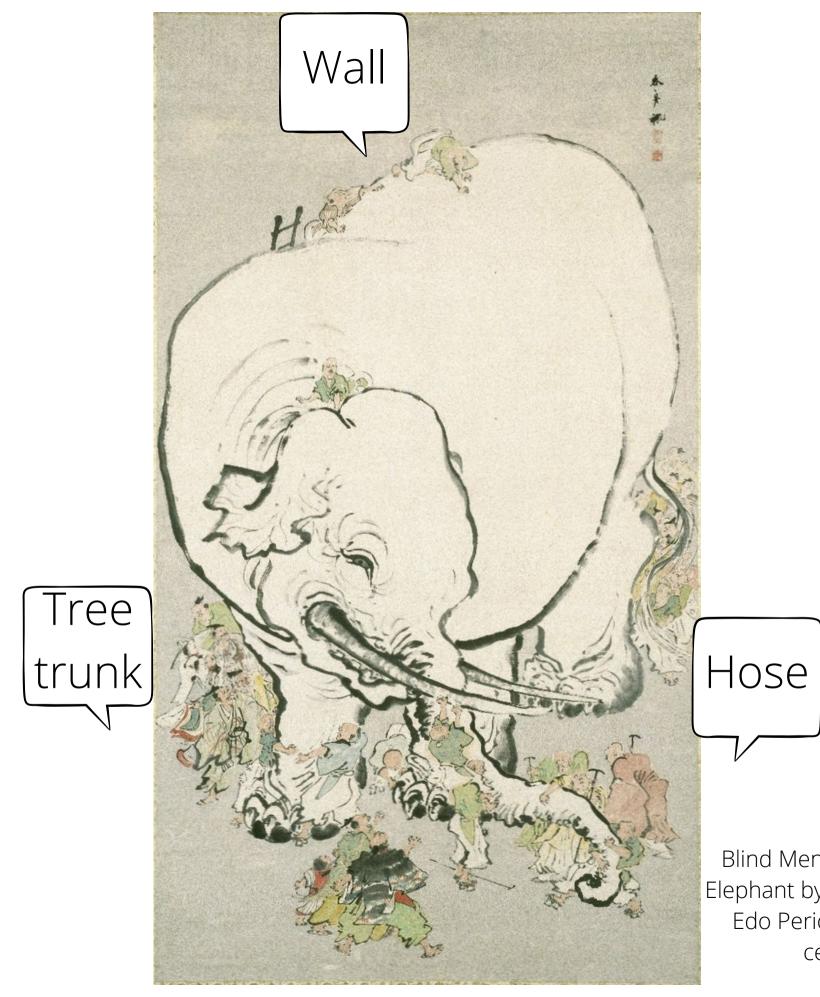


The best life hack, but for your software

Andrea Magnorsky @silverspoon



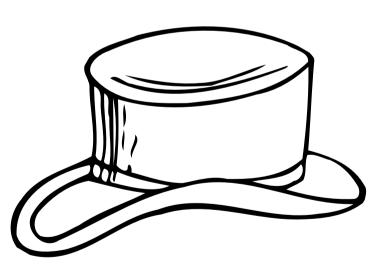


Blind Men Appraising an Elephant by Ohara Donshu, Edo Period (early 19th century)



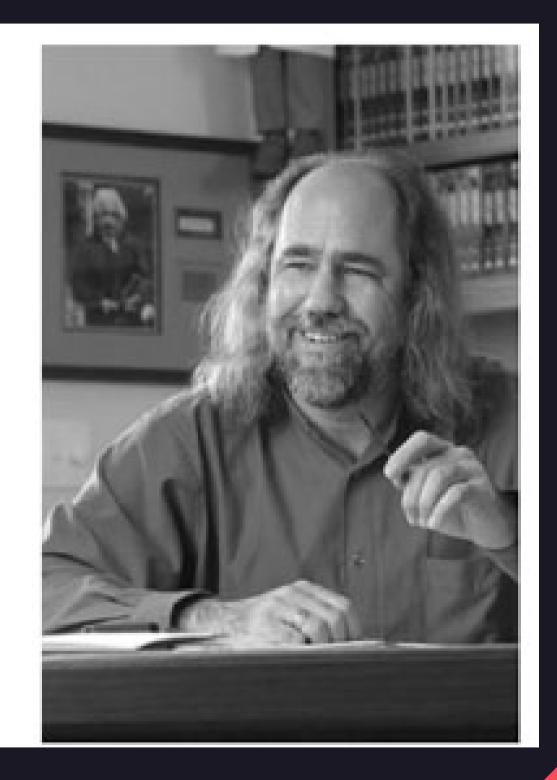






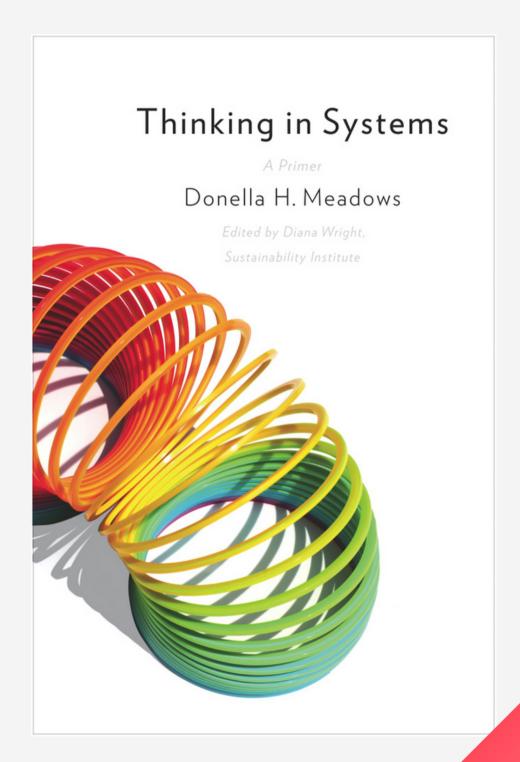
"All architecture is design but not all design is architecture. Architecture represents the significant design decisions that shape a system, where significant is measured by cost of change."

