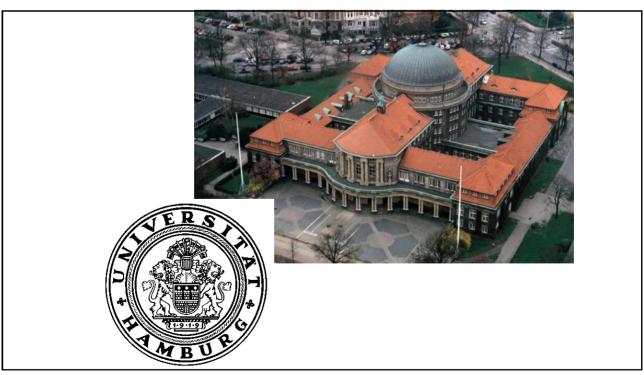


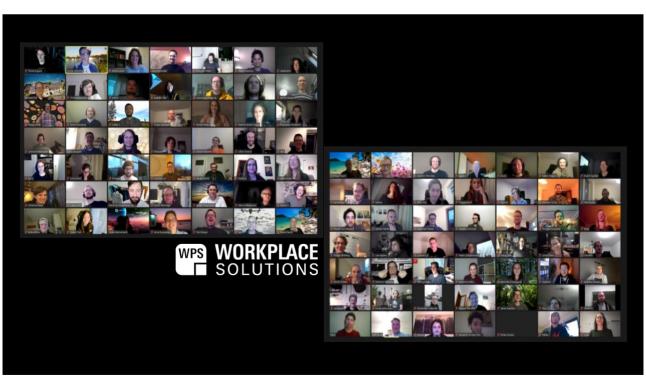
## @cairolali



Quelle: http://www.schulbilder.org/malvorlage-informatiker-i10418.html









# »Enjoyable Business Software«









Long useful life  $\rightarrow$  Investment pays off

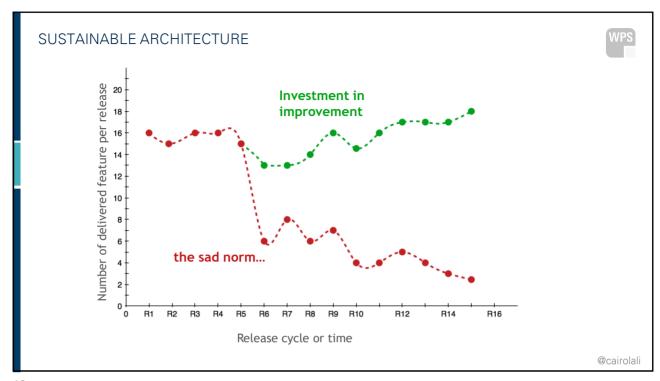


Lowest possible maintenance and extension costs

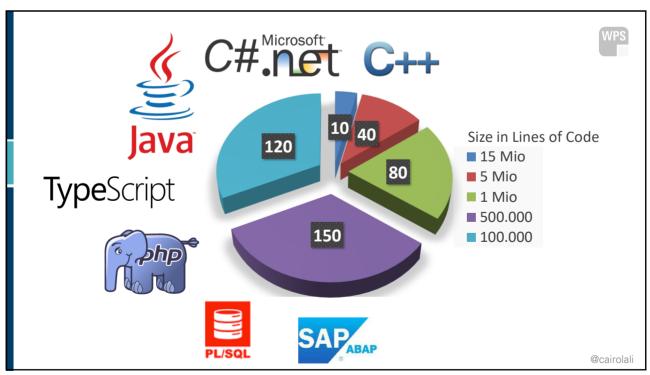


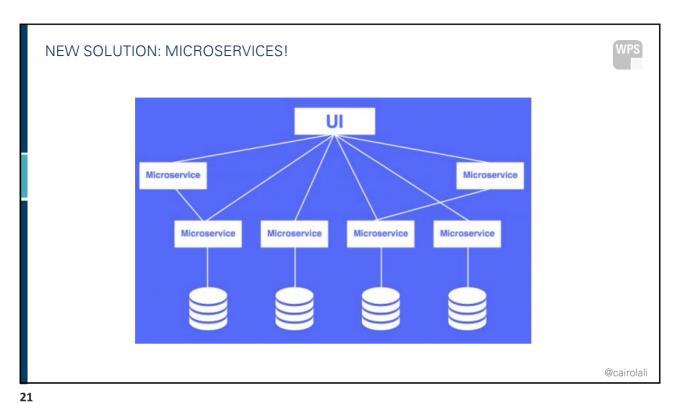
Sustainable architecture = easy to understand, to change, to extend

