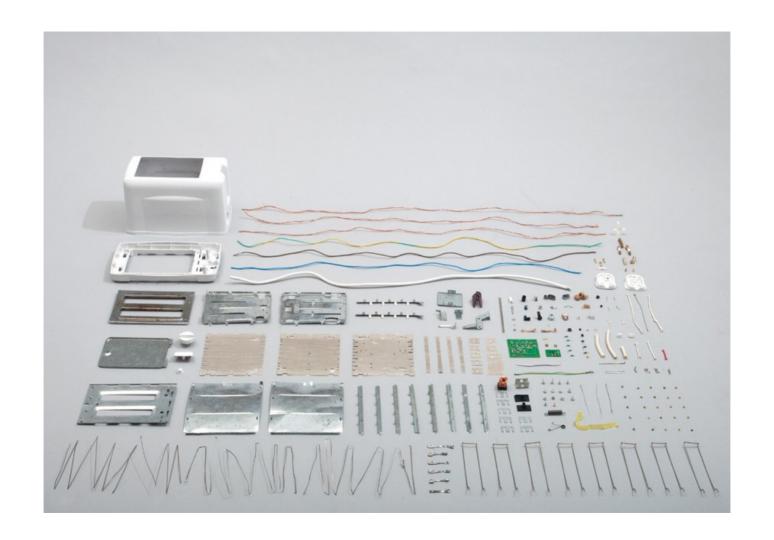


## Preparing For a Future Microservices Journey

Susanne Kaiser Independent Tech Consultant @suksr

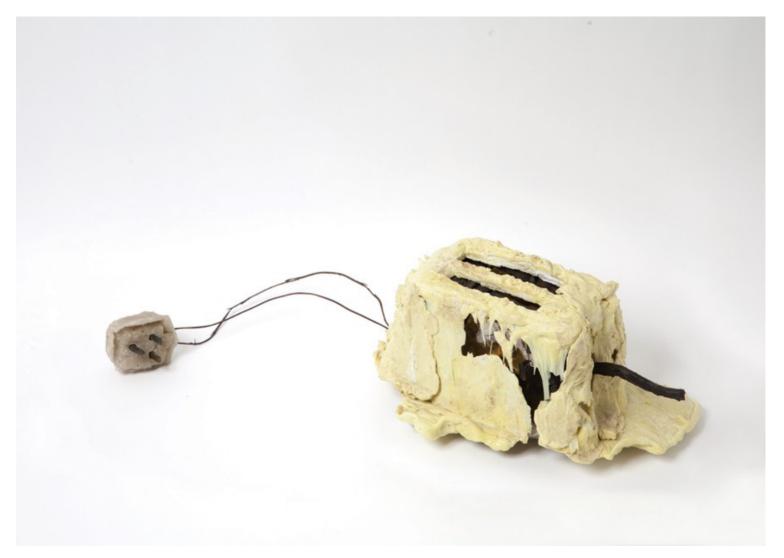








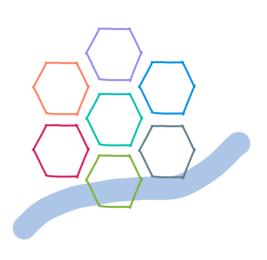


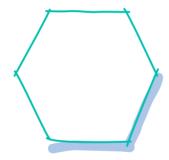


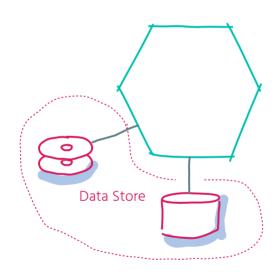
Source: http://www.thomasthwaites.com

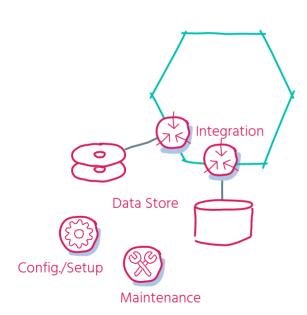
















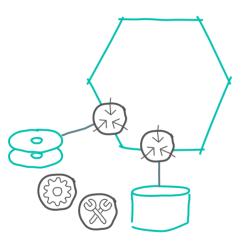




Virtualization



Hardware







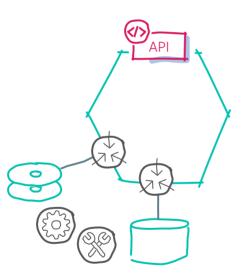


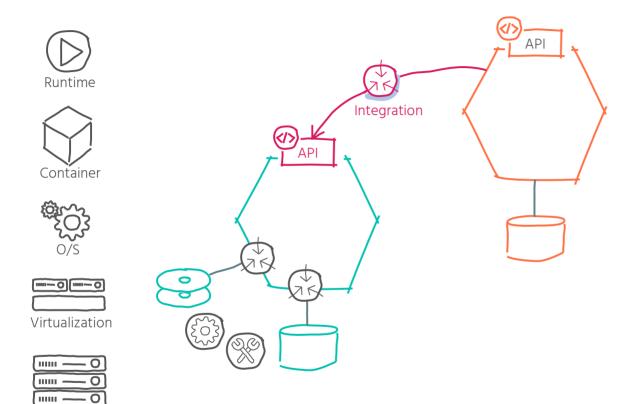