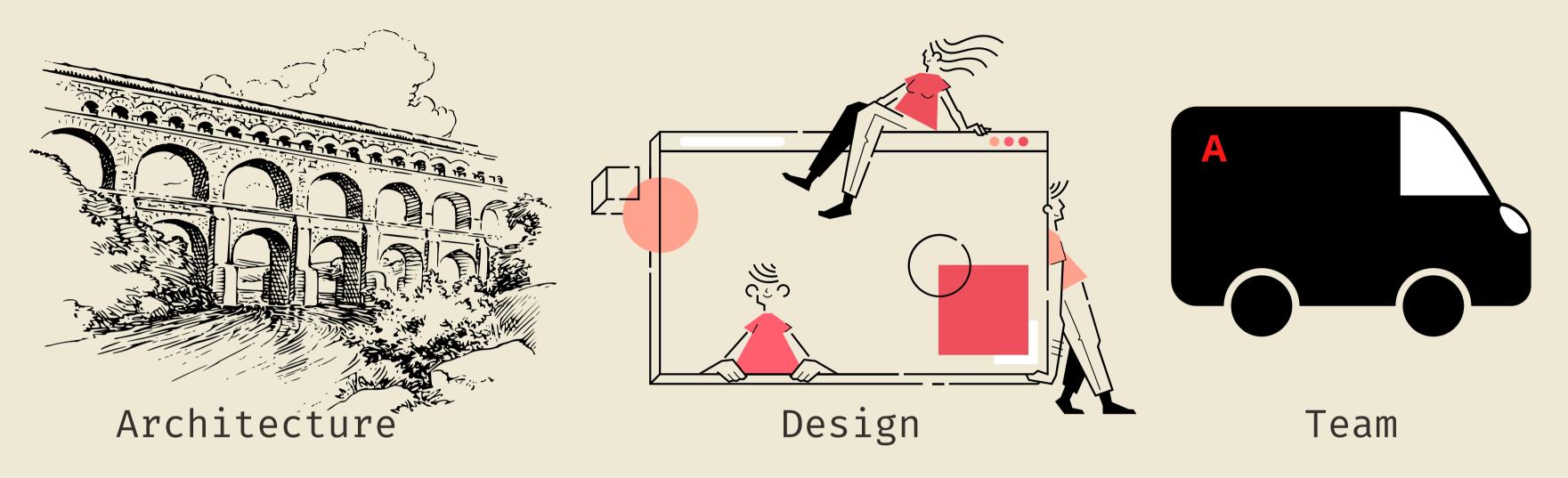
-- Grady Booch, blog post, March 2, 2006

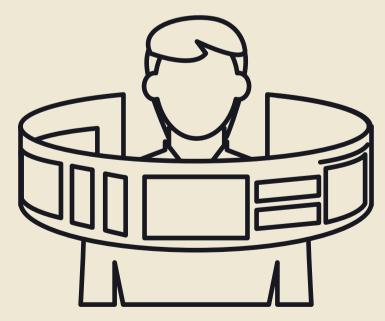


"A system is an interconnected set of elements that is coherently organized in a way that achieves something"

