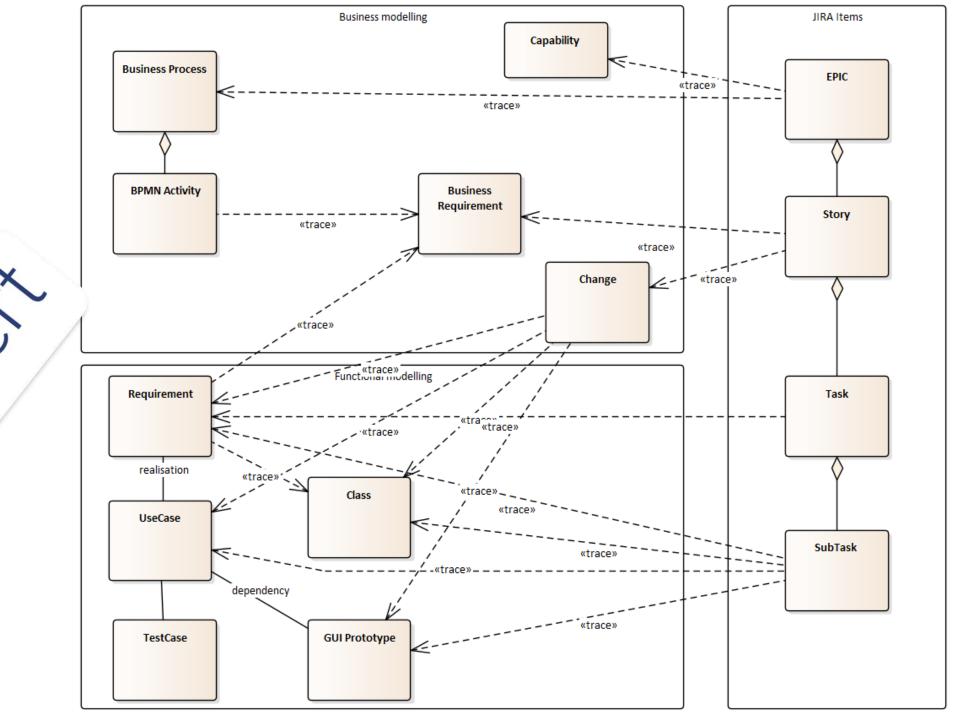
2 RULE ALL



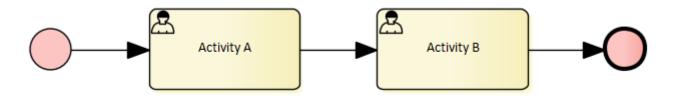
Publish models where it matters most

SCENARIOHow to (pro)colaborate with tools

■ Information architecture

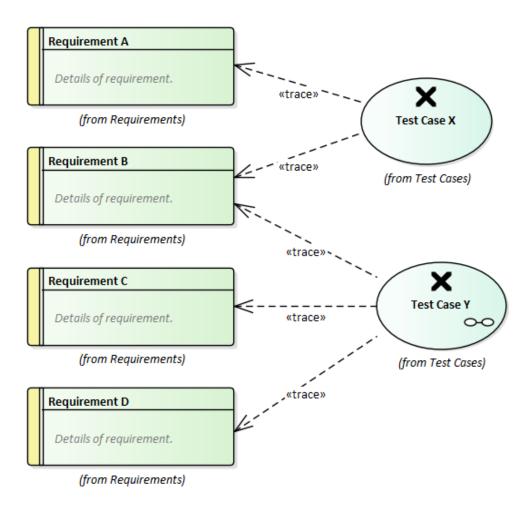


■ Enterprise Architect content



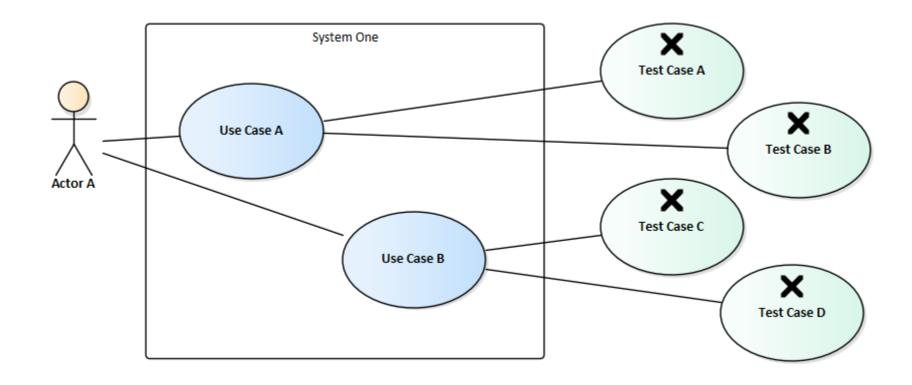


■ Enterprise Architect content





■ Enterprise Architect content

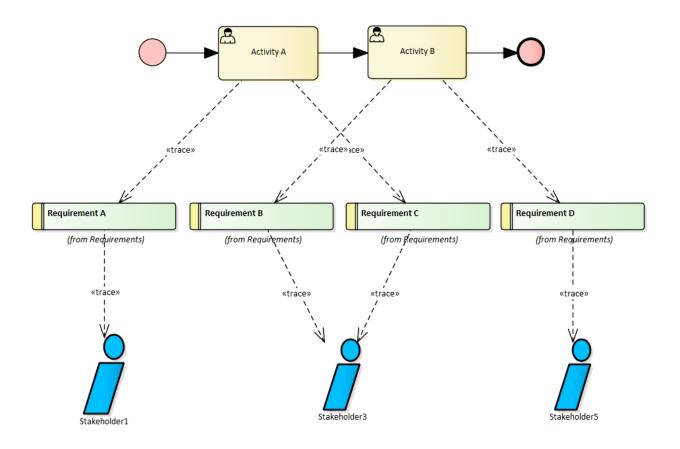




Let's model something!

