





Architecting for Tomorrow

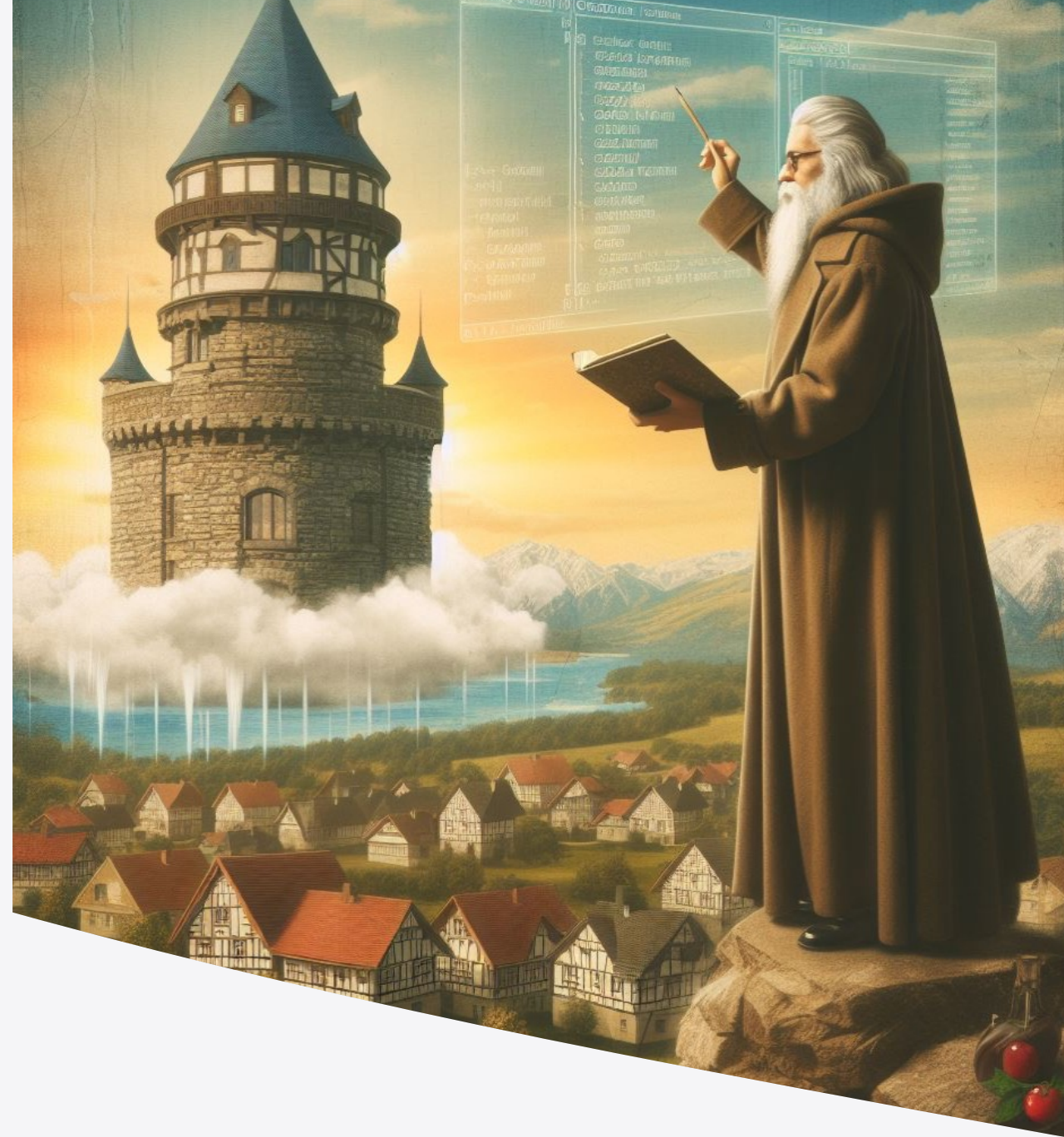
A Pragmatic Perspective

Marcel Schutte @ Devvxx UK 2024

Ancient times

- Ivory Tower
- Big Design Upfront
- Detached from everyday development process
- All Knowing oracle that cannot be questioned

Times have changed...



The Modern Architect

- Heart of development
- Agile
- Communicator
- Influencer

What qualities should a modern architect possess?