-- Donella Meadows



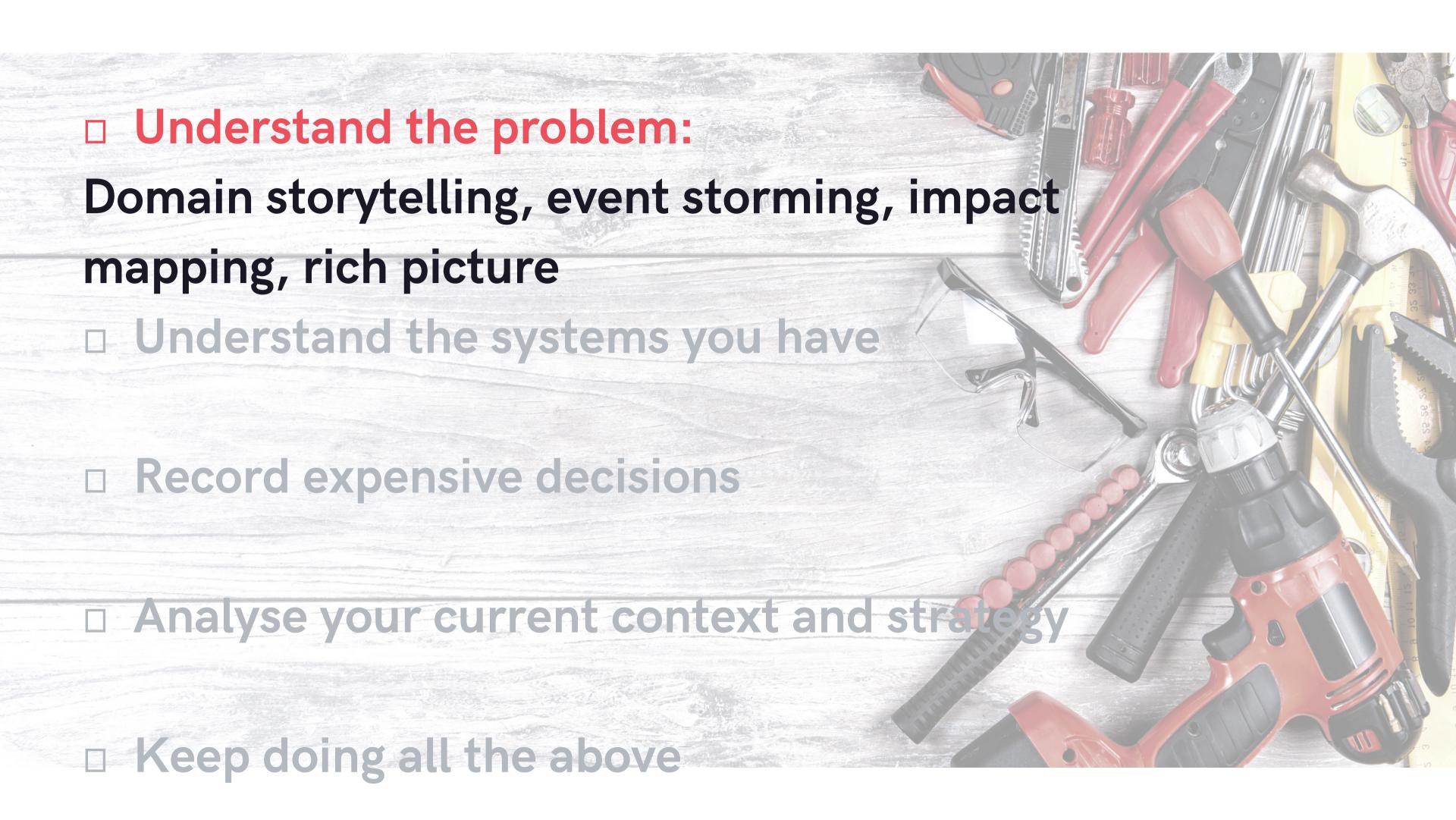




Systems



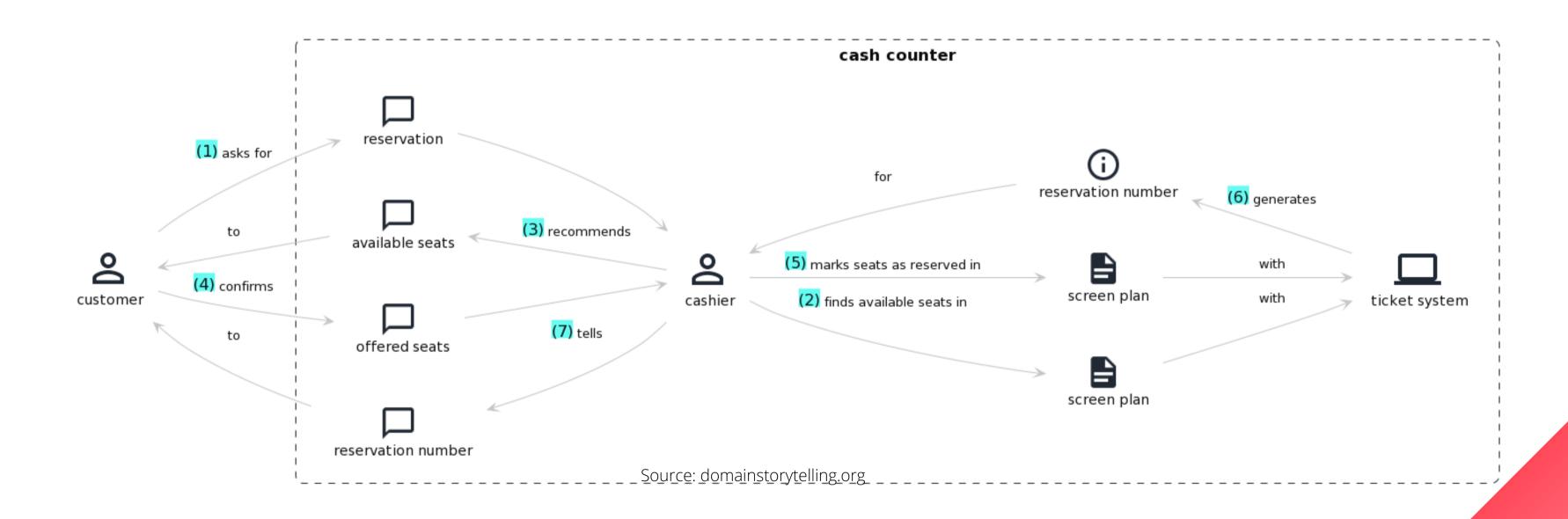
Philosophy

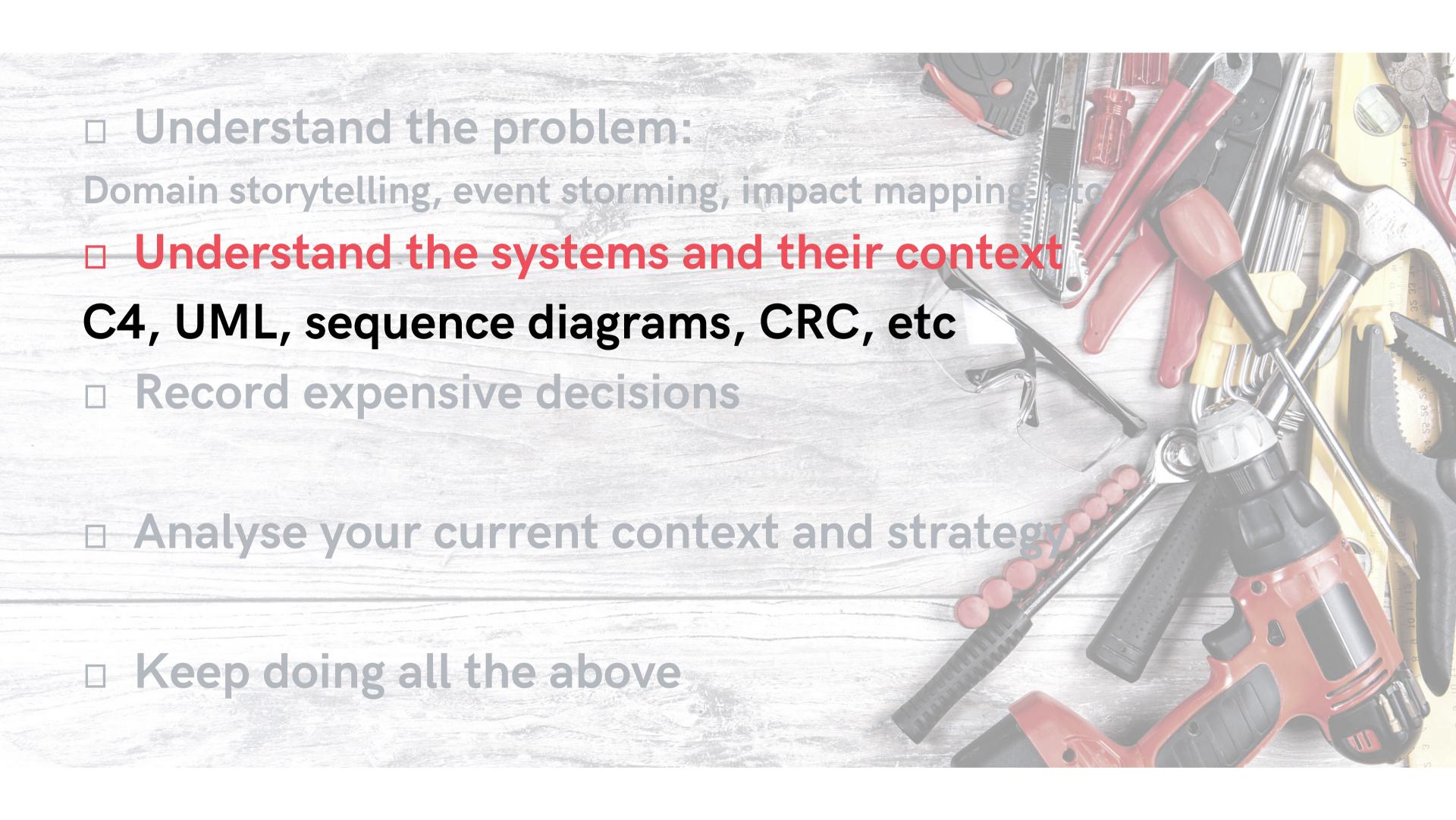


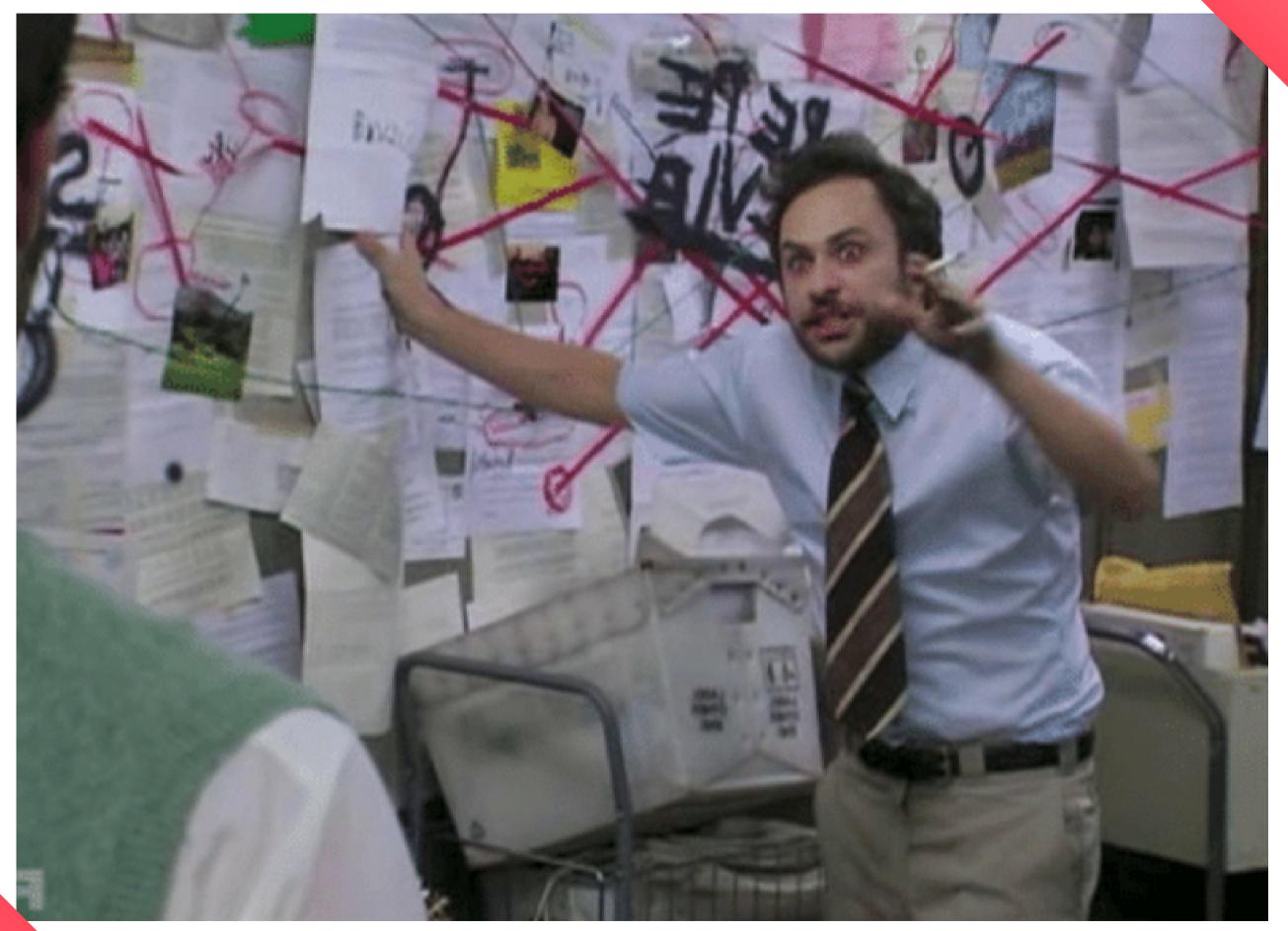
DOMAIN STORYTELLING

- Fully align all project participants and stakeholders, both technical and business-focused
- Draw clear boundaries to organise your domain, software, and teams
- Transform domain knowledge into requirements
- Gain better visibility of your landscape so you can consolidate it or optimise it