@cairolali

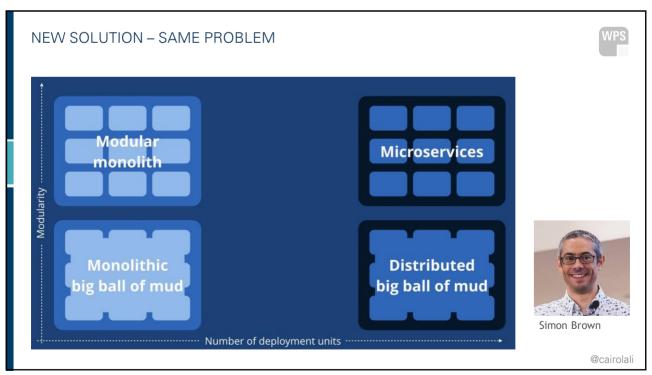


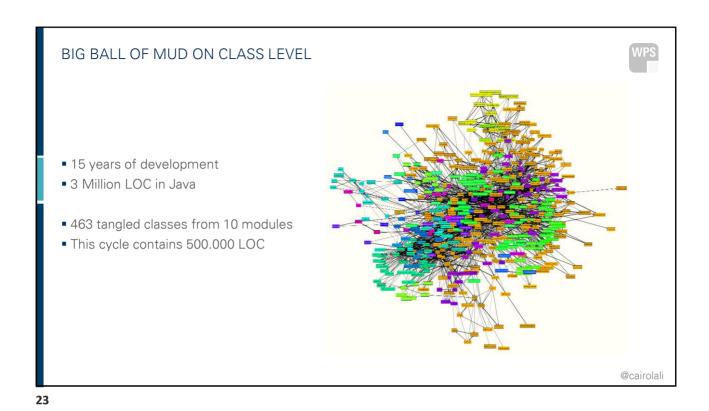


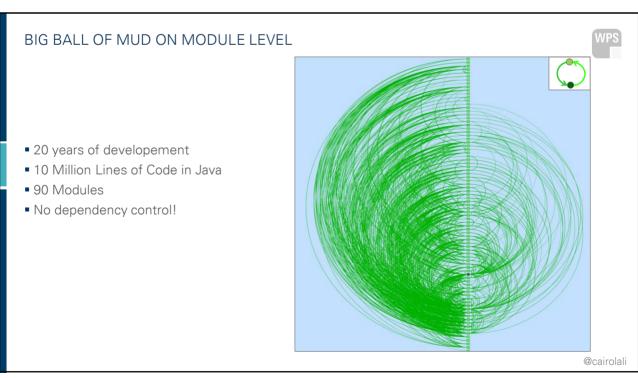


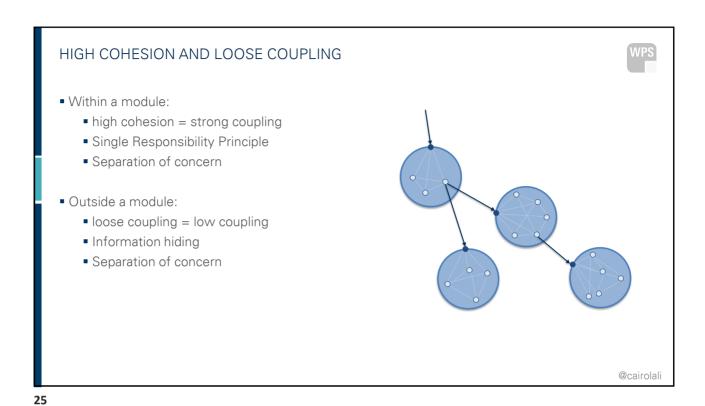


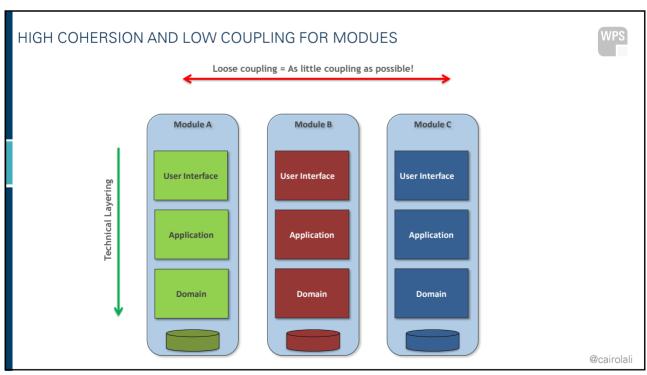
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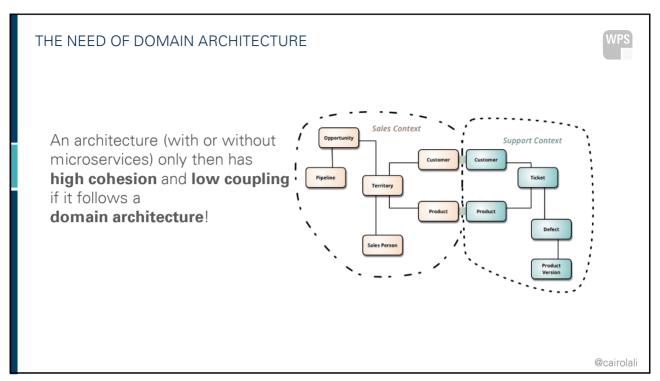


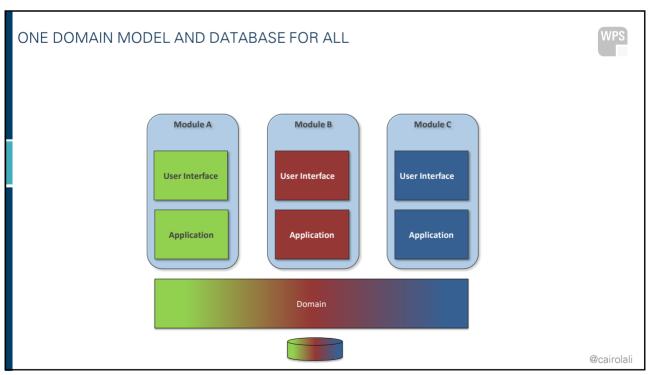












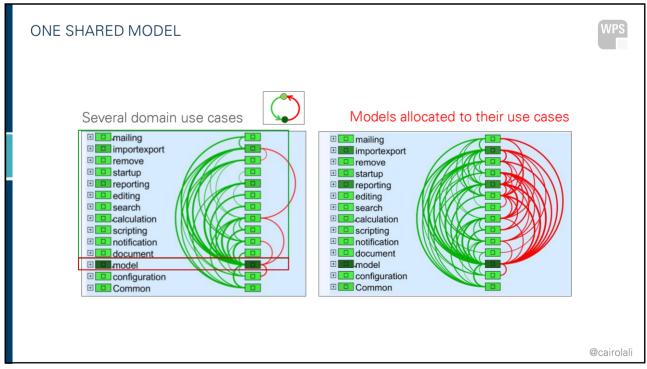
### THE OVERALL CONSISTENT MODEL

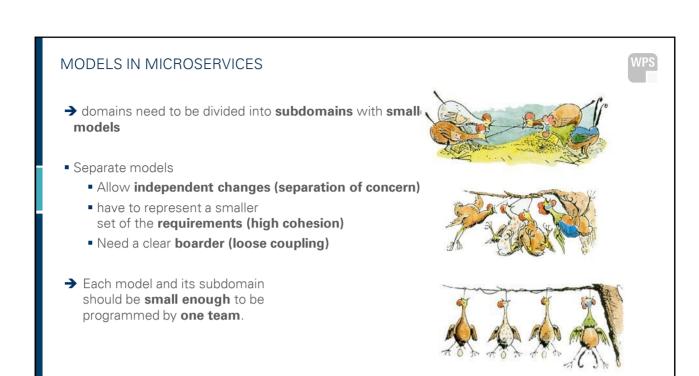


- In the 1990<sup>th</sup> fruitless tried on data models
- The idea was to create **one model** for an entire enterprise or even an entire domain
- → Much to complicated
- → High degree of coordination between teams
- →Often ends up with a lot of coupling in a big ball of mud