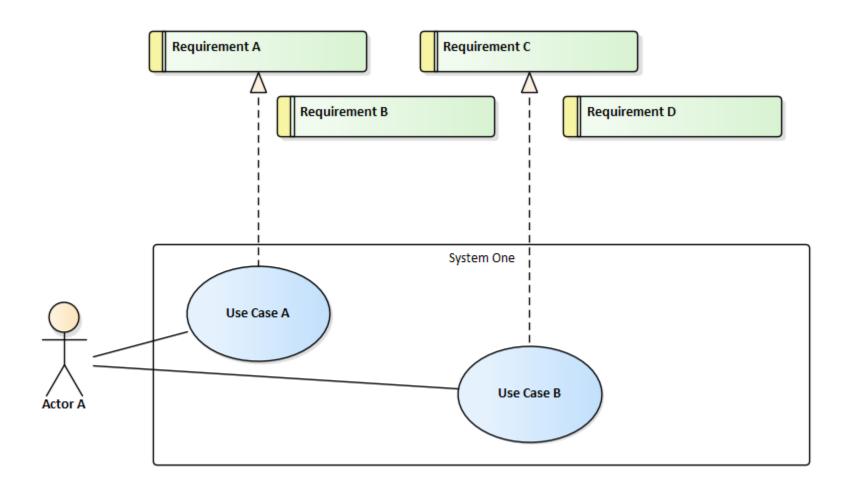
Use relations defined by your metamodel!