DOMAIN STORYTELLING

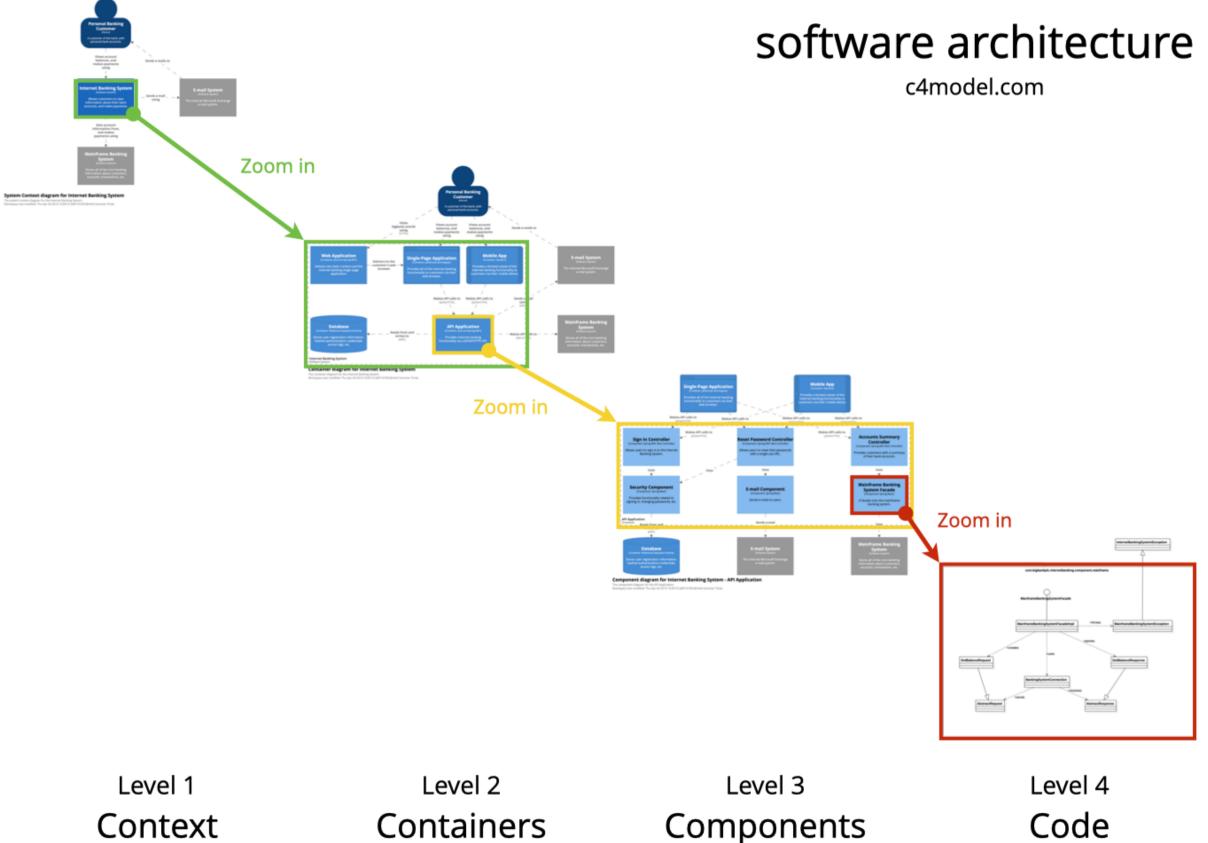






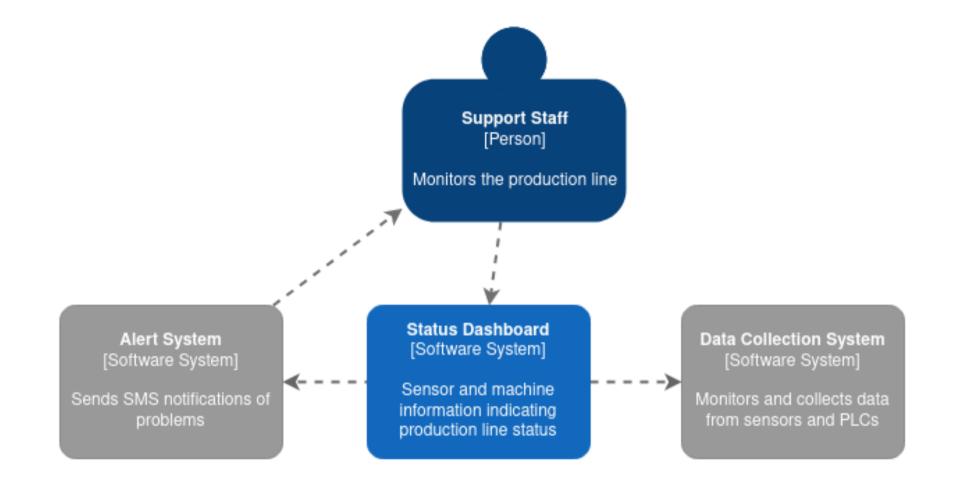
More about languages: http://m.nautil.us/issue/54/the-unspoken/the-rise-and-fall-of-the-english-sentence