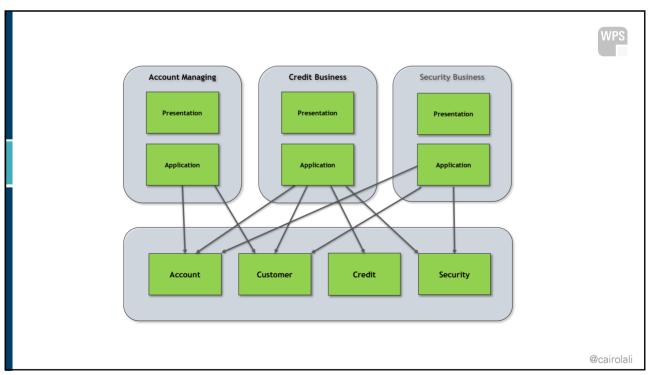


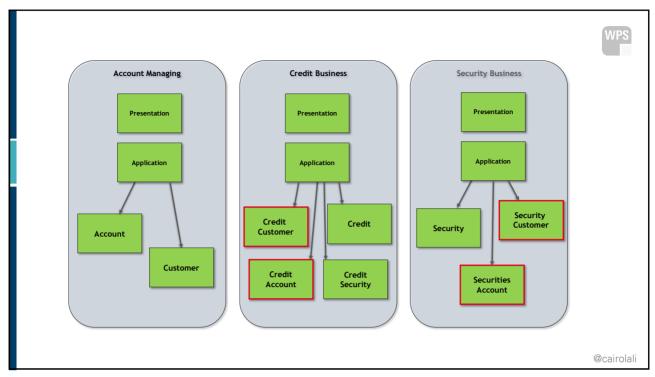
@cairolali

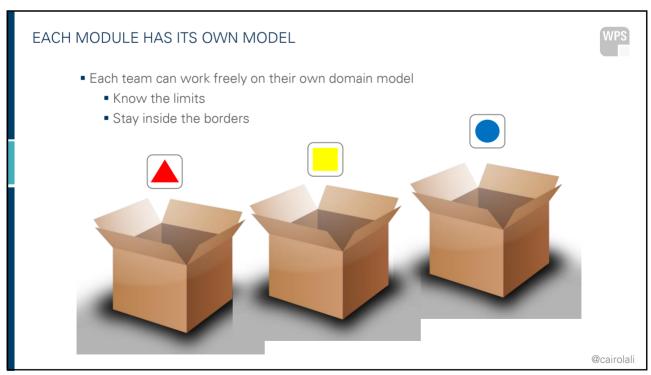


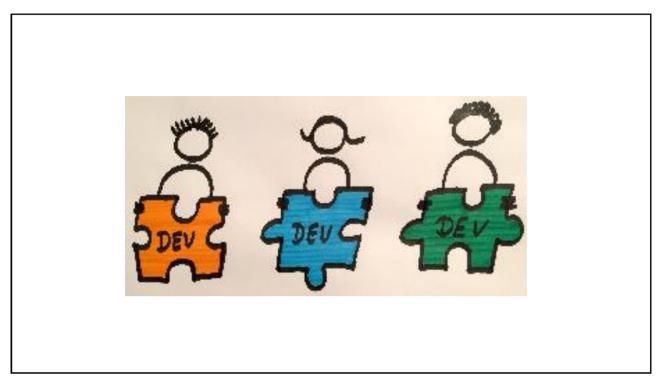


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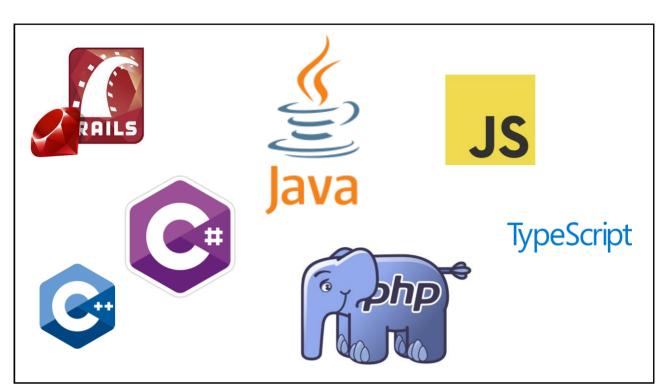