■ Business concerns identyfication perspective



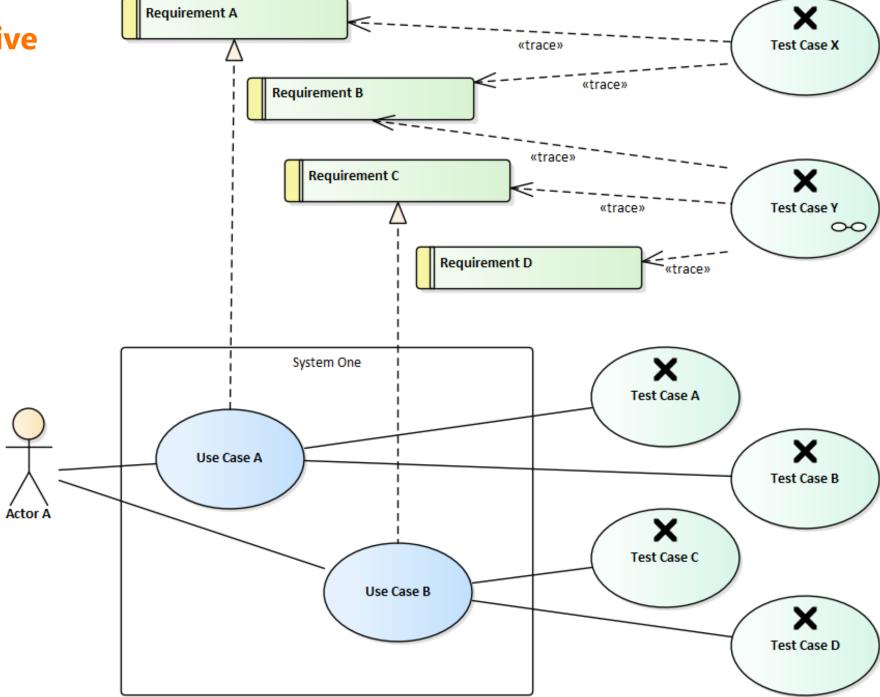


■ Requirements realization perspective



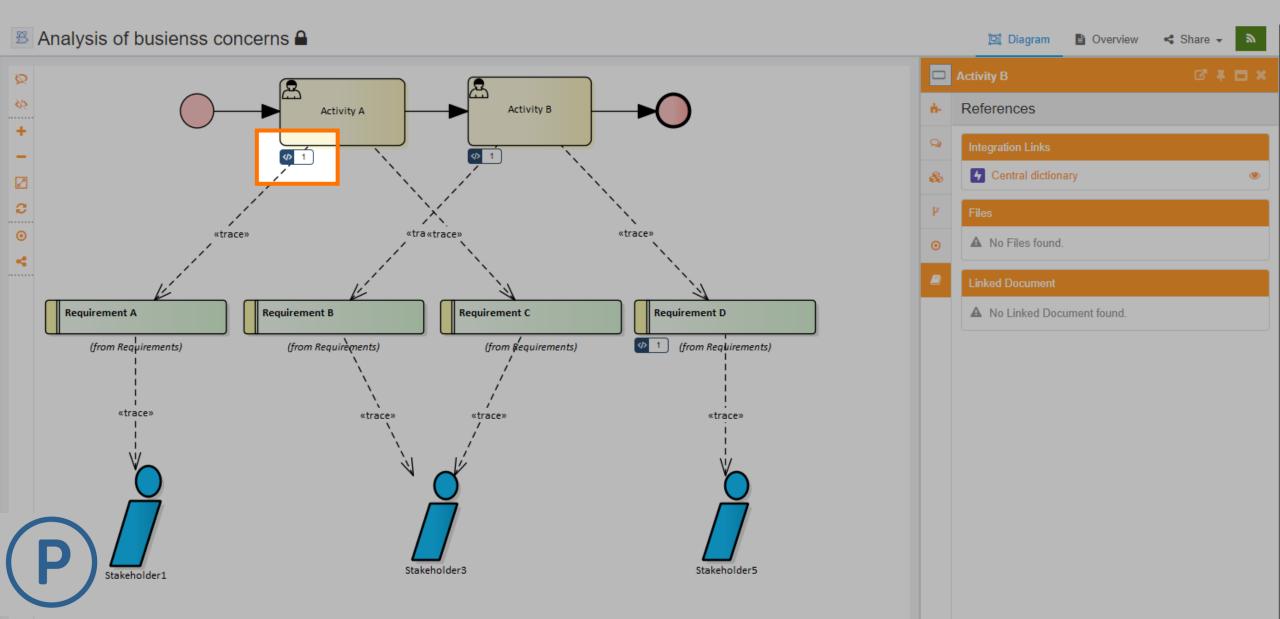


■ Testing perspective

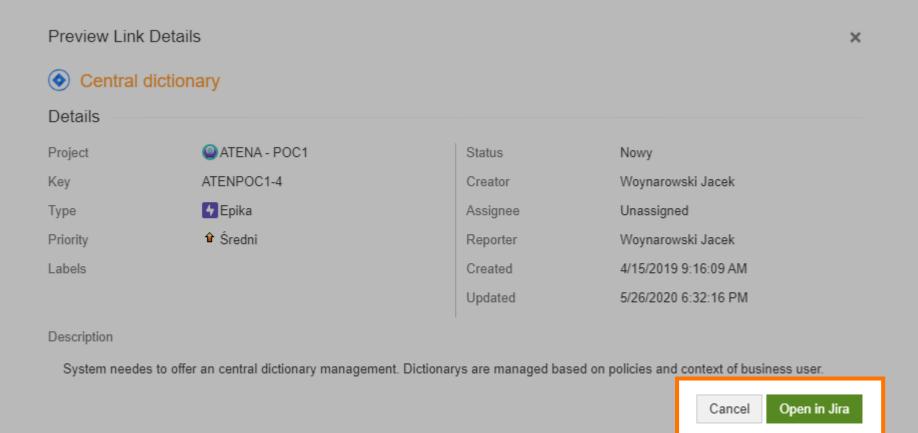




■ ..share by Prolaborate



■ View JIRA details in Prolaborate

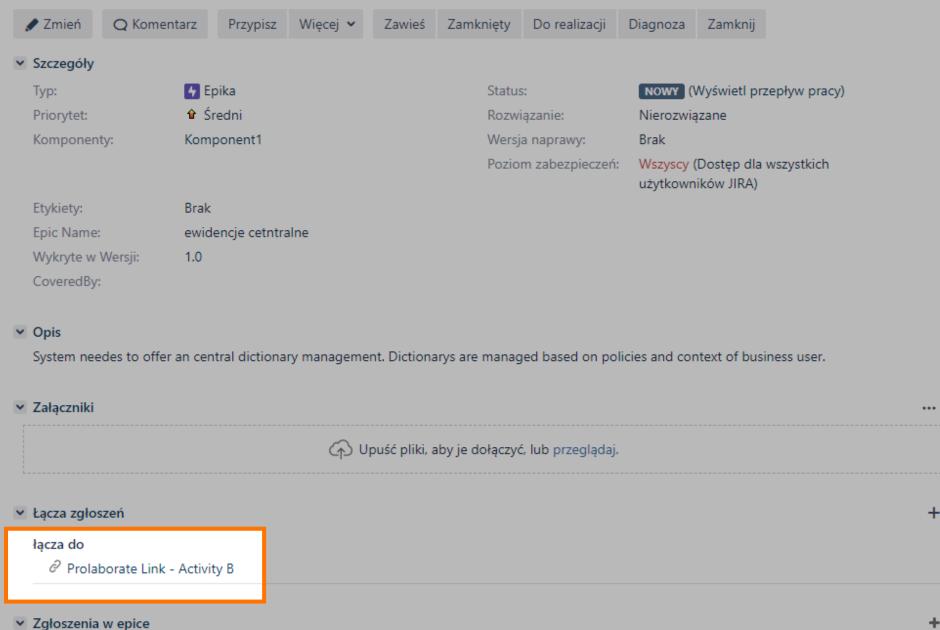




■ ...found in JIRA

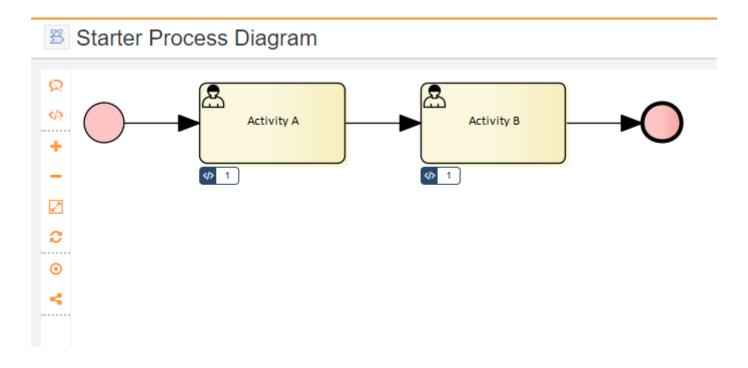


Brak zgłoszeń w tej epice.