20th ANNIVERSARY EDITION



The Pragmatic Programmer



your journey to mastery

DAVID THOMAS
ANDREW HUNT

Foreword by SARON YITBAREK



pragmatic

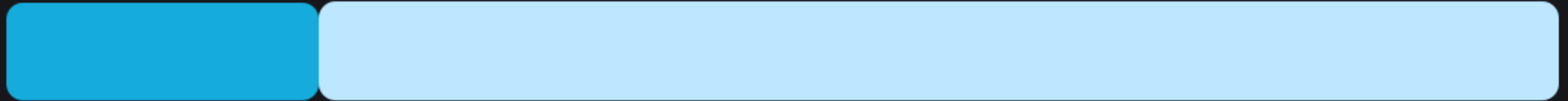
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adjective

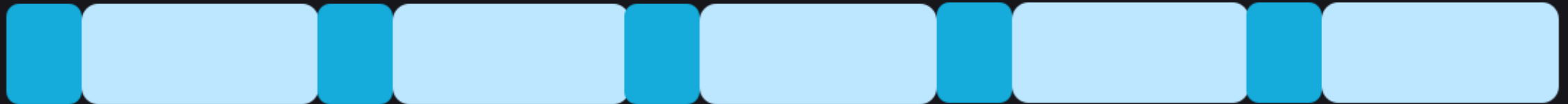
dealing with things sensibly and realistically in a way that is based on practical rather than theoretical considerations.

Be Agile

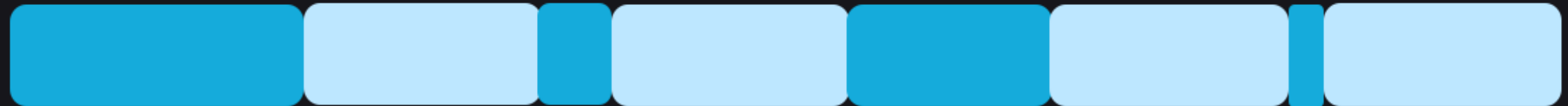
Big Design Up Front



Just in Time Architecture



Just in Time / Just Enough Architecture



Evolutionary Design

Think Big

Start small and take small steps



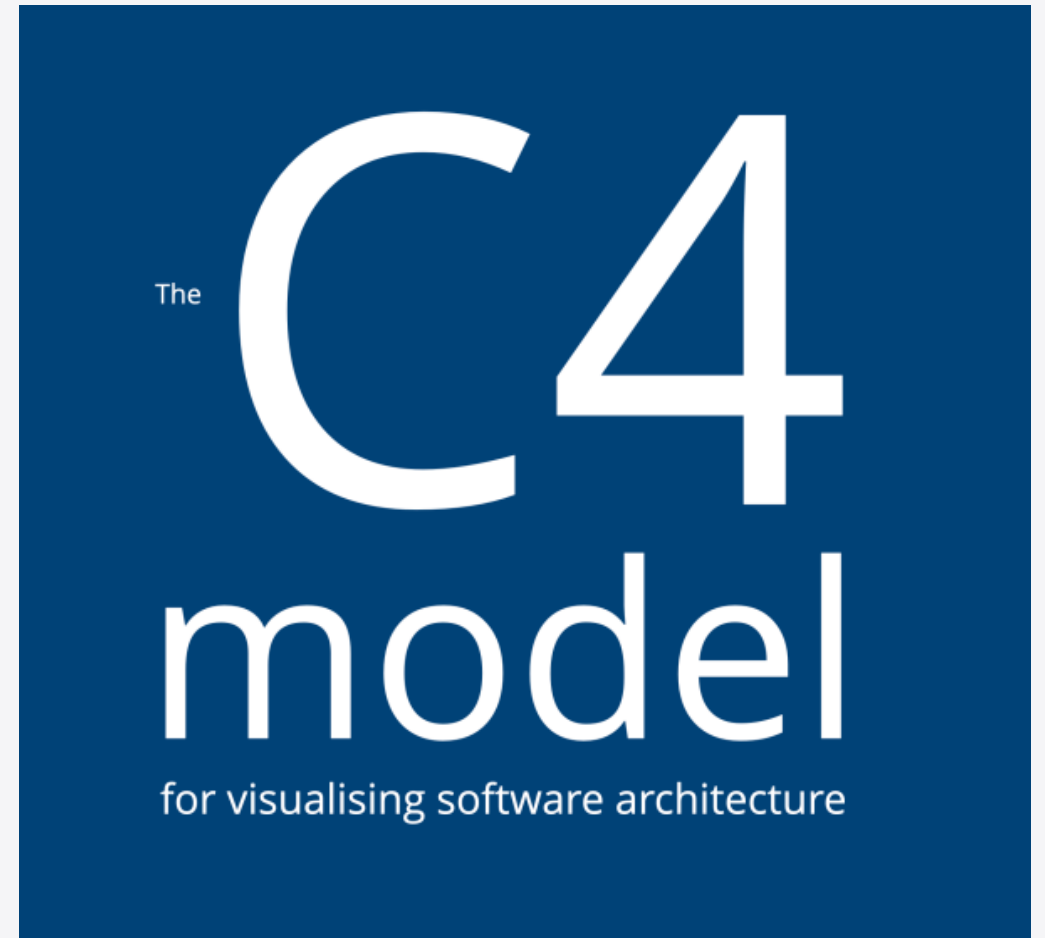
Storytelling

- Communication is key
- On all levels
- A picture > 1000 words



C4 Model

- Abstraction layers
- High information density
- Diagrams as code
- Reusable / Version controlled