The C4 model for visualising software architecture c4model.com

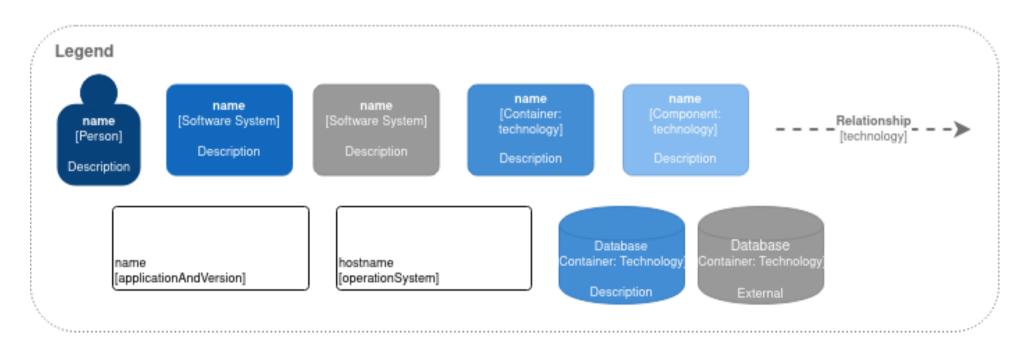


Components

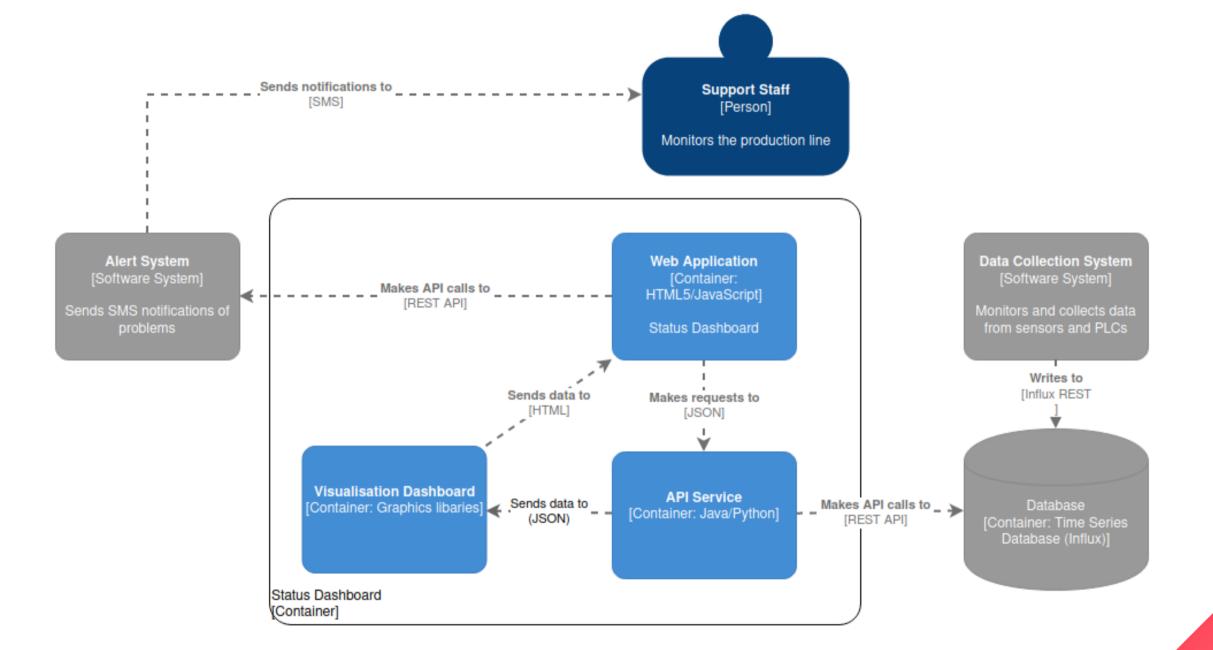
Context



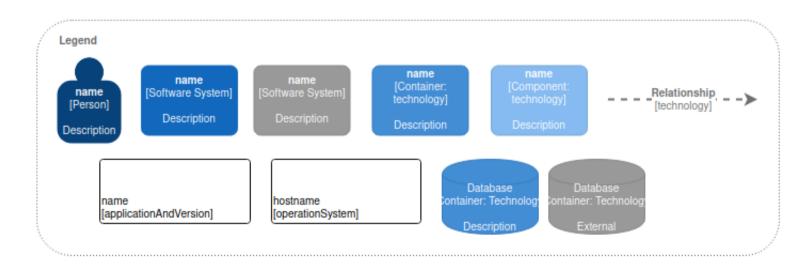
Status Dashboard (Context)

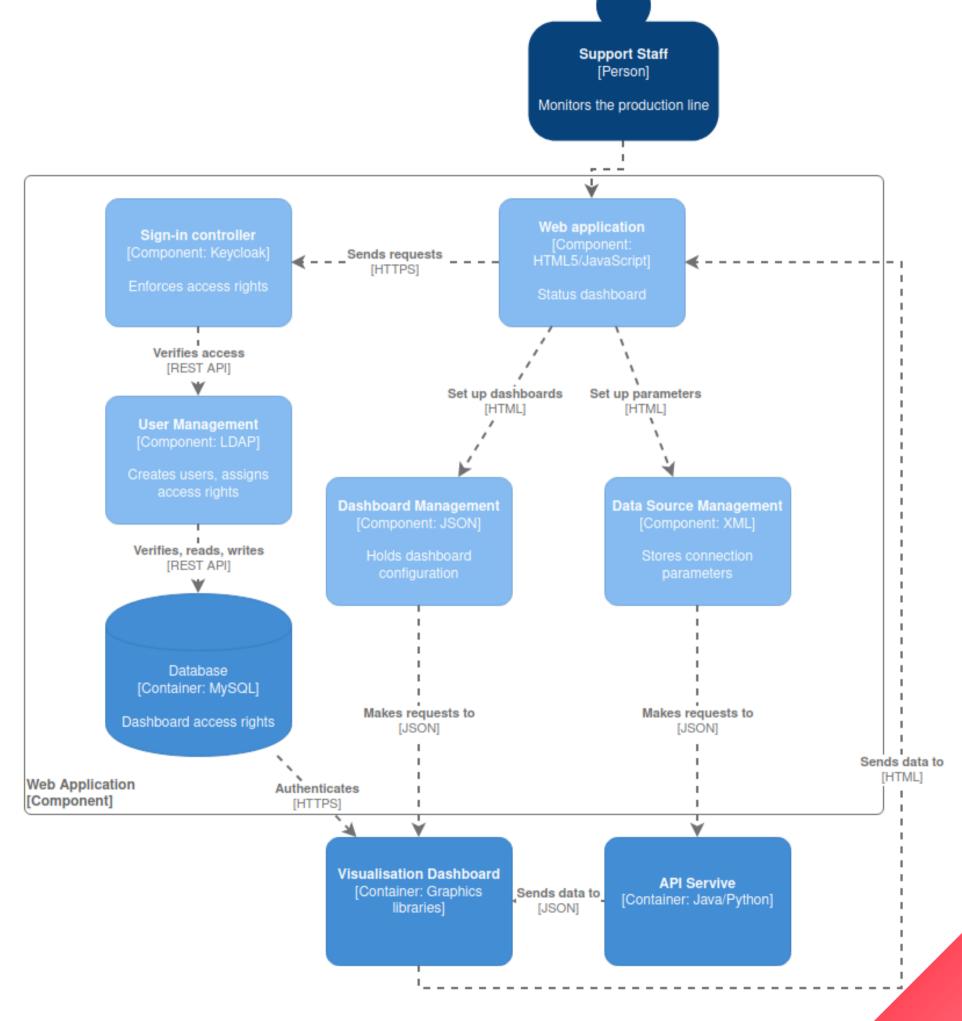


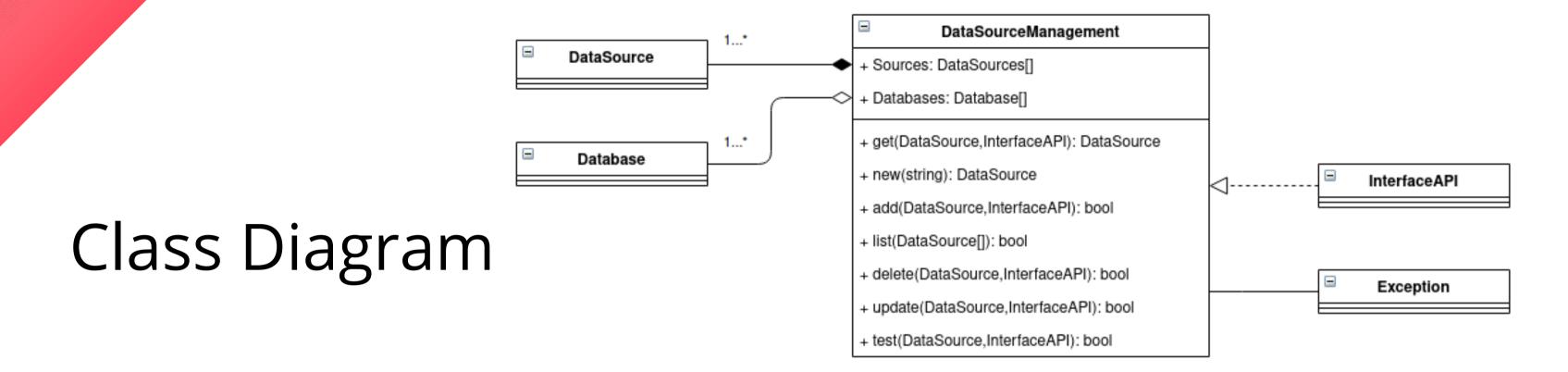
Container



Component







Data Source Management (UML Class)