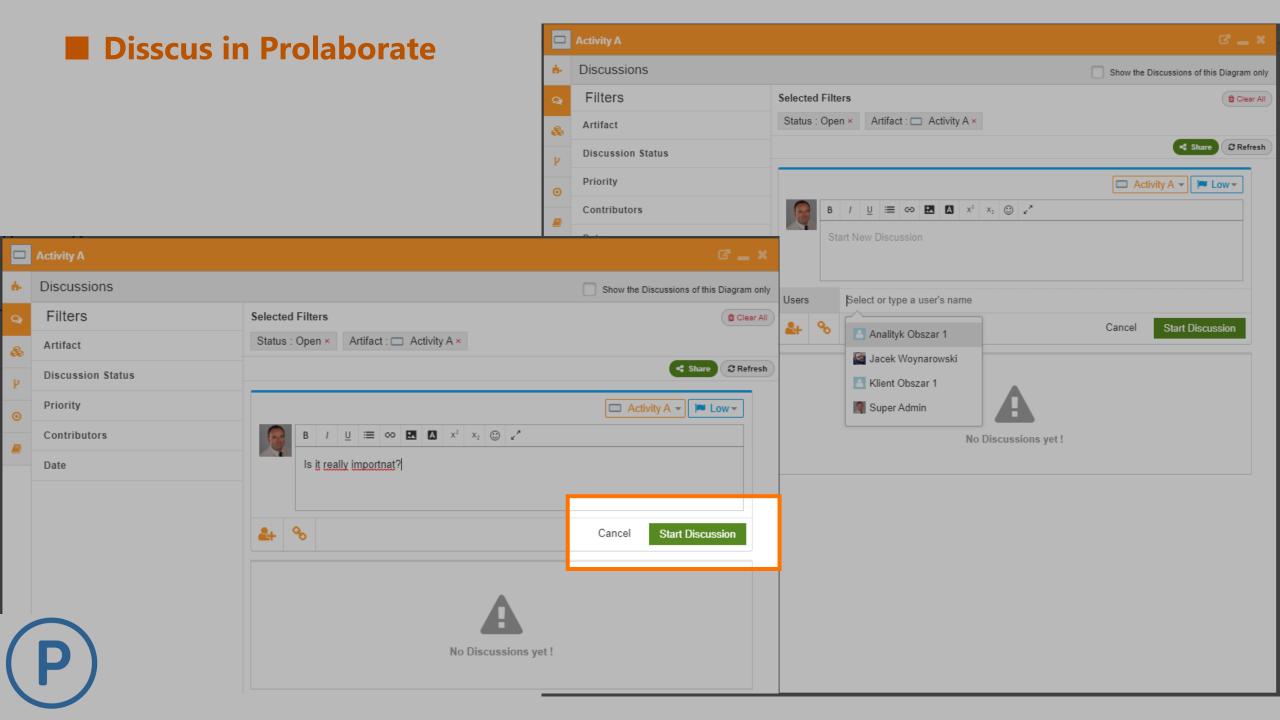




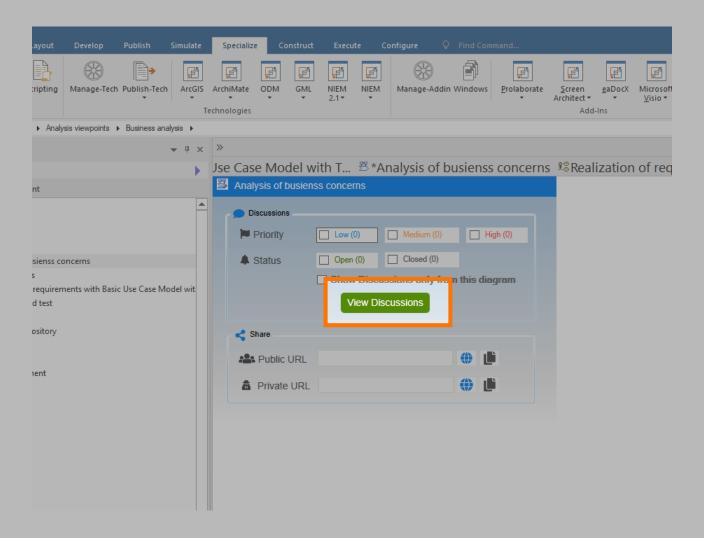
...and back





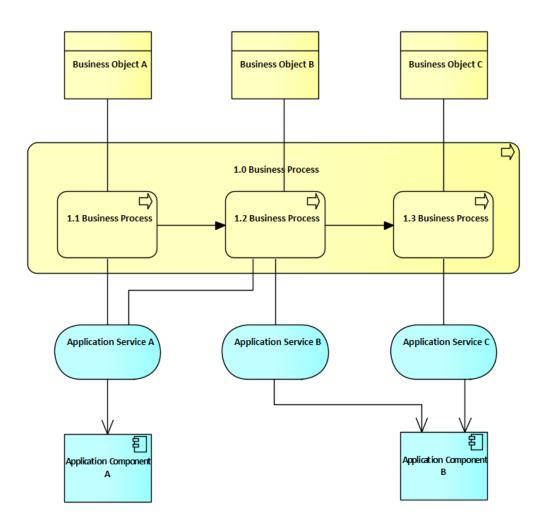


■ See disscusions in EA



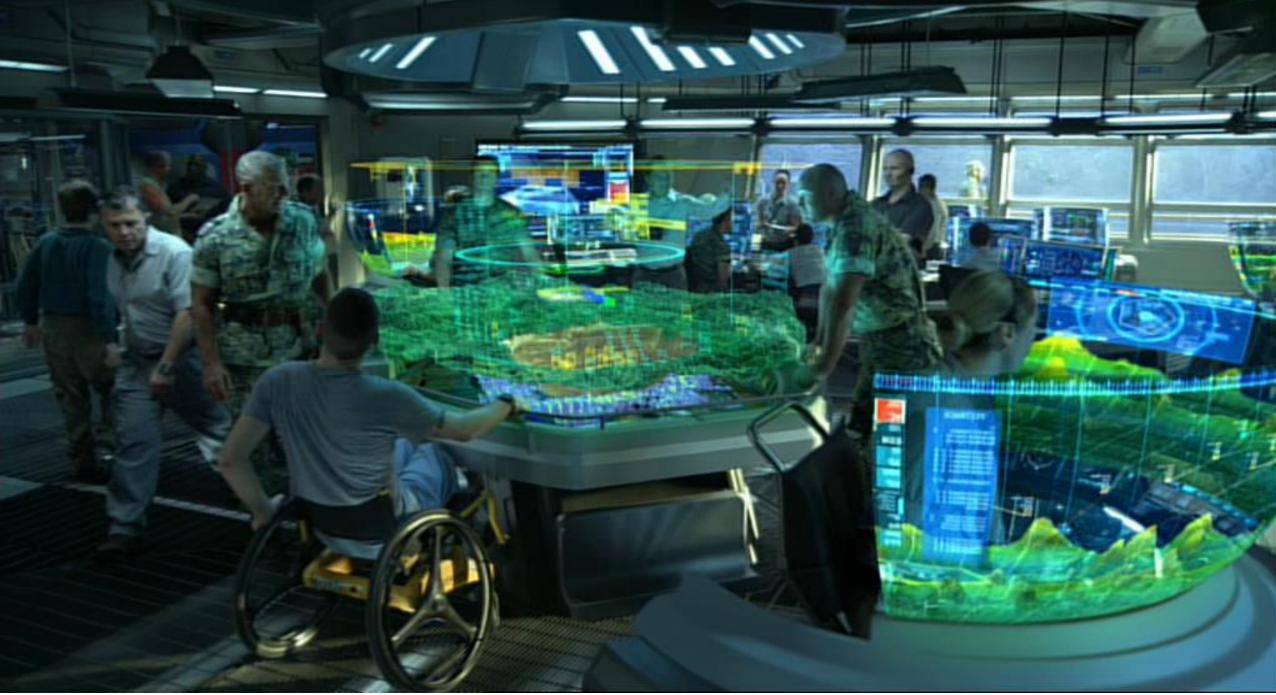