bron: c4model.com



Have a toolbox not just a tool

Mistakes

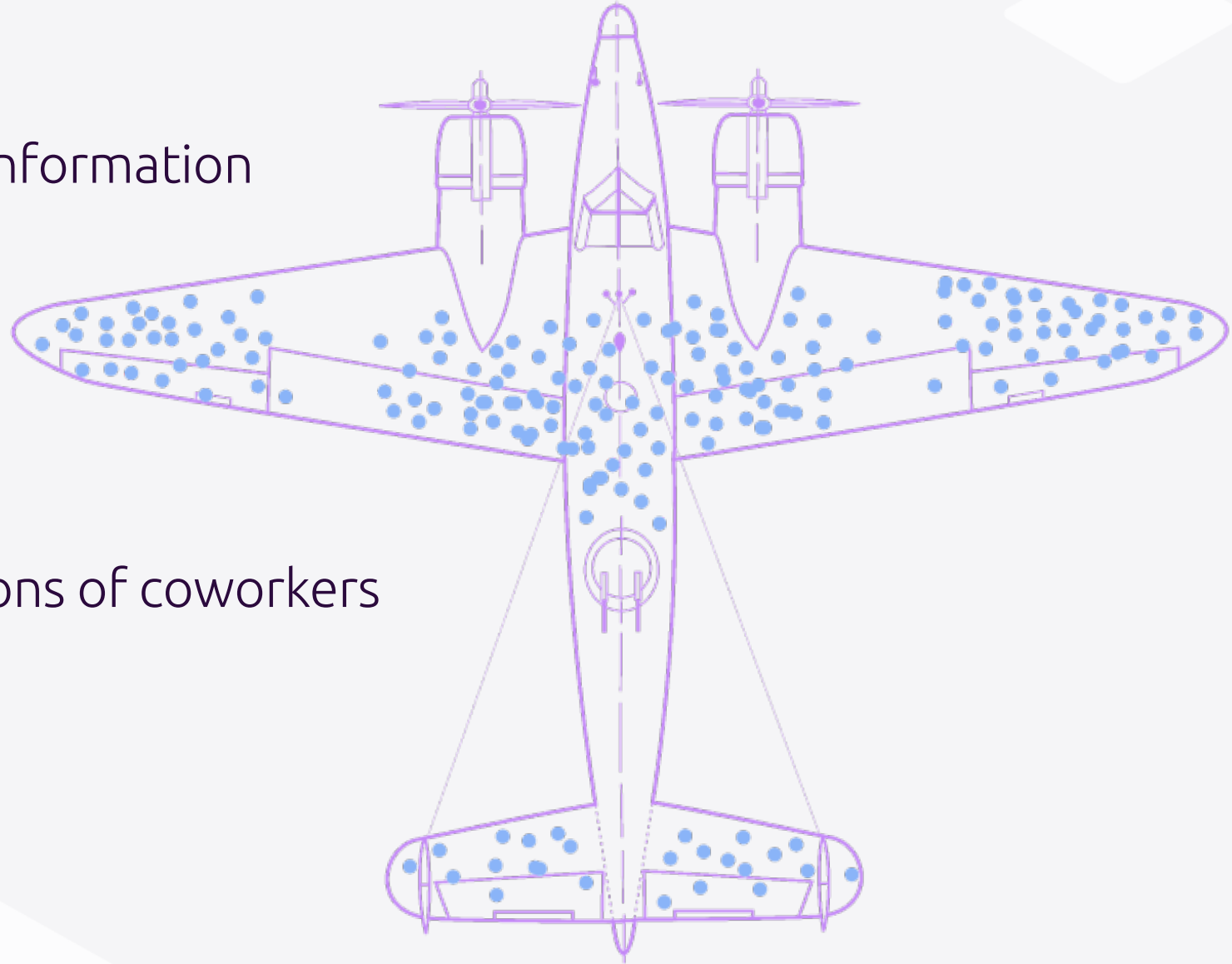
- Confess and take responsibility
- Solve the problem
- Learn from your mistake
- Carry on!



**KEEP
CALM
AND
CARRY
ON**

Assumptions

- Prevent misinterpretation of information
- Prevent bad decisions
- Anticipate potential assumptions of coworkers



Recap

As a modern architect you need:



to be agile



to be a storyteller



to have a toolbox and be creative



to take responsibility and learn
from mistakes



to be aware of assumptions



Pragmatic Architect

Thank you for your attention!



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<https://github.com/marceljschutte/slidedecks>

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