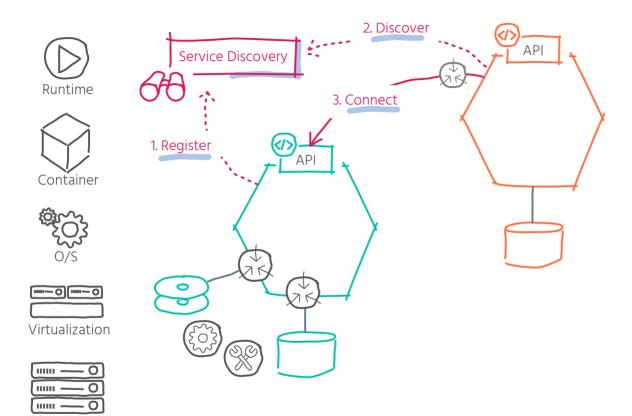
Virtualization

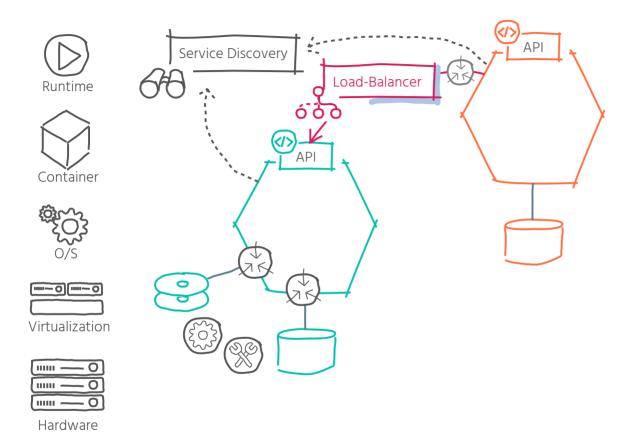


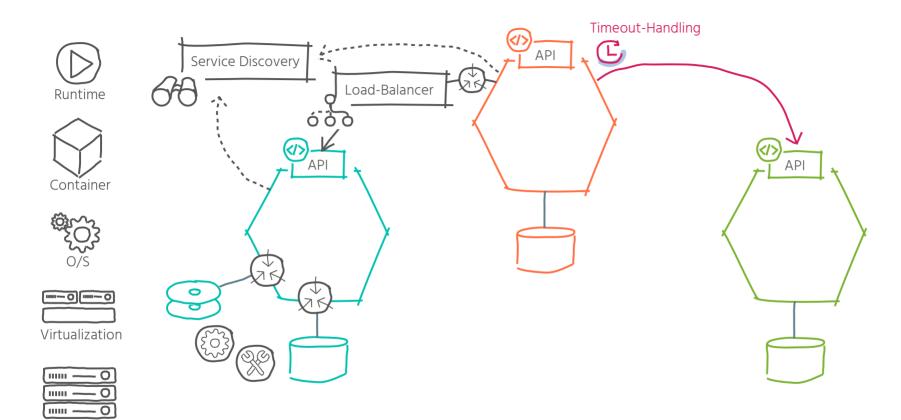
Hardware

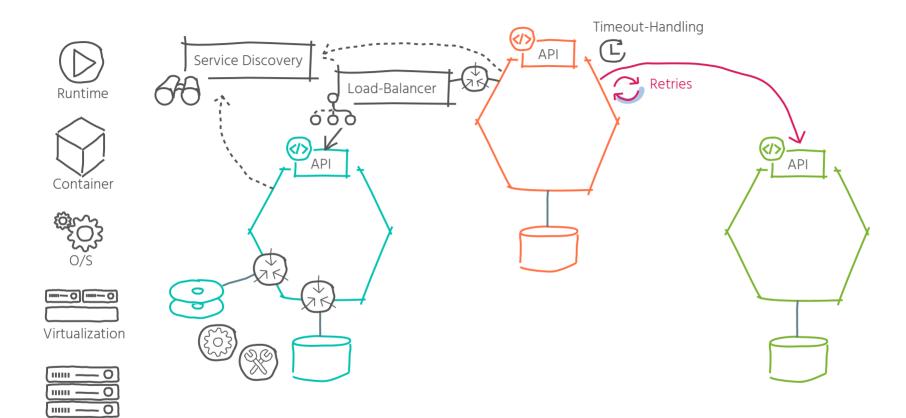


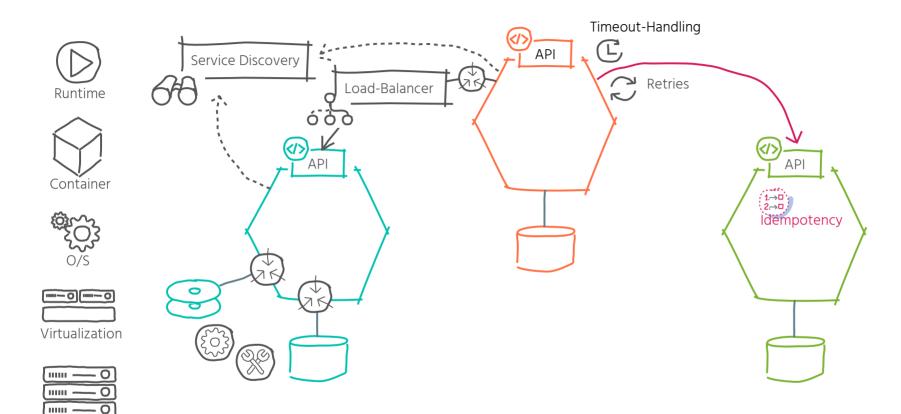


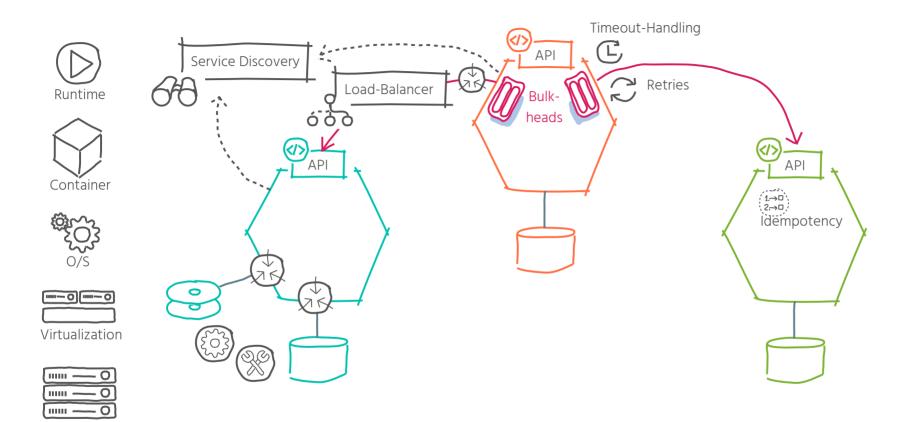


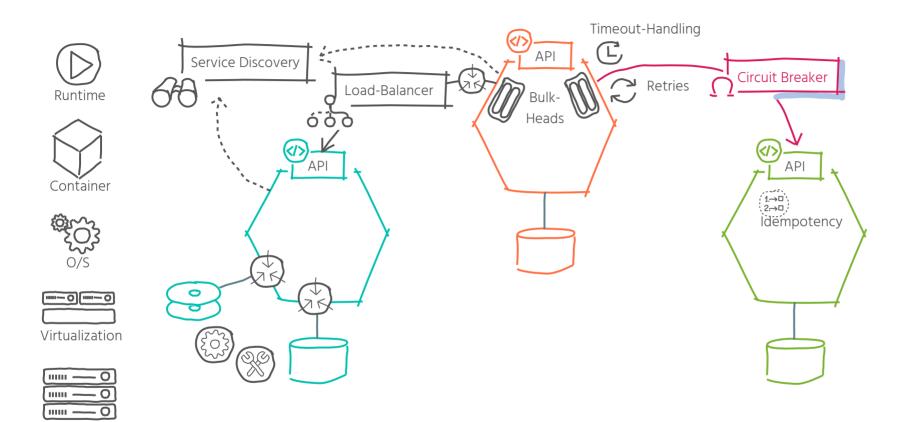


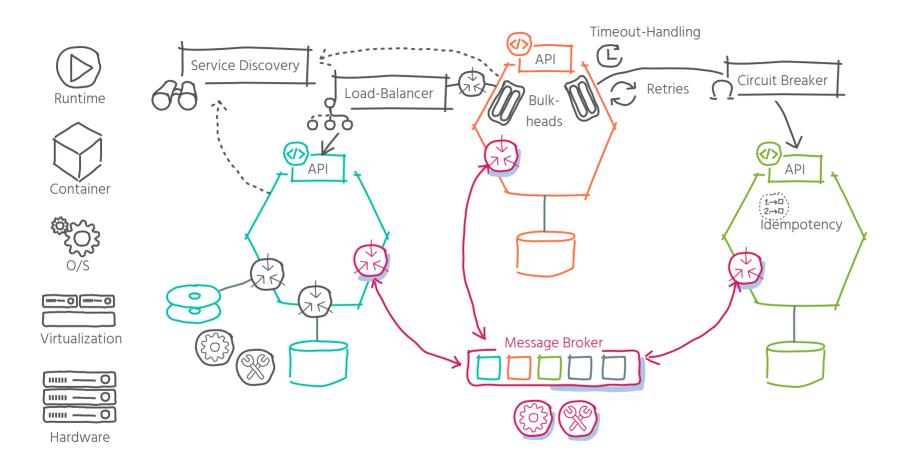


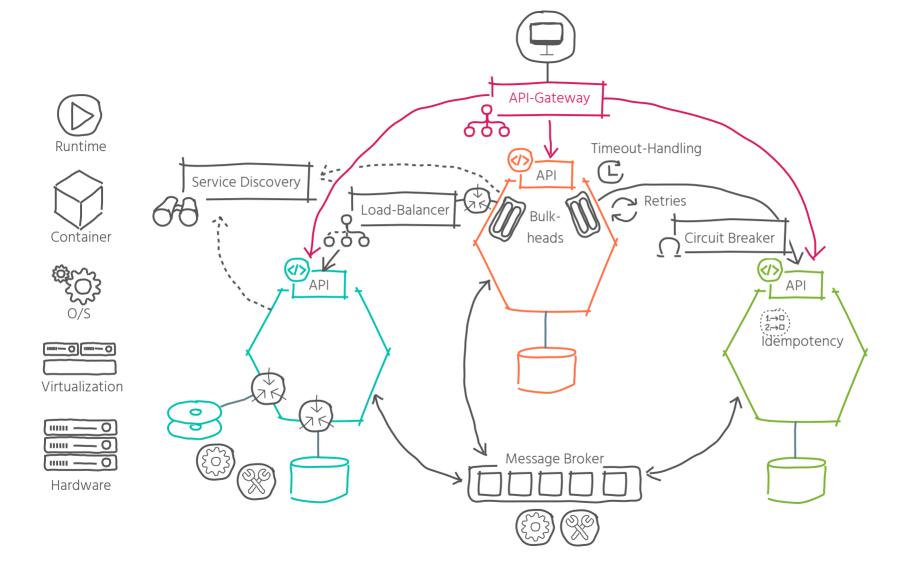


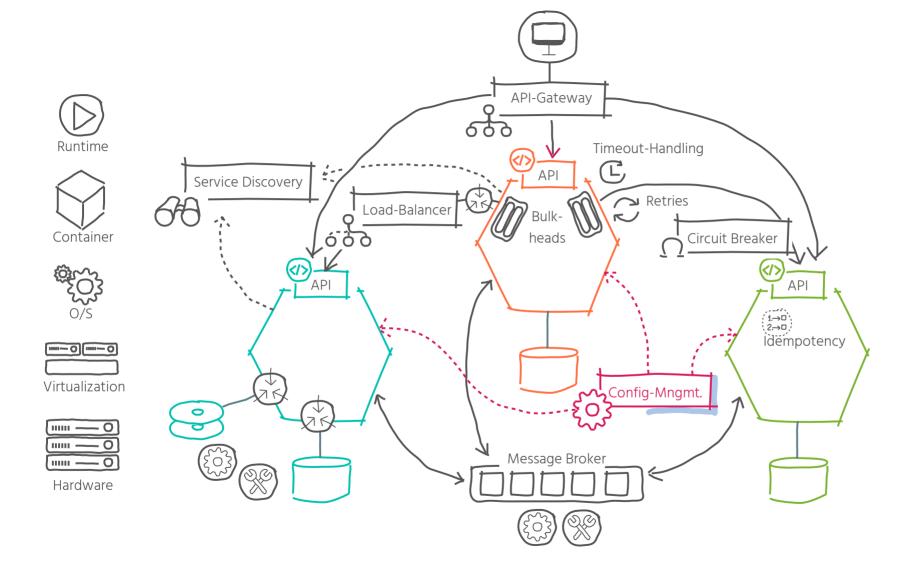


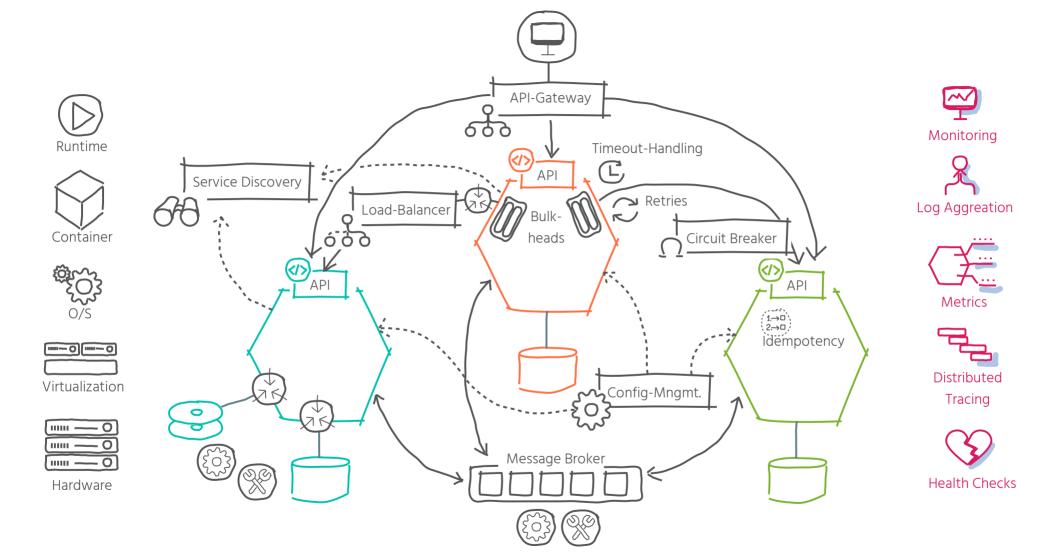


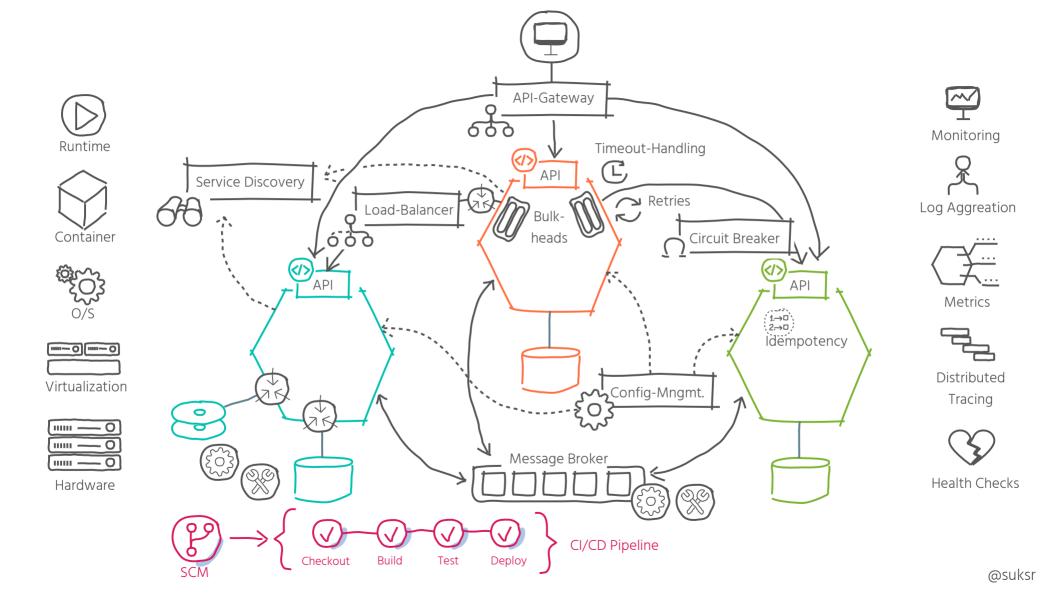