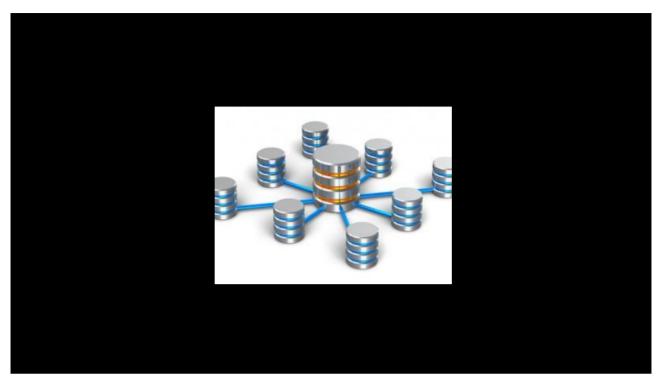




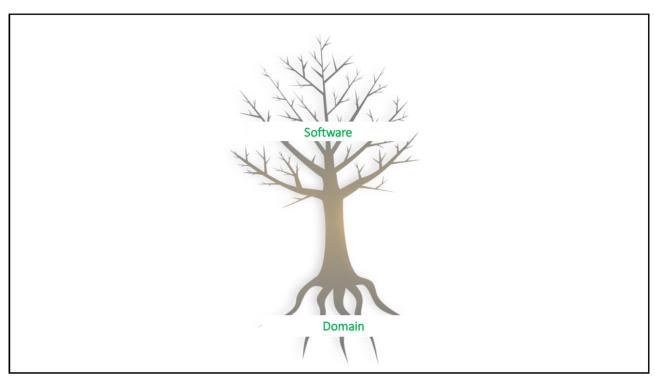






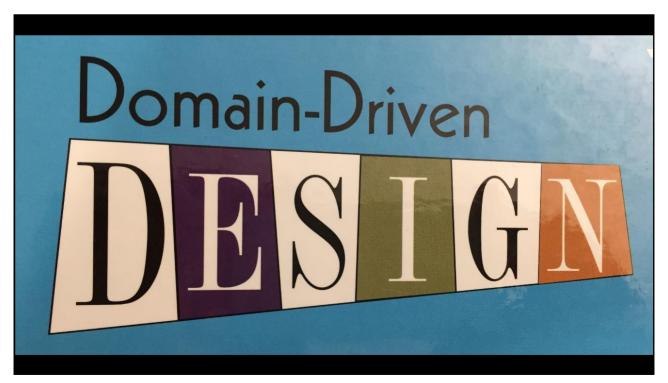




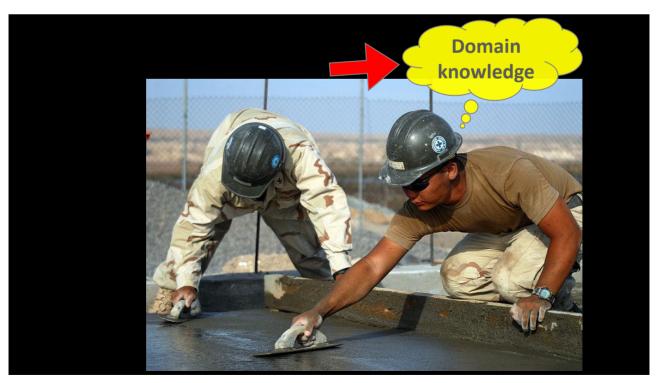


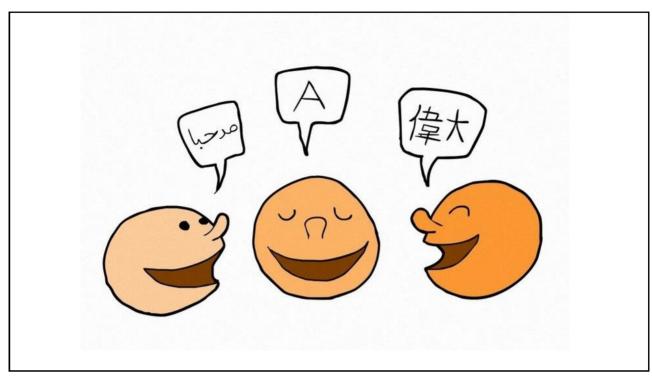


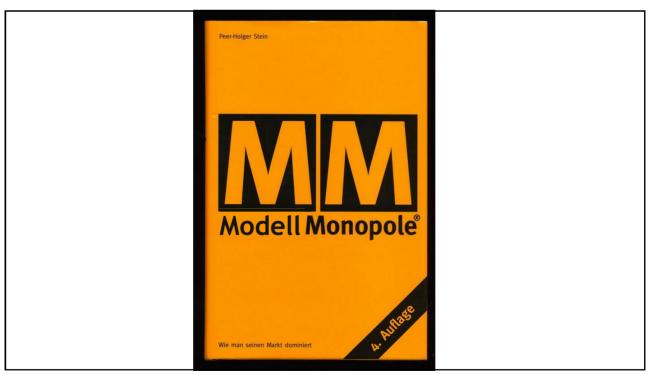
The source code only contains the understanding of the developer, not the requirements written down in the backlog by the business analysts.