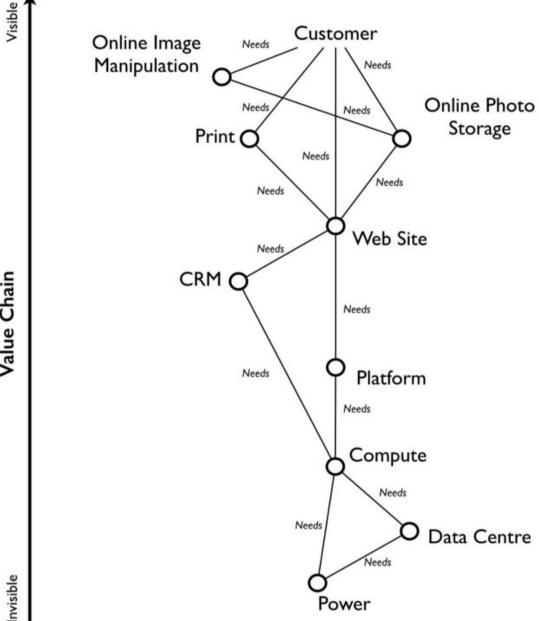


```
# Decision record template by Michael Nygard
    This is the template in [Documenting architecture decisions - Michael Nygard] (http://thinkrelevance.com/blog/2011
    /11/15/documenting-architecture-decisions).
    You can use [adr-tools](https://github.com/npryce/adr-tools) for managing the ADR files.
    In each ADR file, write these sections:
    # Title
10
    ## Status
11
    What is the status, such as proposed, accepted, rejected, deprecated, superseded, etc.?
12
13
    ## Context
14
15
    What is the issue that we're seeing that is motivating this decision or change?
16
17
    ## Decision
18
19
    What is the change that we're proposing and/or doing?
20
21
    ## Consequences
23
    What becomes easier or more difficult to do because of this change?
24
25
```