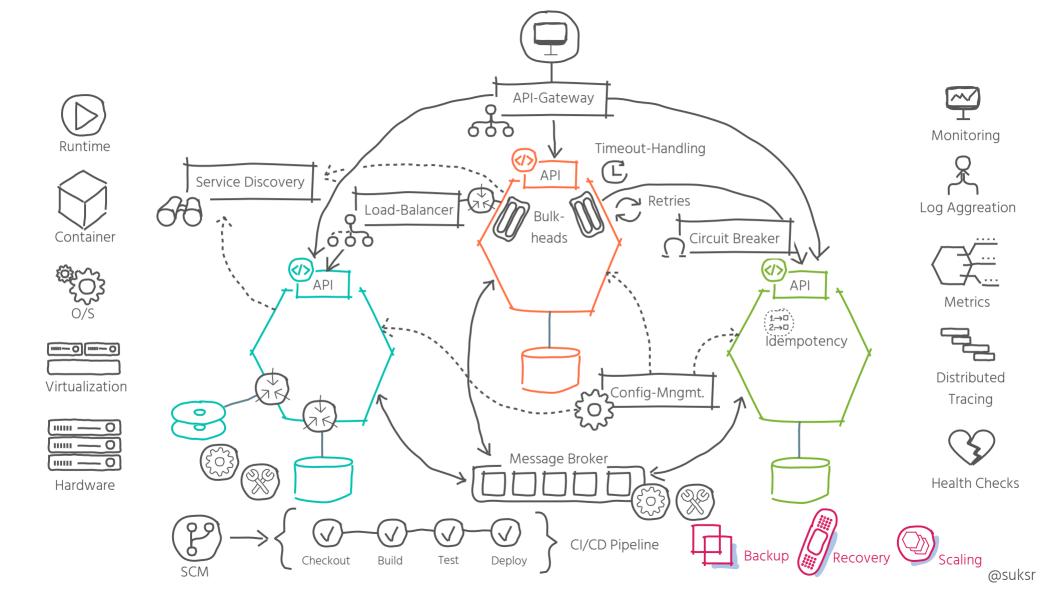




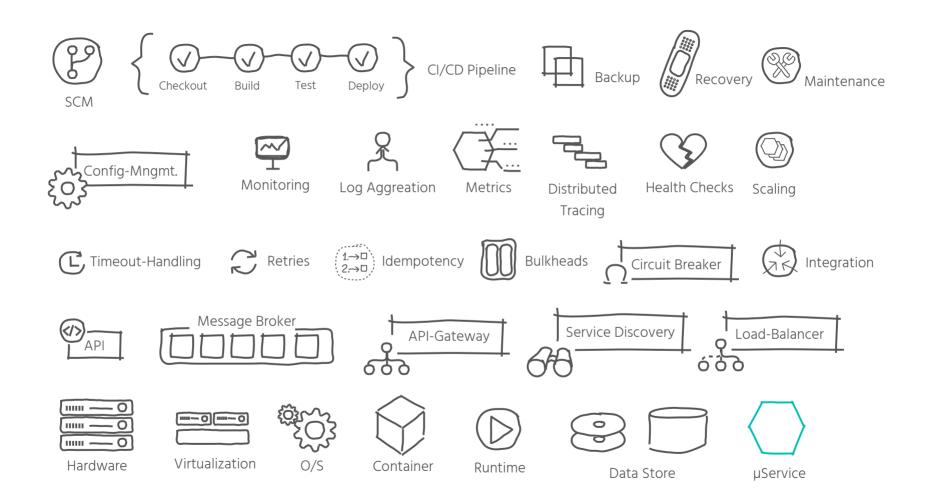






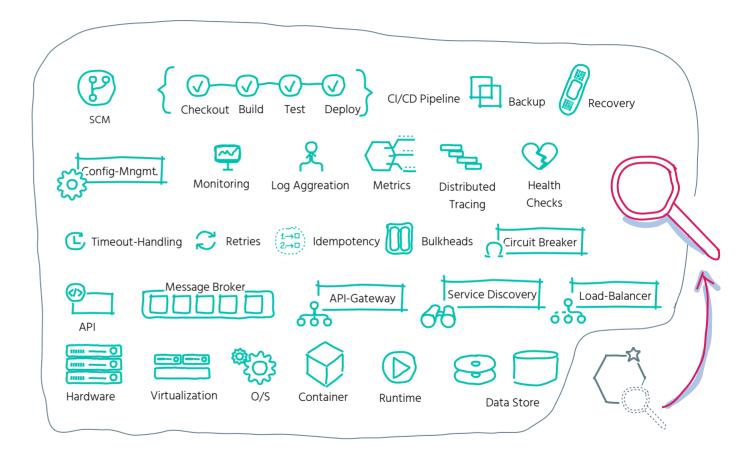


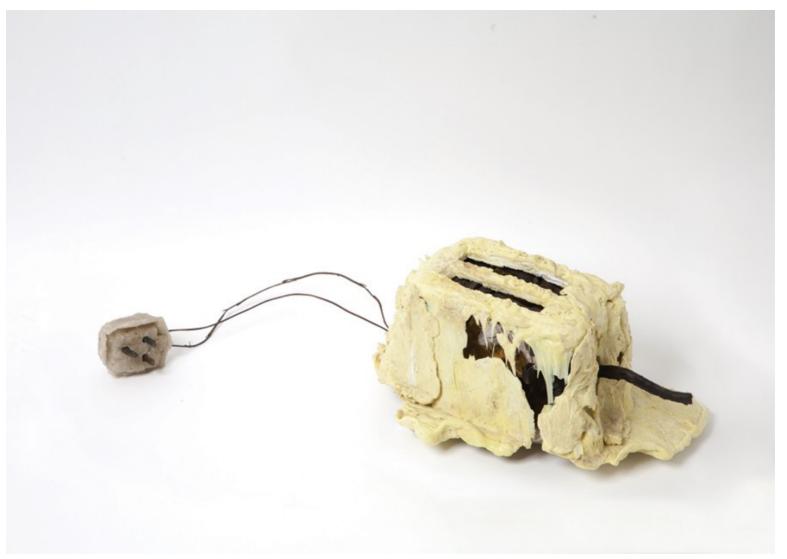




## Complexities



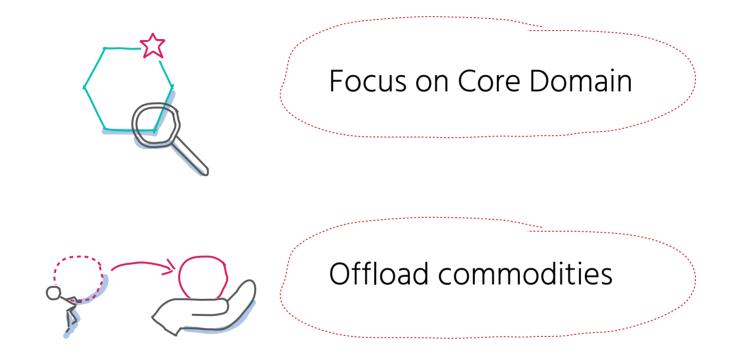




Source: http://www.thomasthwaites.com

## How can a small team handle infrastructure complexities and deliver user & business value?



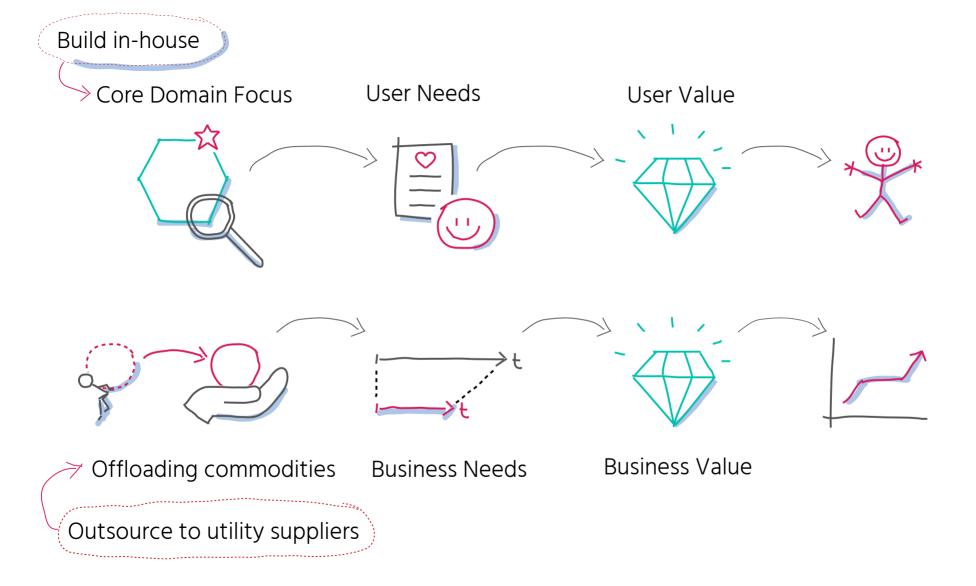


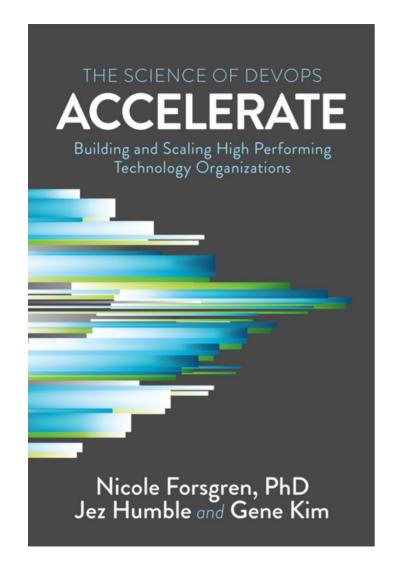
Build in-house

Core Domain Focus

User Needs

User Value