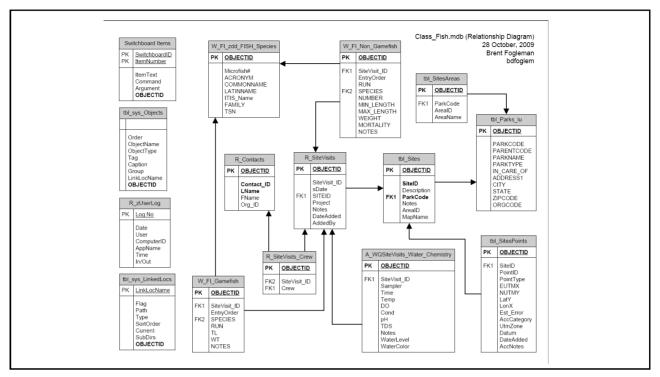












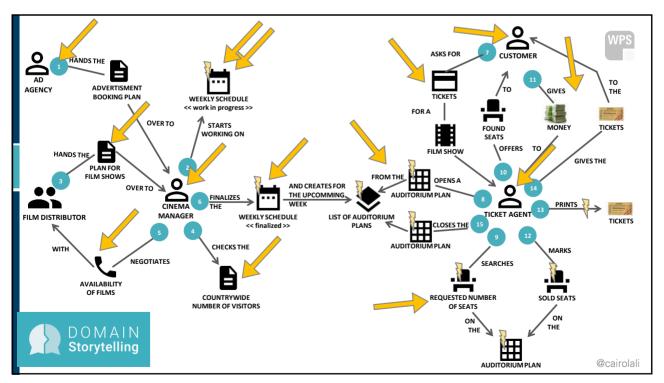


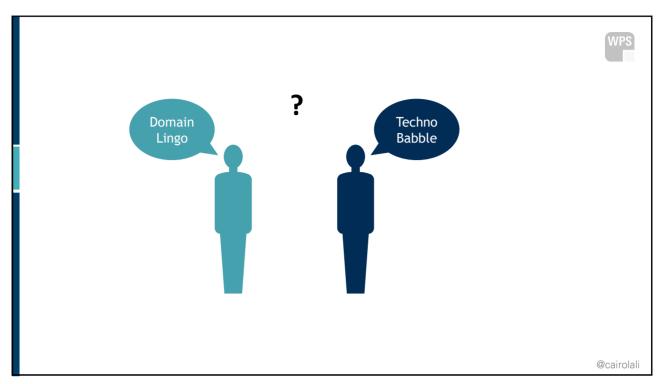


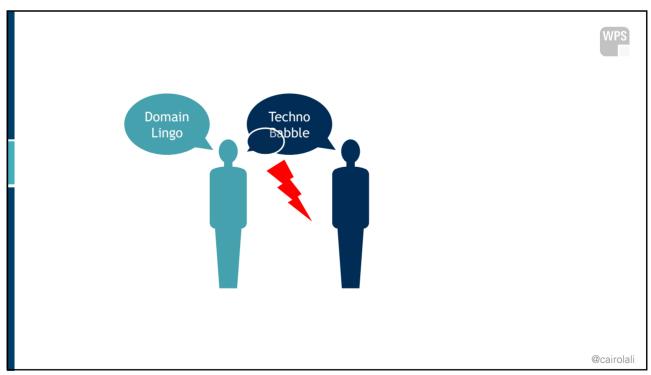


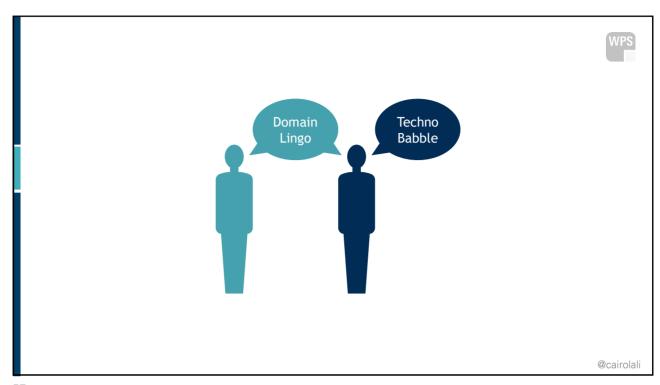


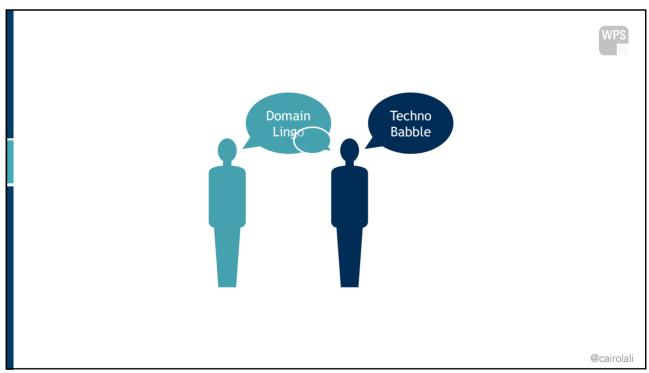


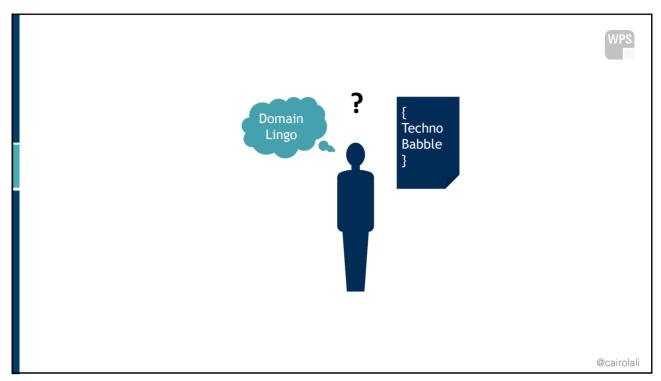


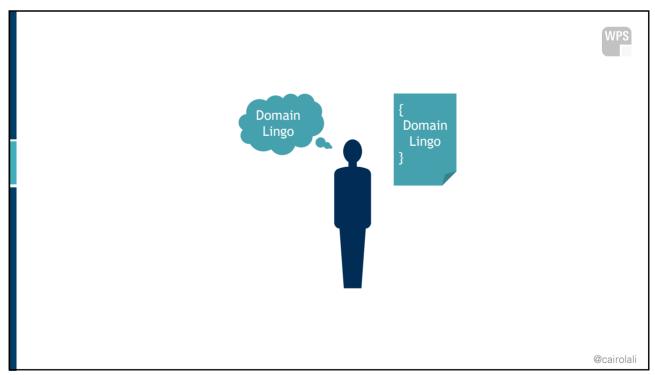












### UBIQUITOUS LANGUAGE

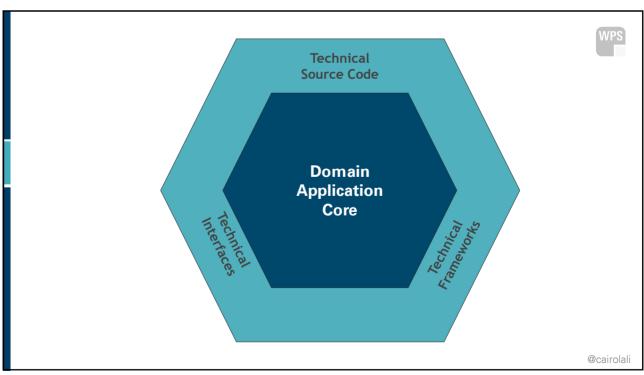


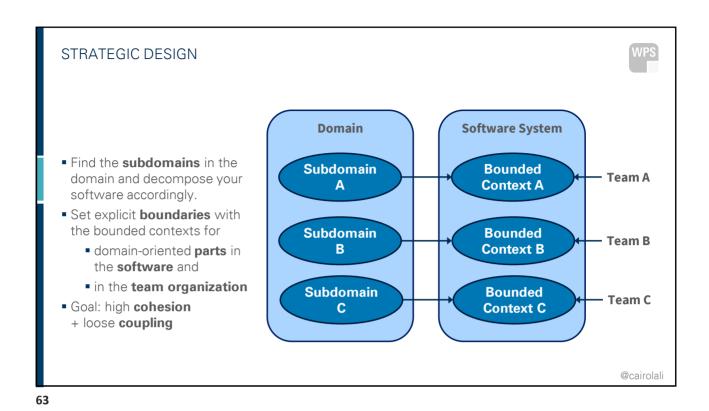
- Use the common language in
  - All communications
    - Speech
    - Writing
    - Diagrams
  - In the code