■ Design Enterprise Architecture

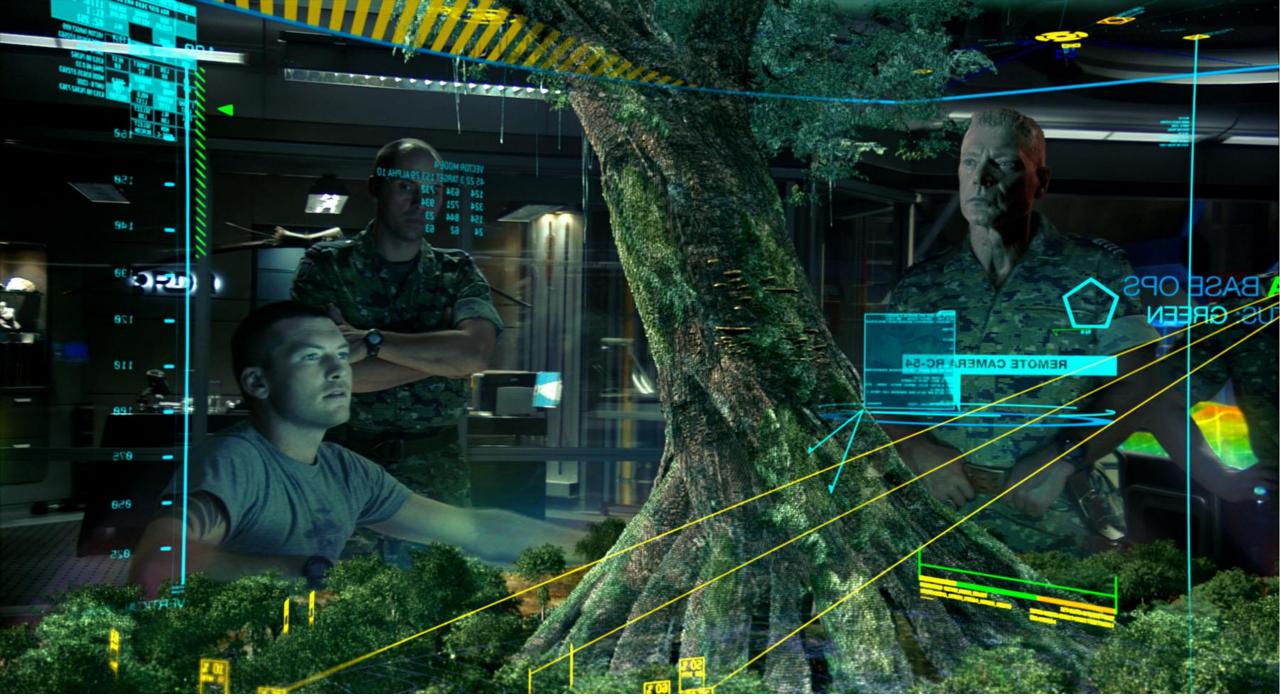








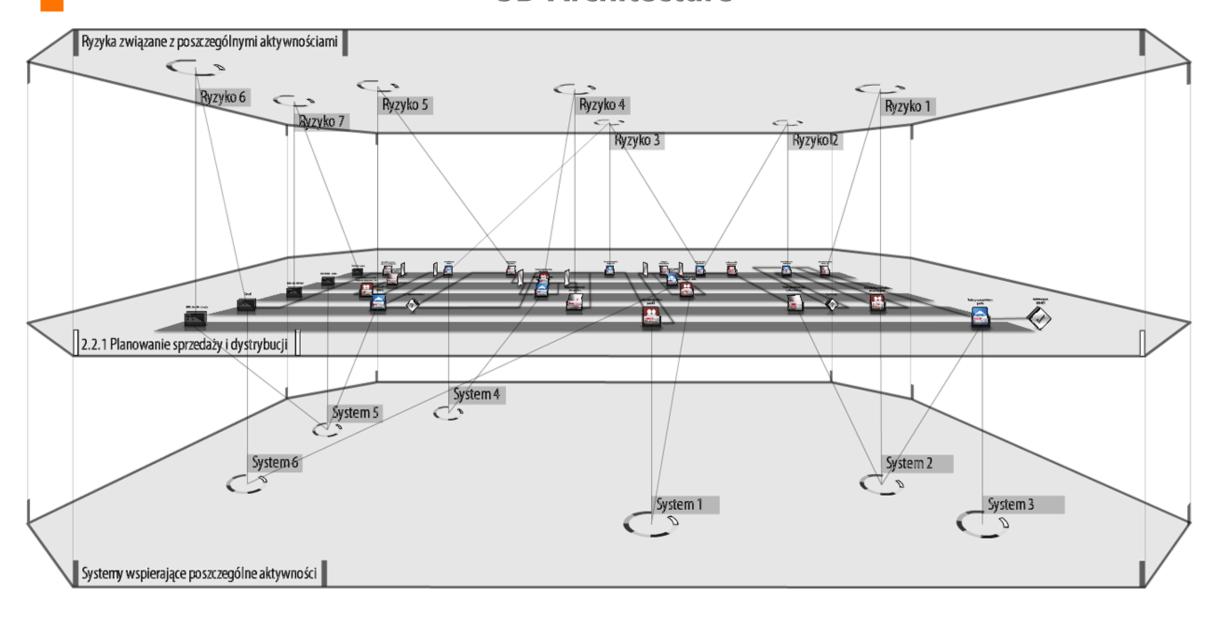
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Source: "Avatar", reż. J.Cameron