Software Delivery Performance Productivity Profitability Market Share





@suksr



Co-Organizer @microXchg, Berlin

EX-CTO
at Just Software
@JustSocialApps





Program committee & track host

QCon, New York

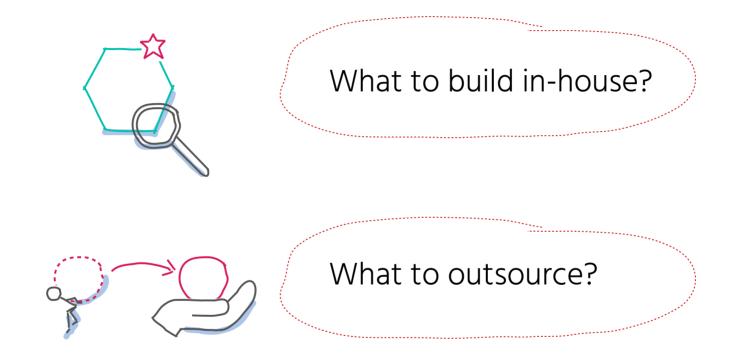
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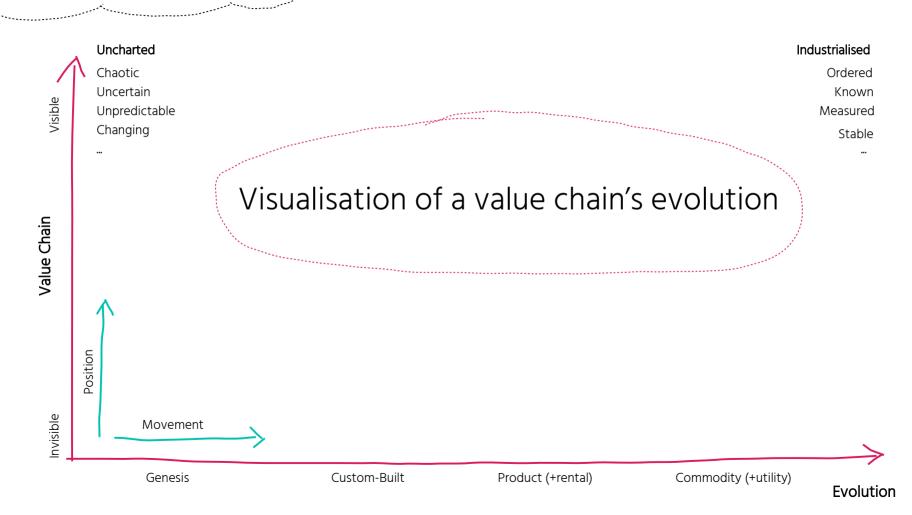
Program committee
MicroCPH, Copenhagen
@MicroCPH



Program committee
ServerlessDays, Hamburg
@ServerlessHAM



By Simon Wardley



Value Chain

Visible

Value Chain

Invisible



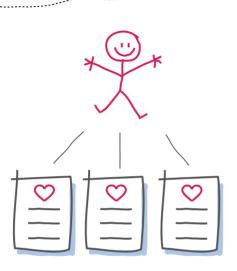
Who are your users?