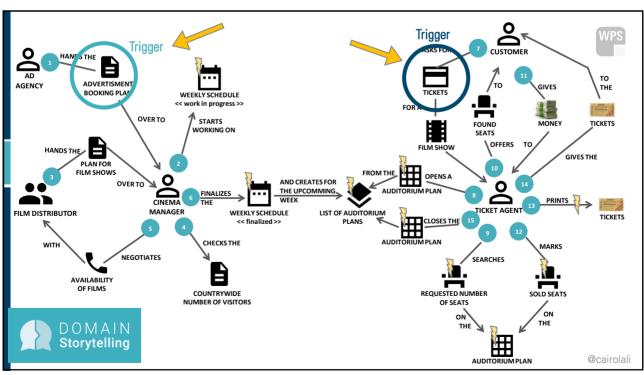


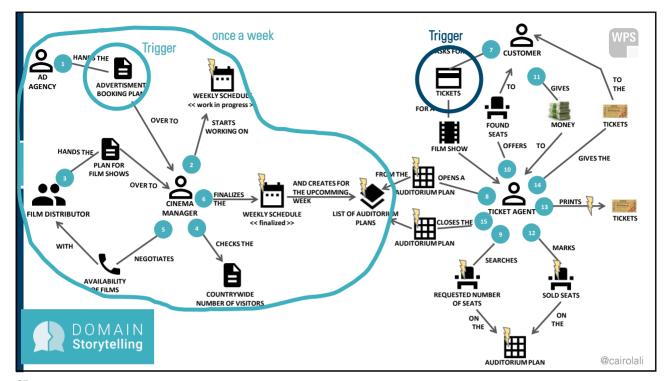
■ Basically everywhere → that is why it is called a *ubiquitous* language

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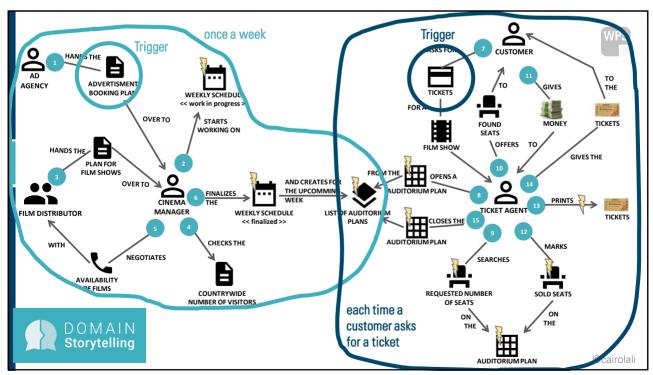