3D Architecture

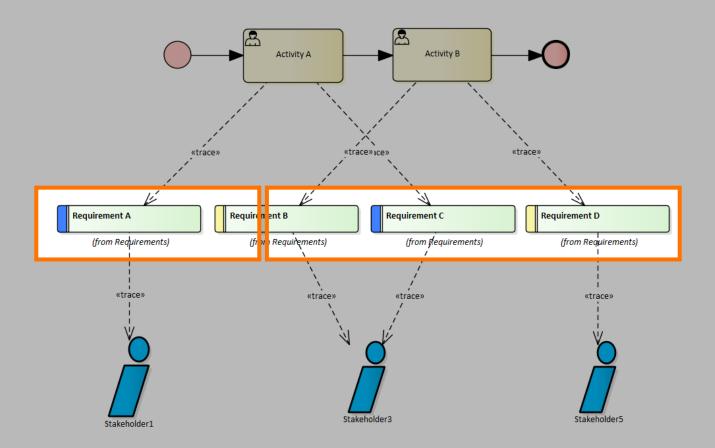


■ Impact analysis feature in Prolaborate



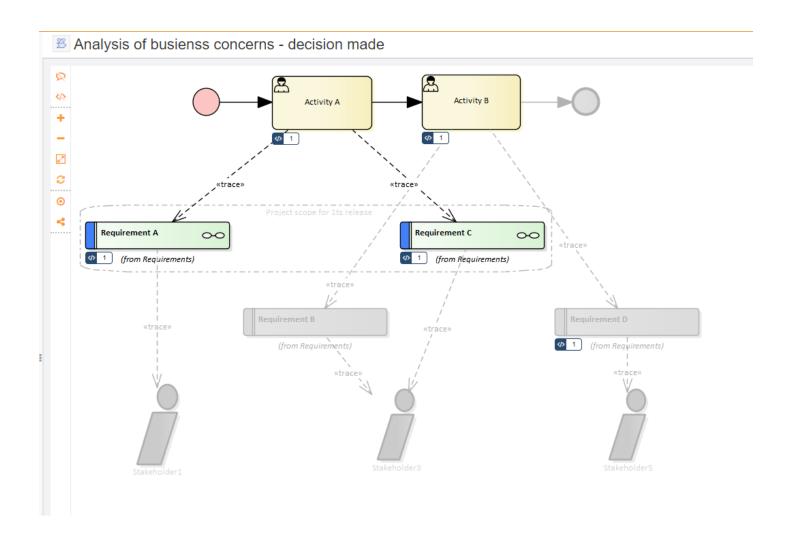


■ Decide in EA



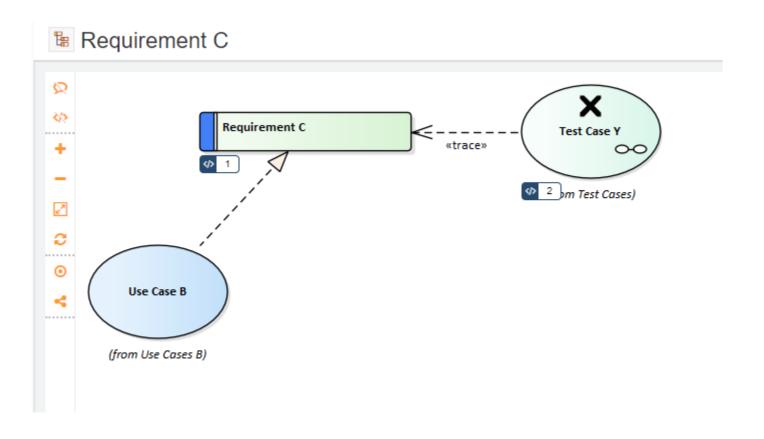


■ Share decisions made via Prolaborate



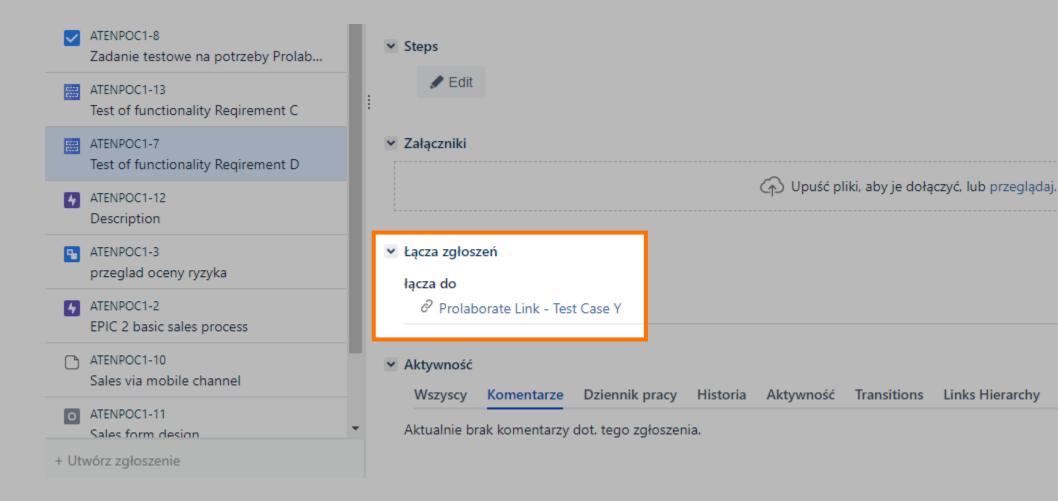


■ Drill down information

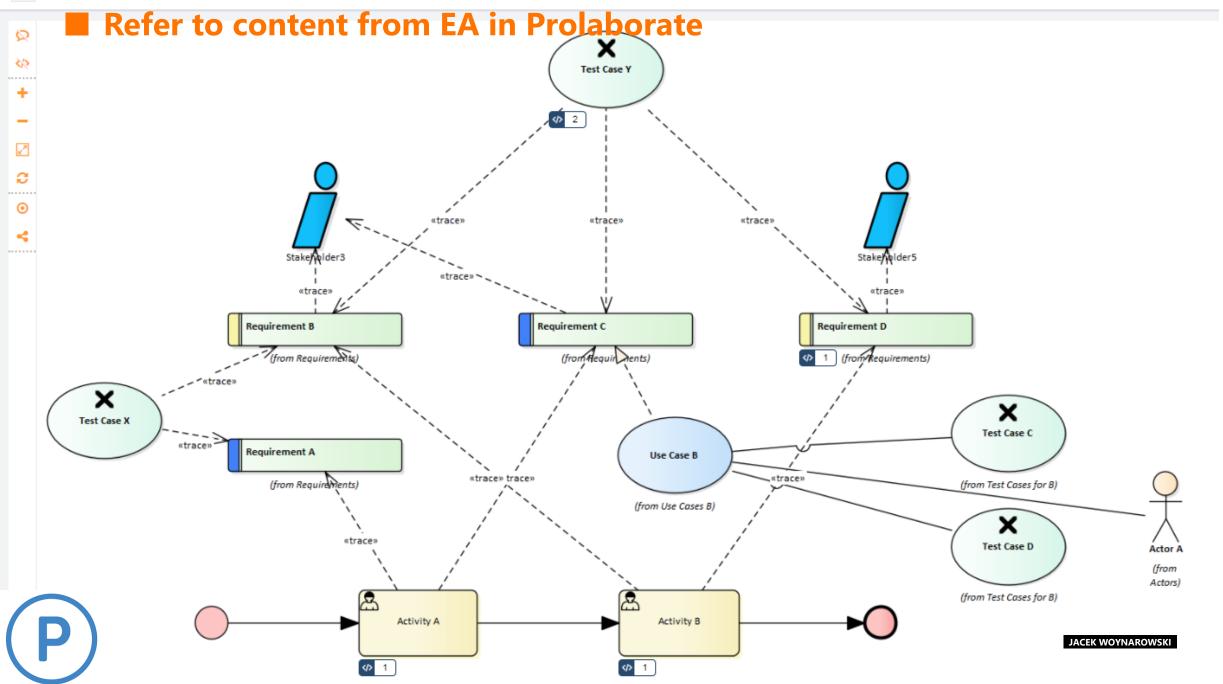




Act in JIRA



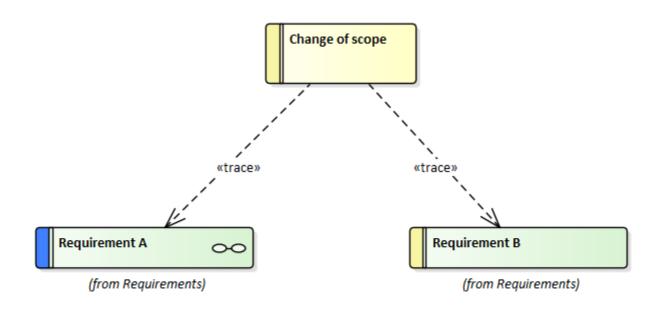




Change management

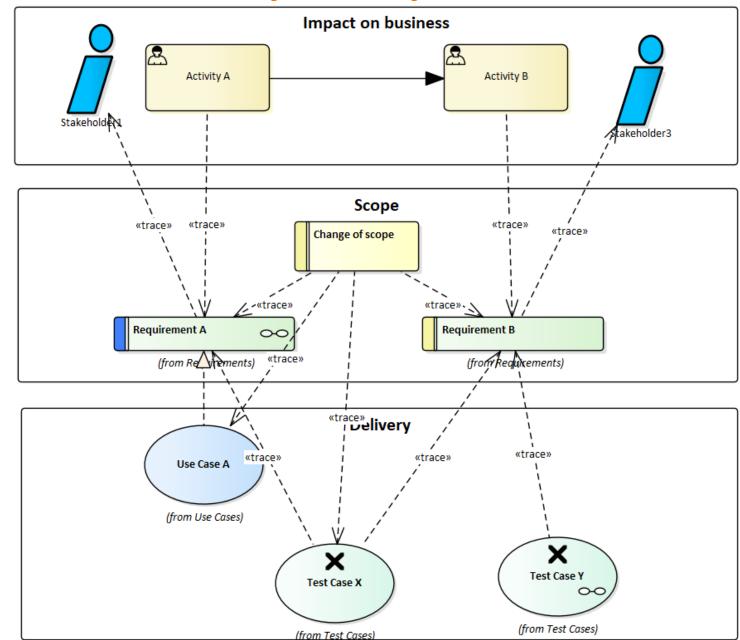
Point only this what has been changed