Value Chain



Value Chain

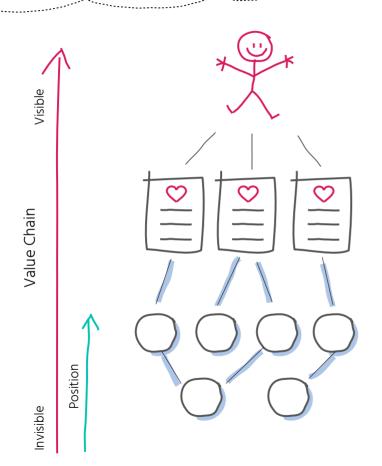




Who are your users?

What are your users' needs?

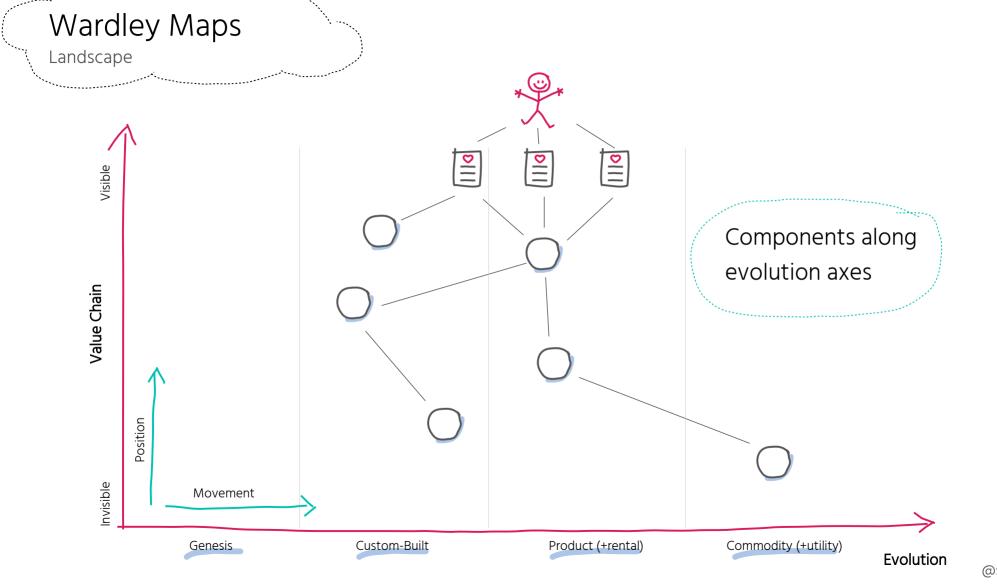
Value Chain

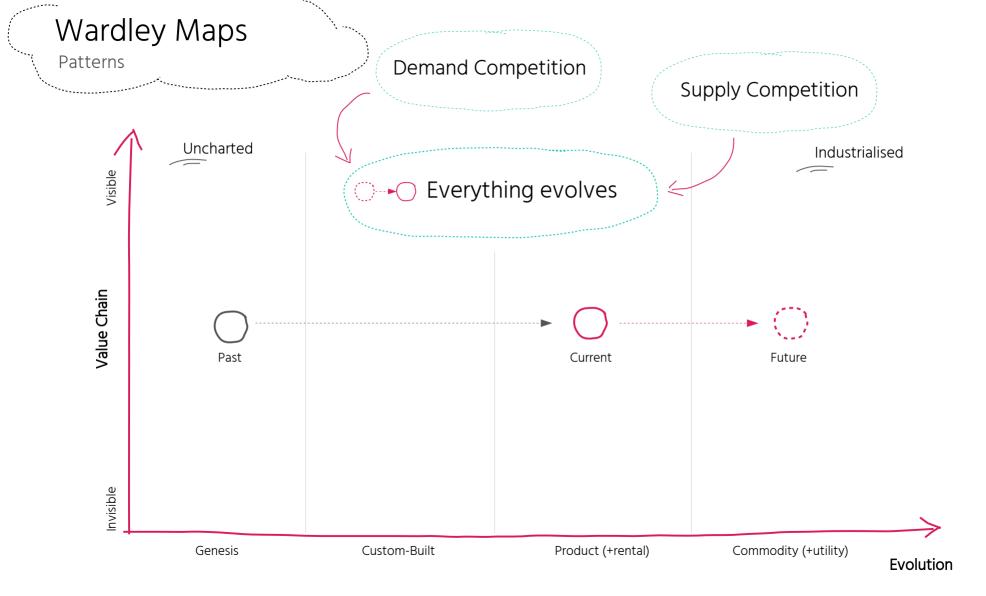


Who are your users?

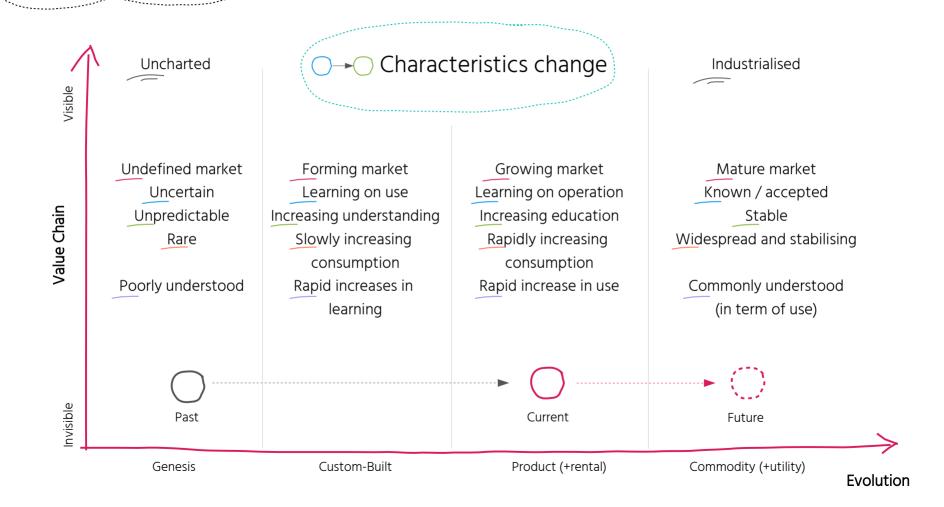
What are your users' needs?

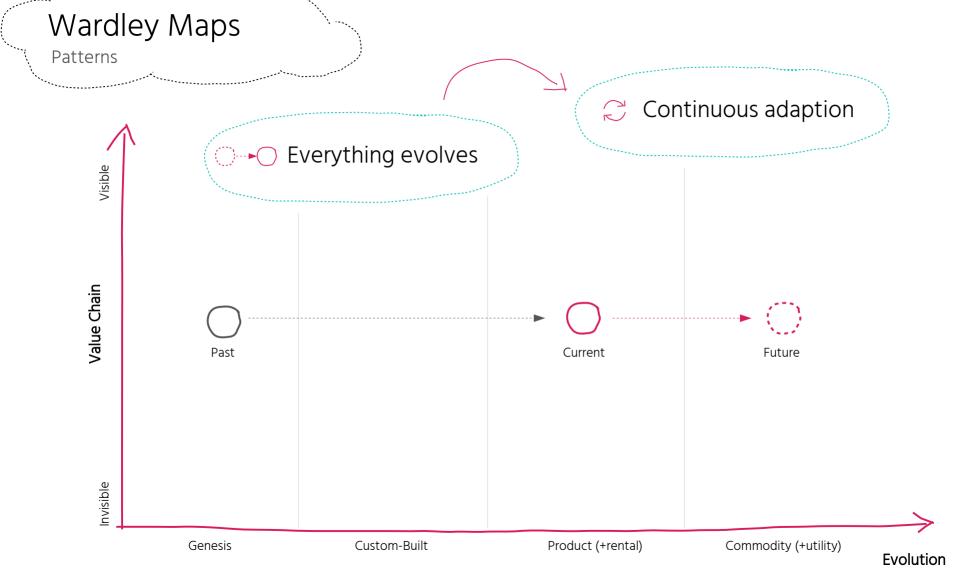
What are the components/activities to fulfill your users' needs incl. dependencies?