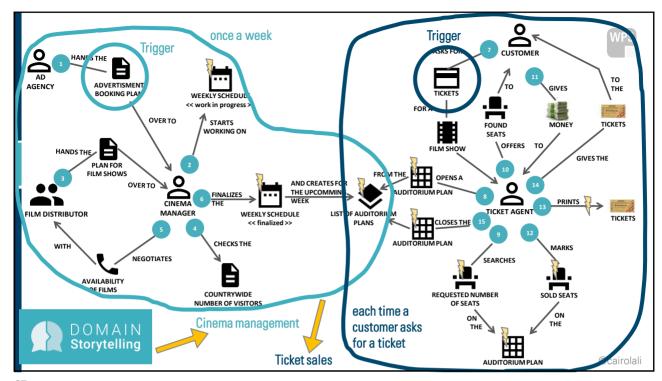




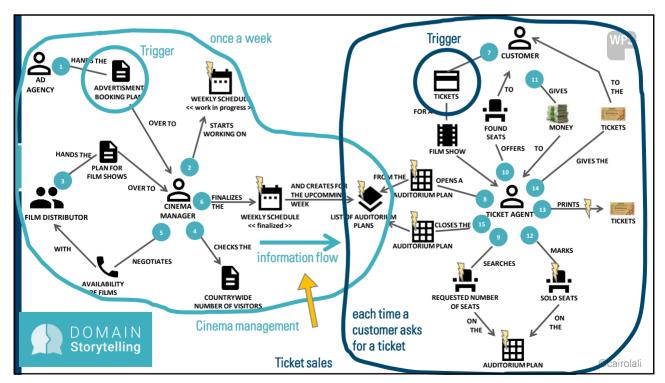


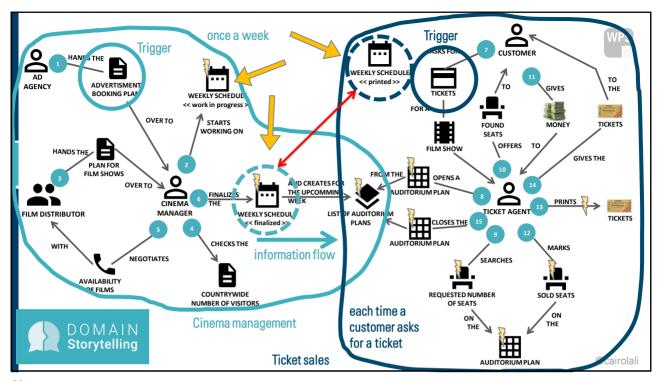


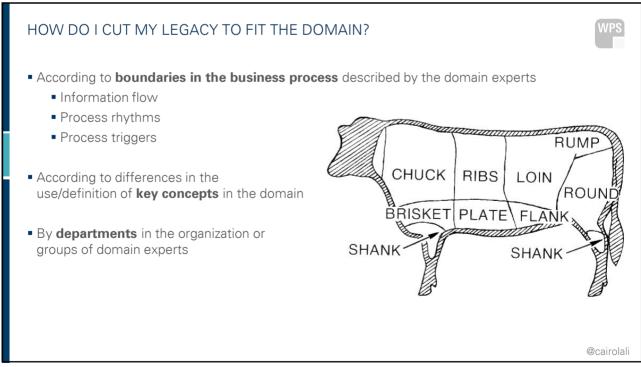


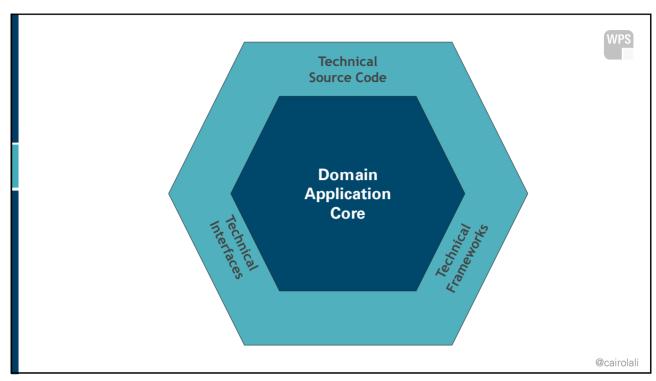


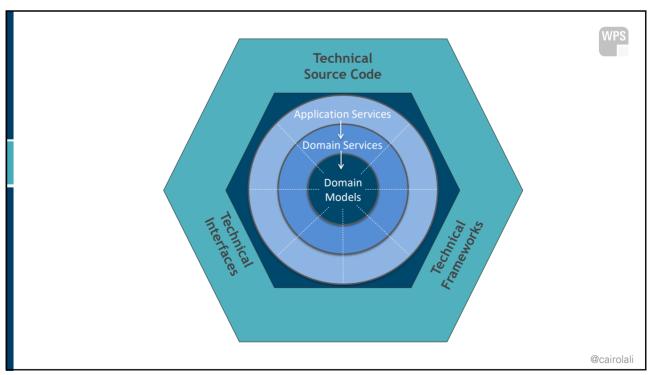


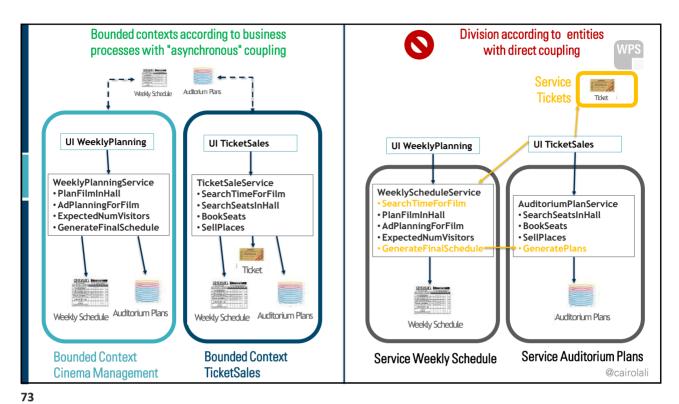




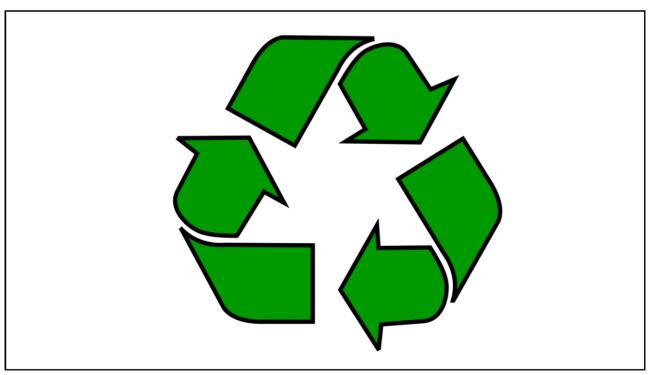


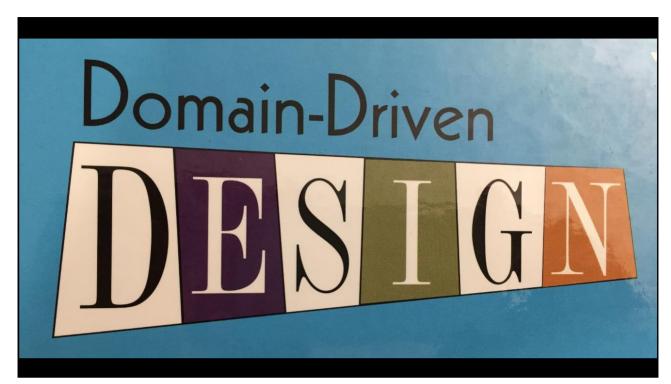


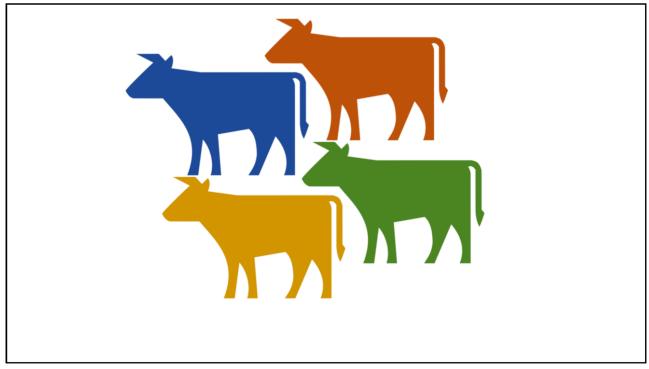


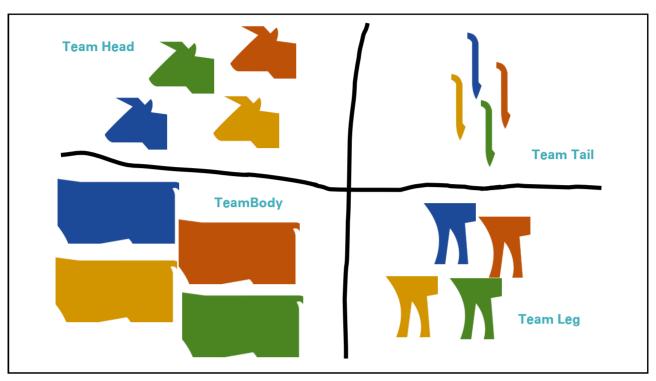


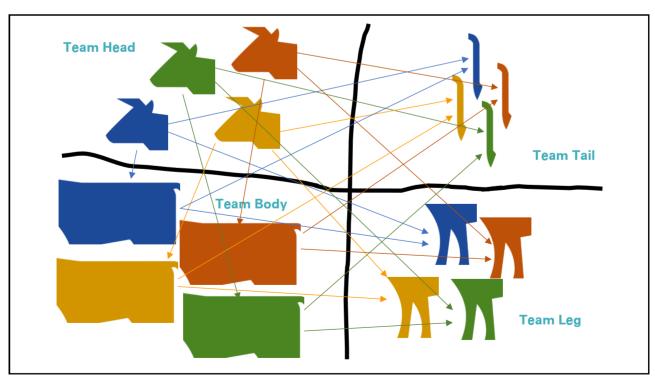