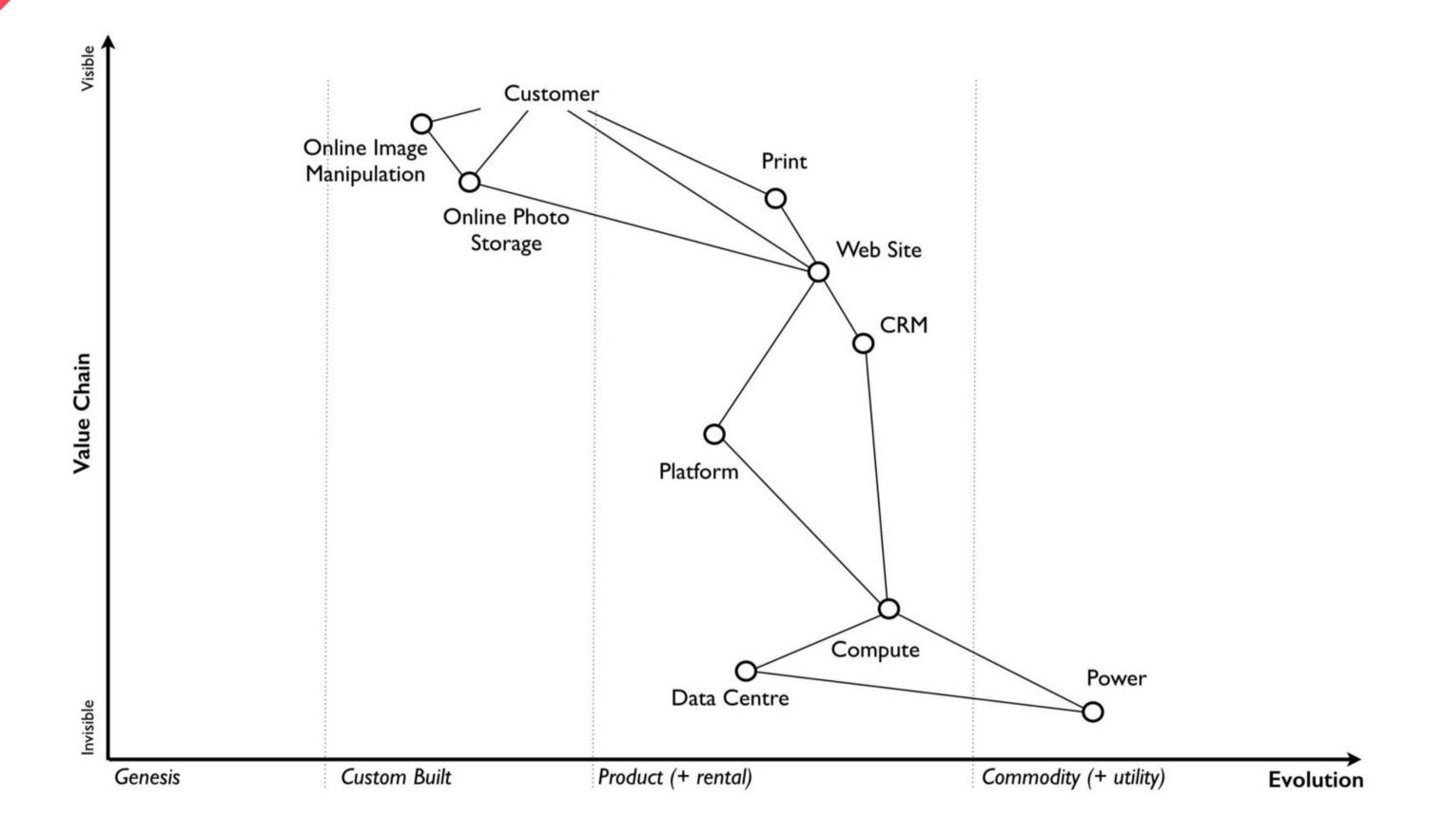
- User(s)
- Situation

Value chain





Value Chain

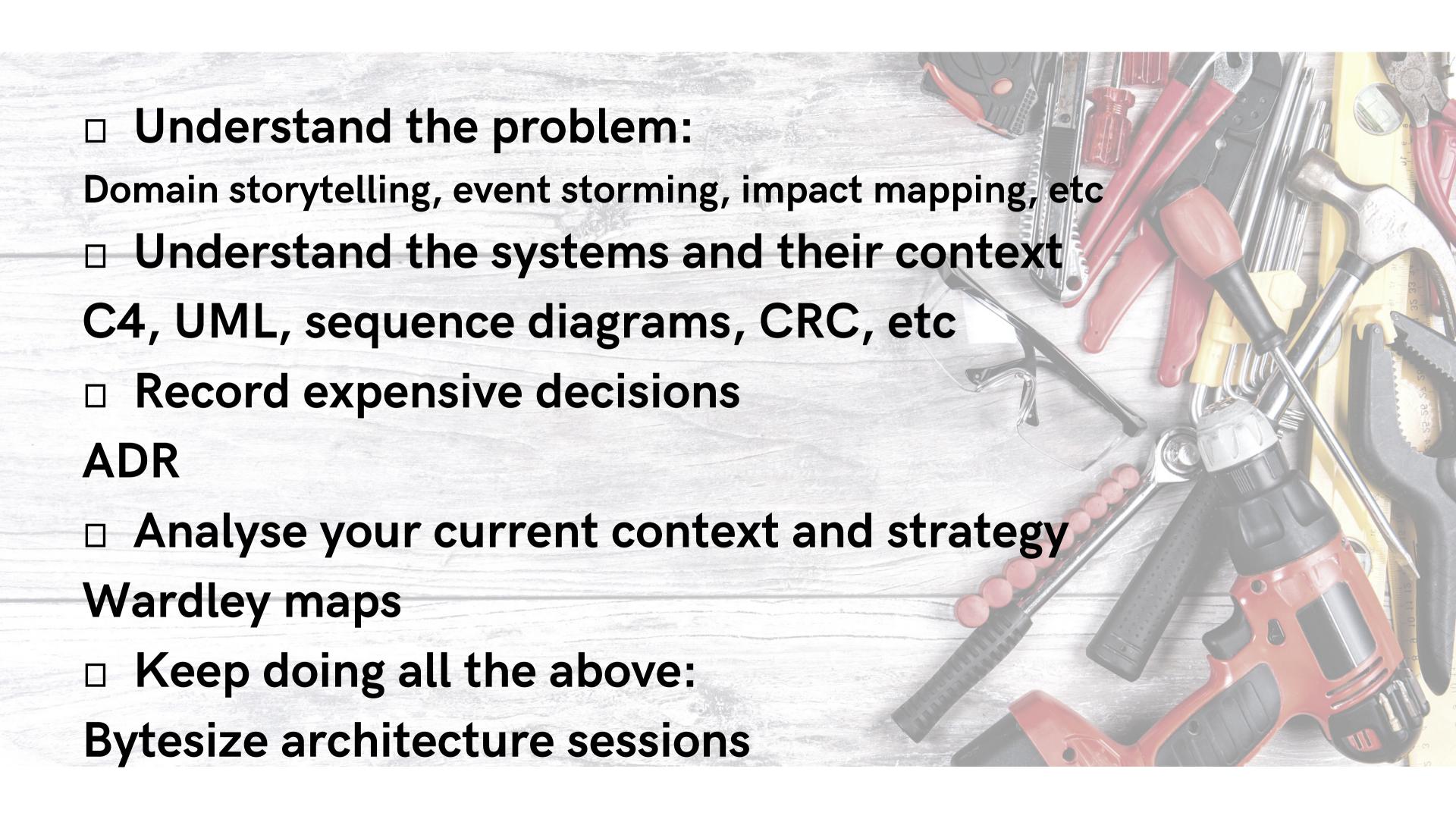


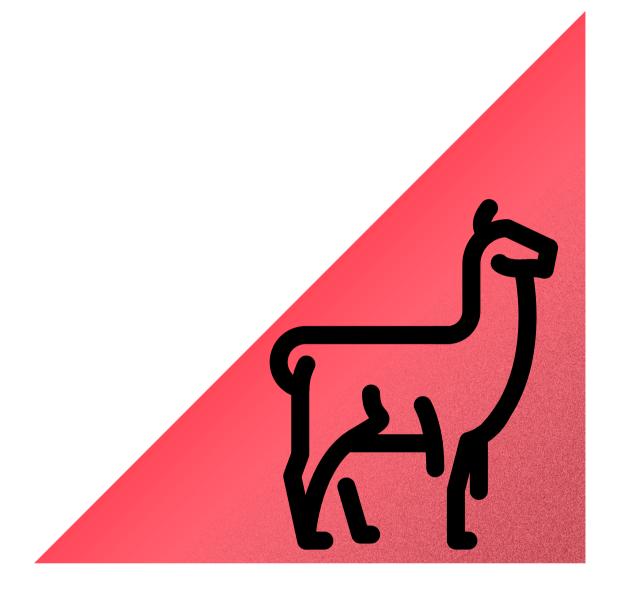




Bytesize Architecture Sessions

- Short
- Recurrent
- Alone together
- Consensus





THANKS TO YOU

SPECIAL THANKS TO:

Alvaro Videla

Resources

- ADR resources and tooling https://adr.github.io/
- The C4 Model for Software Architecture https://www.infoq.com/articles/C4-architecture-model/
- Domaing Storytelling: https://domainstorytelling.org/
 - Awesome Domain storytelling: https://github.com/hofstef/awesome-domain-storytelling
 - Domain Storytelling Facilitator's Guide to Enhance Learning in Your Organization by Mufrid Krilic - https://www.youtube.com/watch?v=ANfYEt16vRI
- Bytesize Architecture Sessions http://www.roundcrisis.com/2021/09/28/bytesize-architecture-sessions/
- Key characteristics of systems Russel Ackoff: https://www.youtube.com/watch?
 v=OqEeIG8aPPk
- What is architecture https://www.bredemeyer.com/whatis.htm