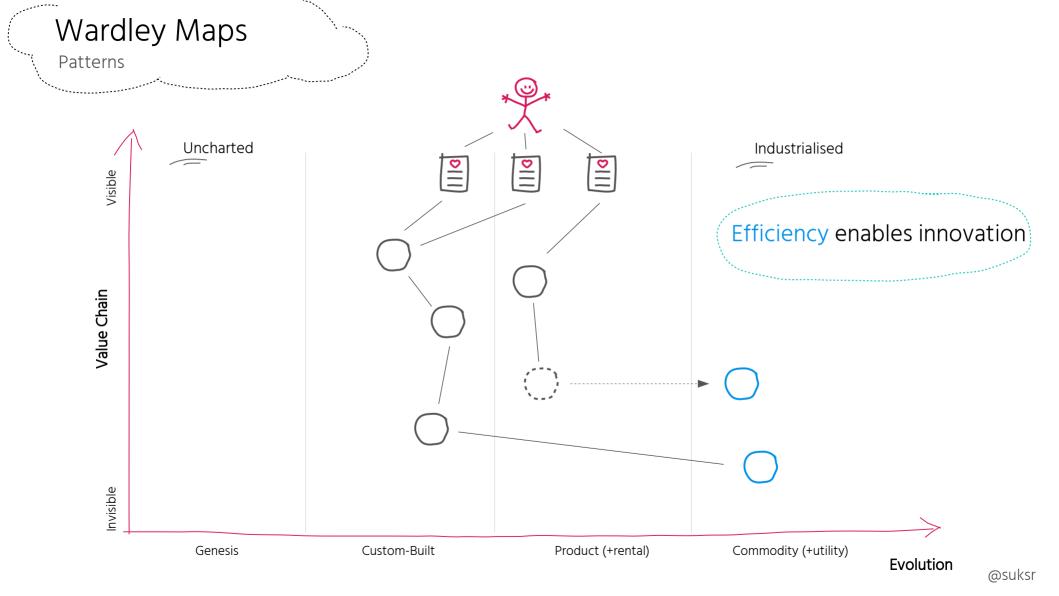


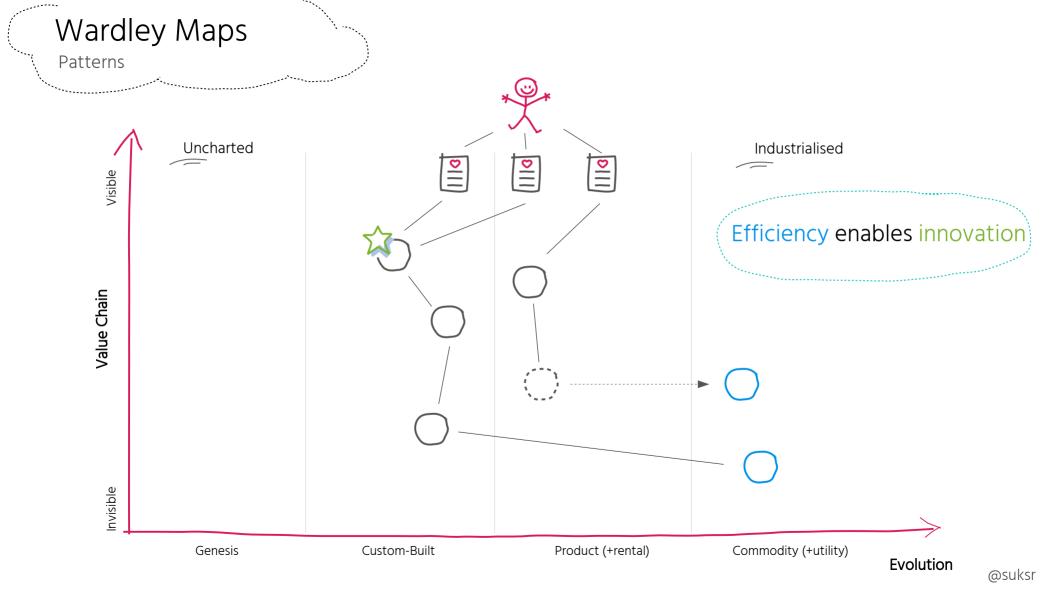


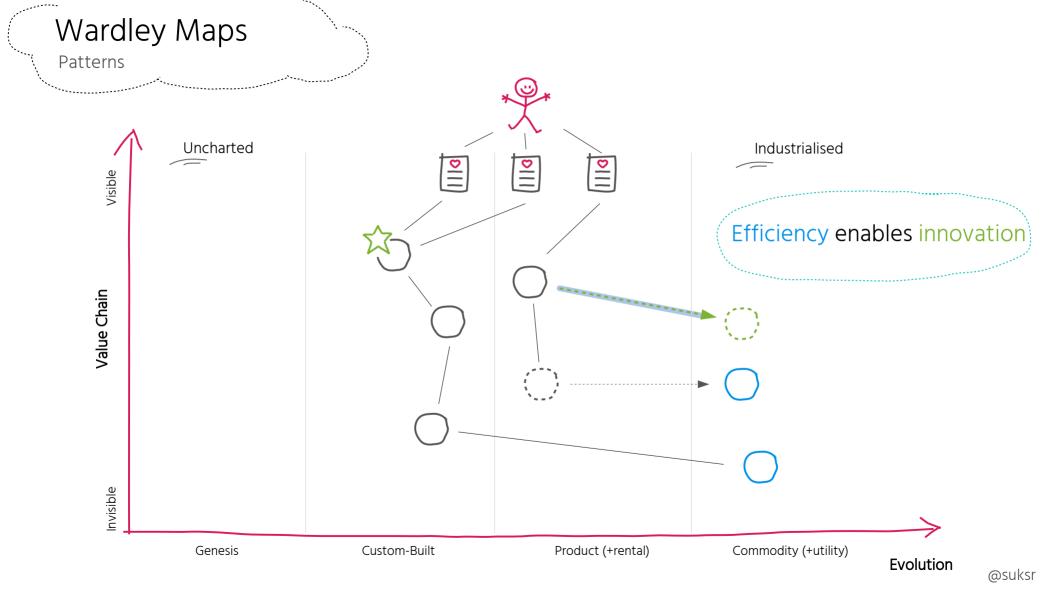
Patterns

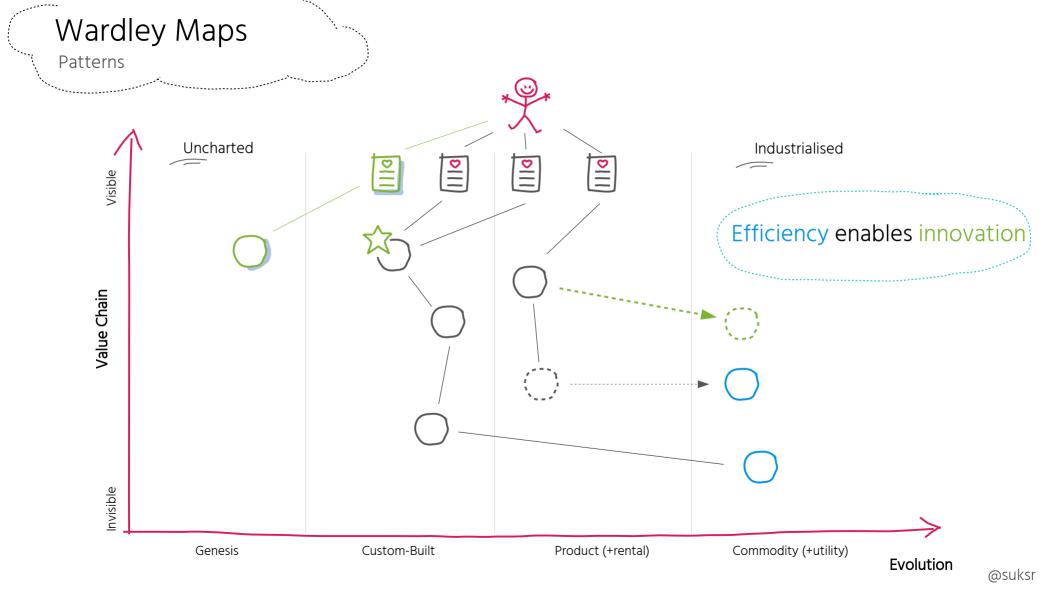


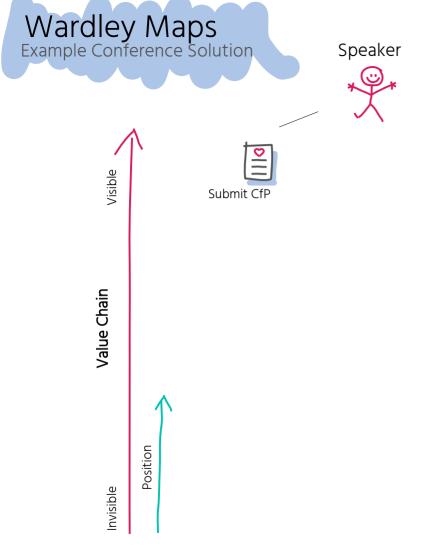