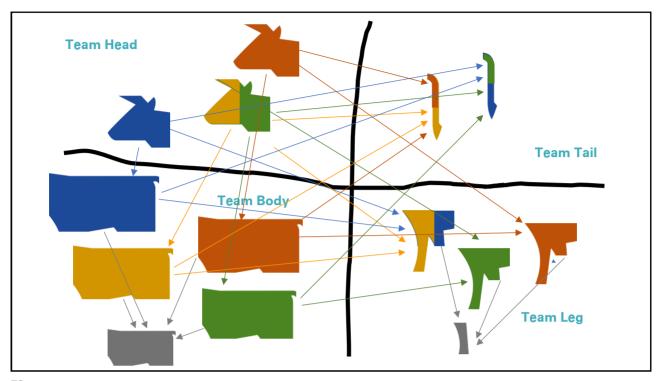






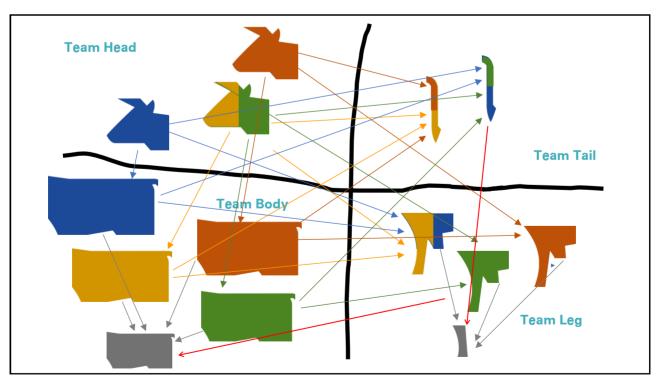






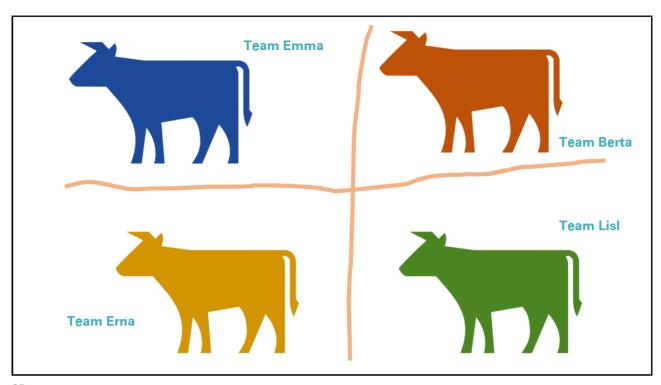


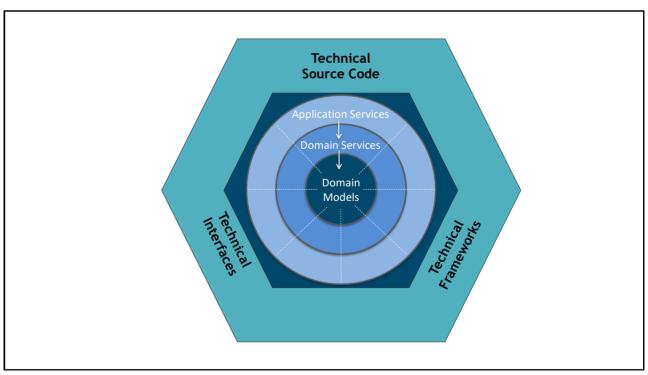


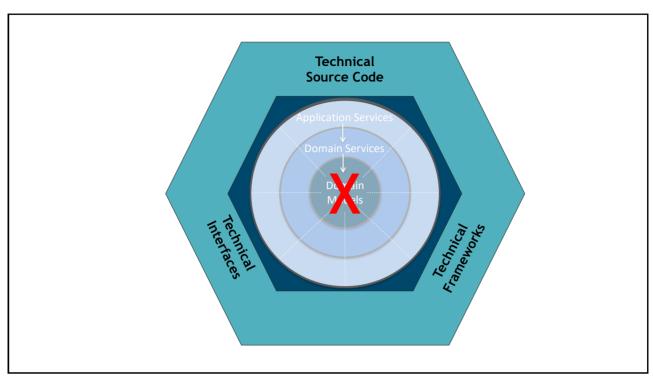


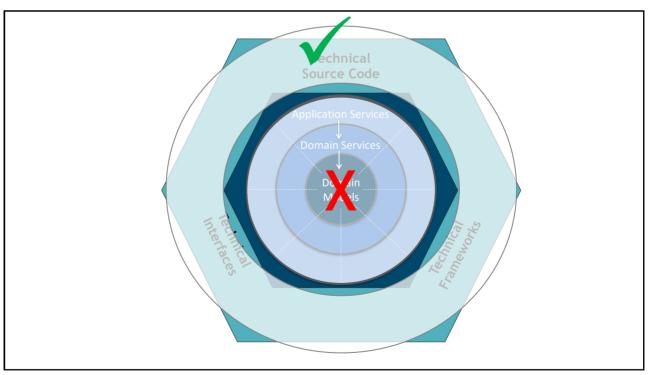


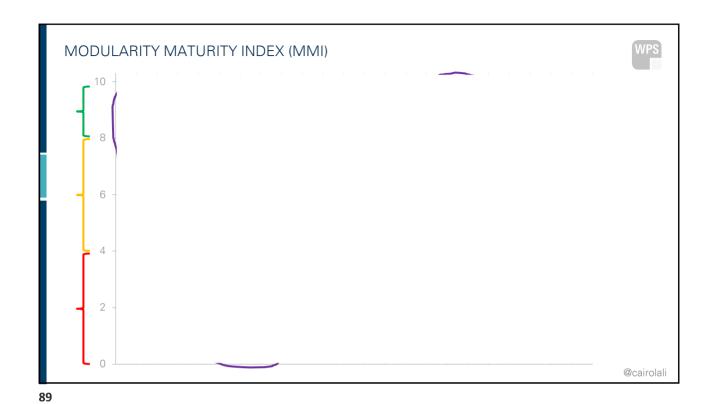


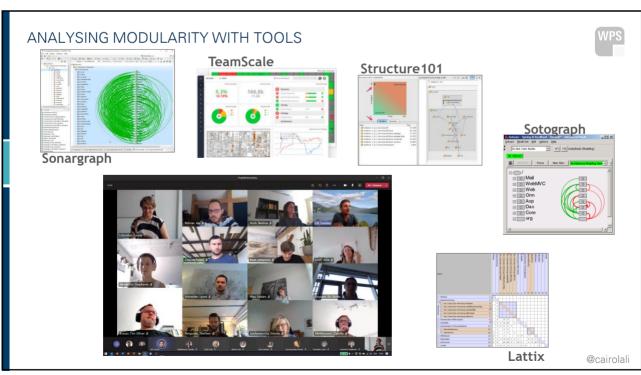












# THANK YOU FOR YOUR ATTENTION! @cairolali cl@wps.de Carola Lilienthal Sustainable Software Architecture Analyze and Reduce Technical Debt

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