■ Change defined in EA



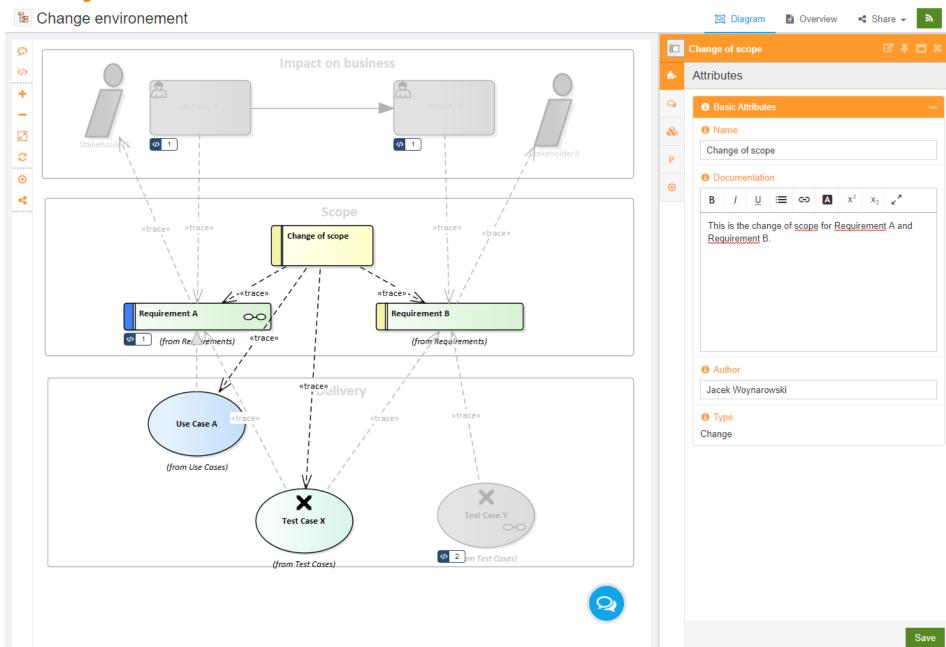


■ Change environment and impact analysis in EA





■ Shared by Prolarate & connected to JIRA Issue

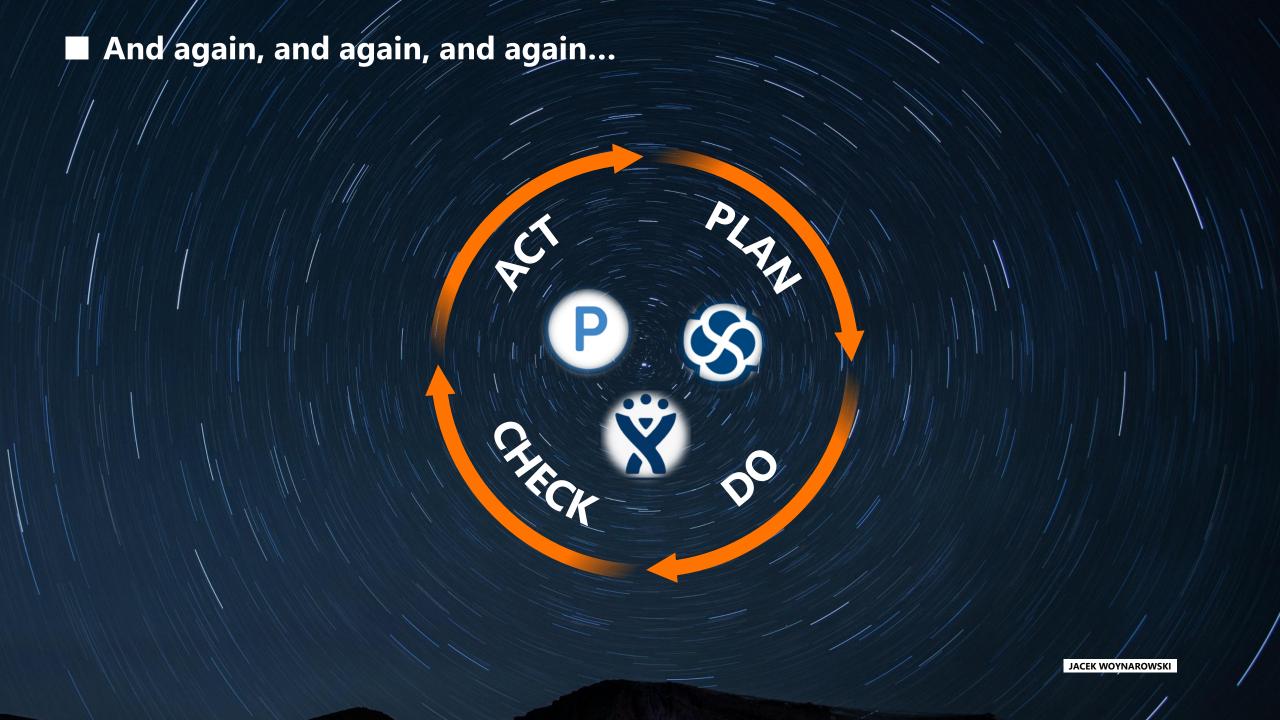




■ Change management documentation









Scope definition





SRS document





Change perspective





UAT based on UCs





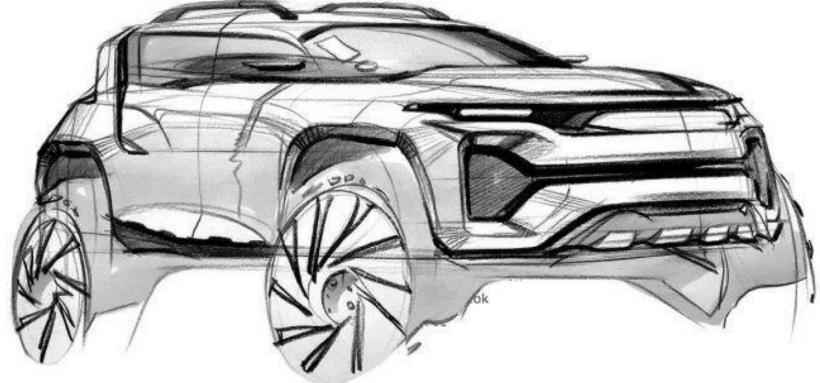
■ Just for the case...

- Use right and dedicated tools for particular purposes!
- Agile is a mindset not a tool!