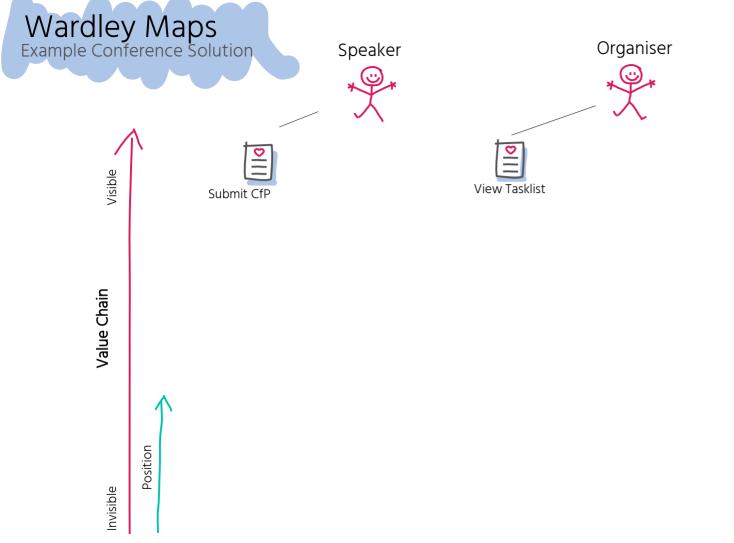


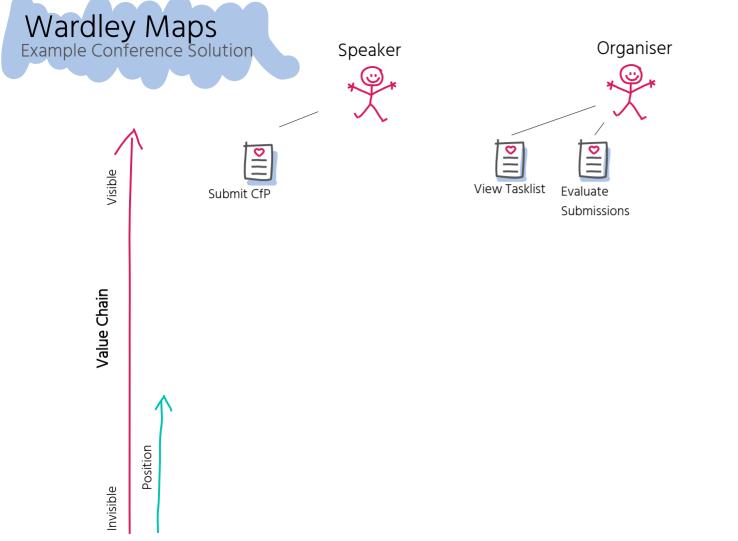


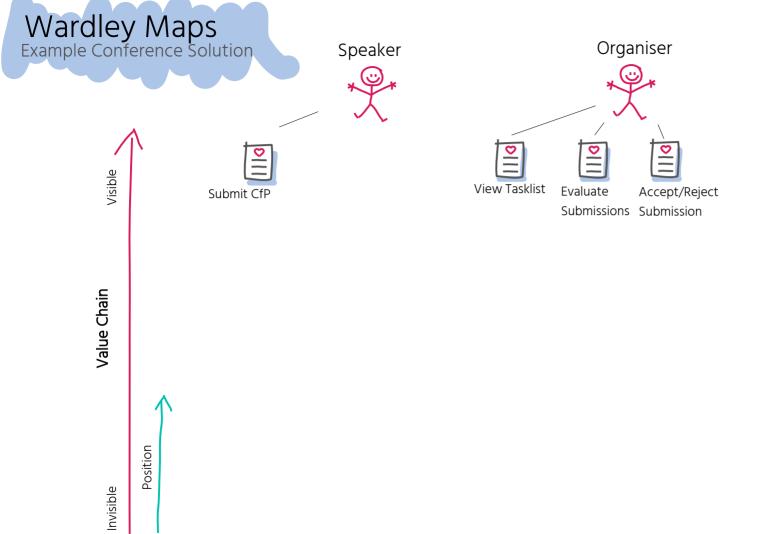


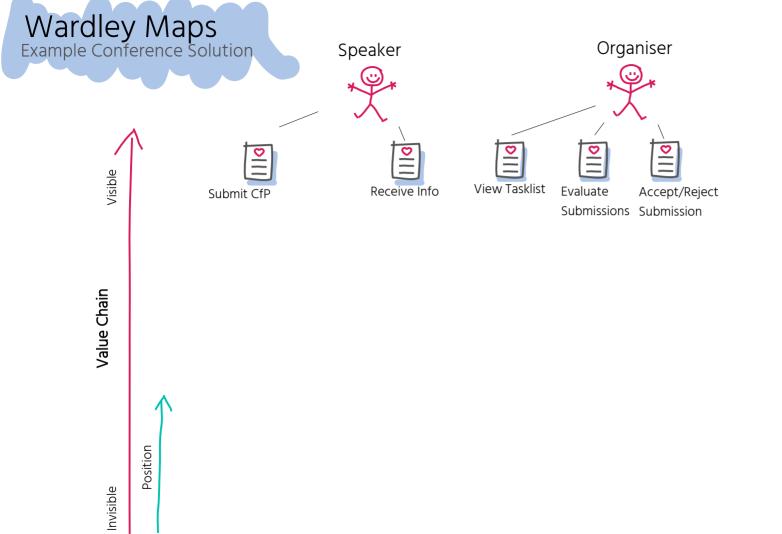


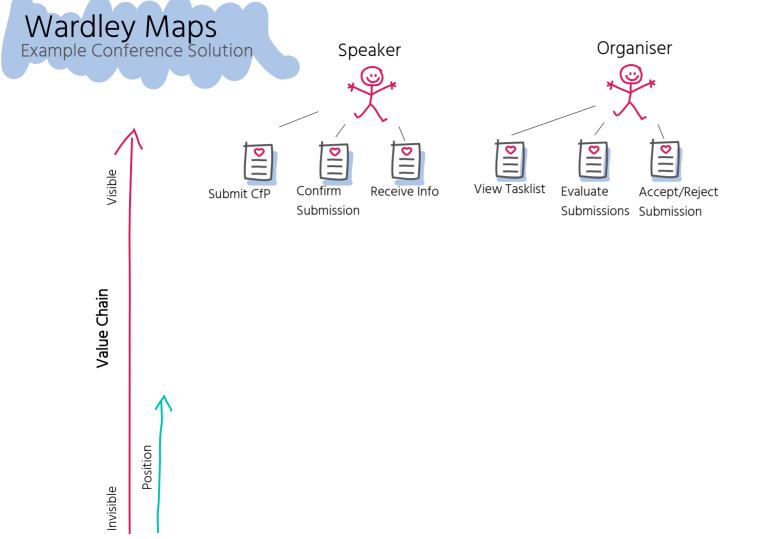


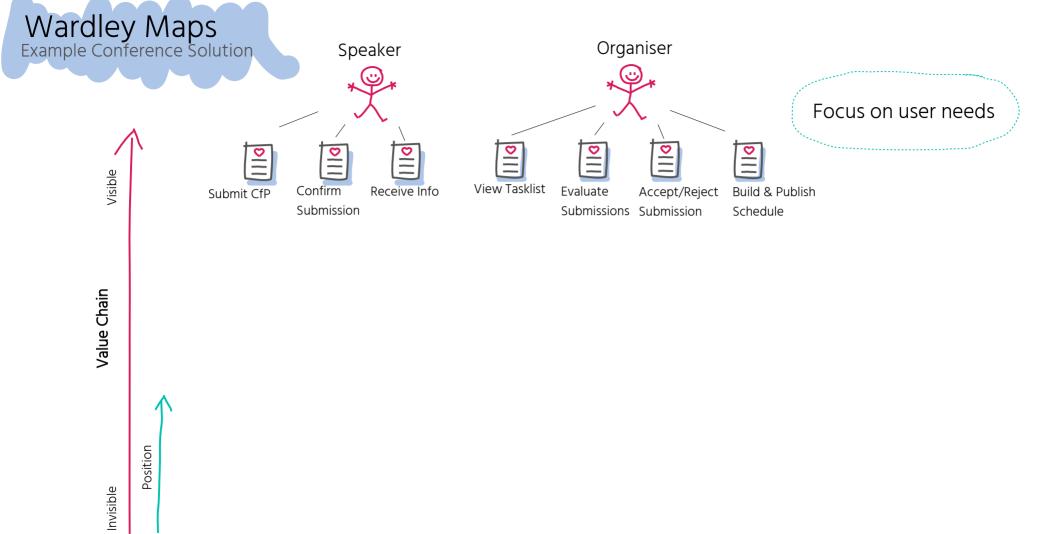