- Build communication-based on the tools wisely!
- Different tools and approaches depending on the scale of the project!
- Adjustment should be embedded in the process delivery of the cargo!
- Do not lose your skills and good habits for modeling the world!
- Be Agile and deliver the full cargo! Documentation too... ©

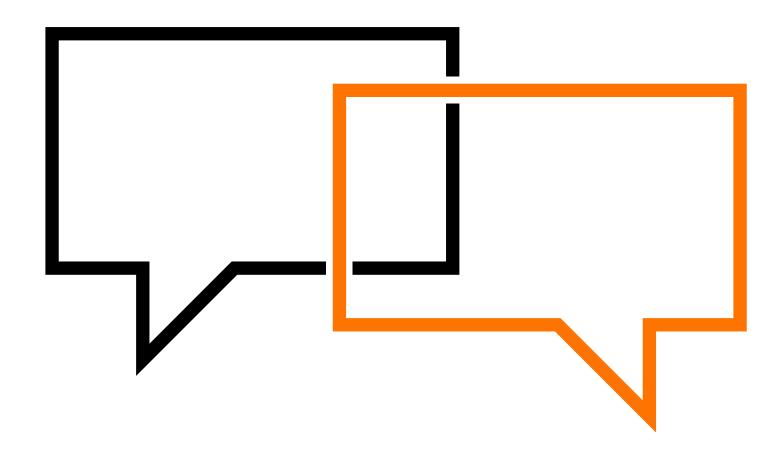


■ This is our...

Monster SUV









We got it!

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1repo.eu (under construction)