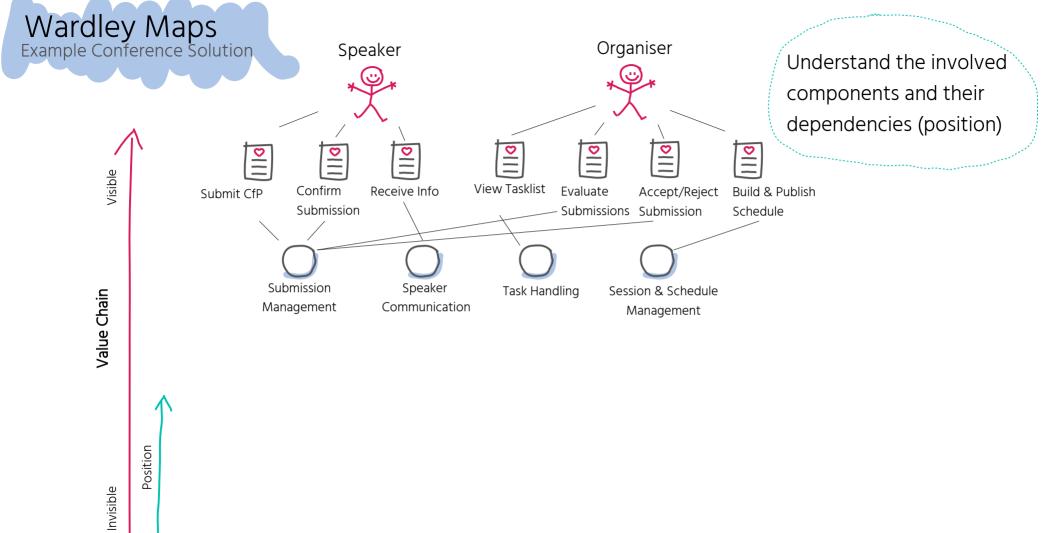


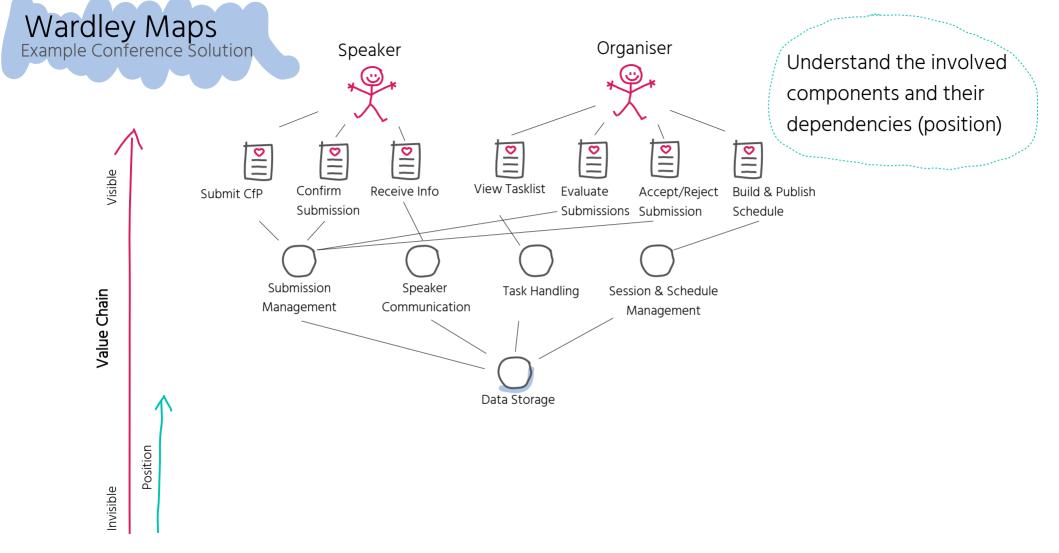


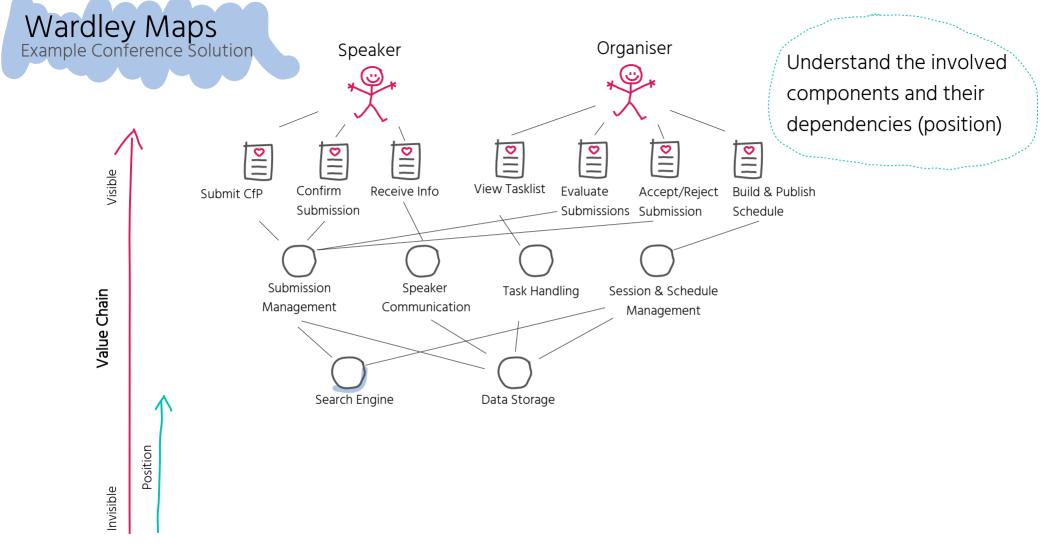


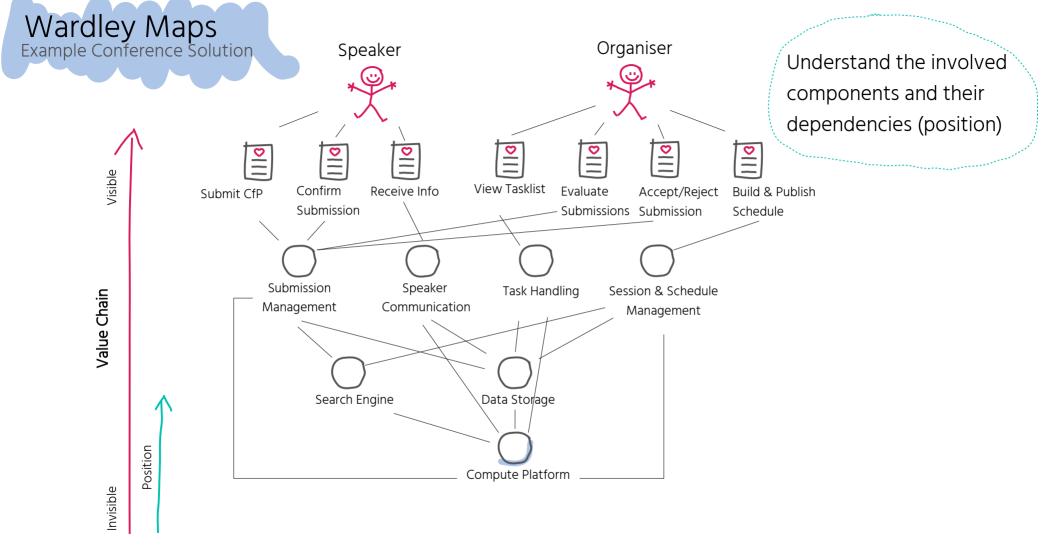


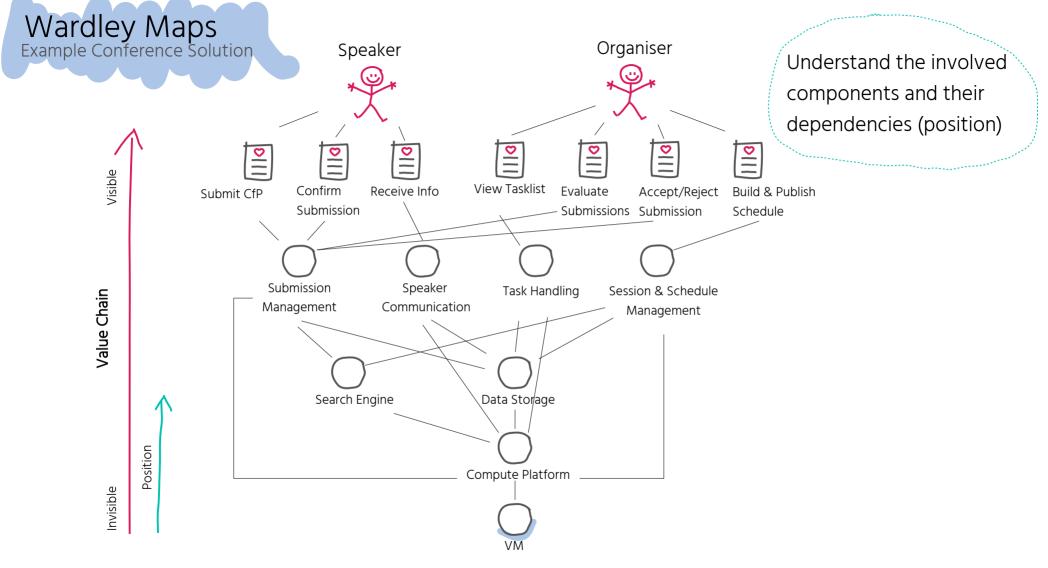


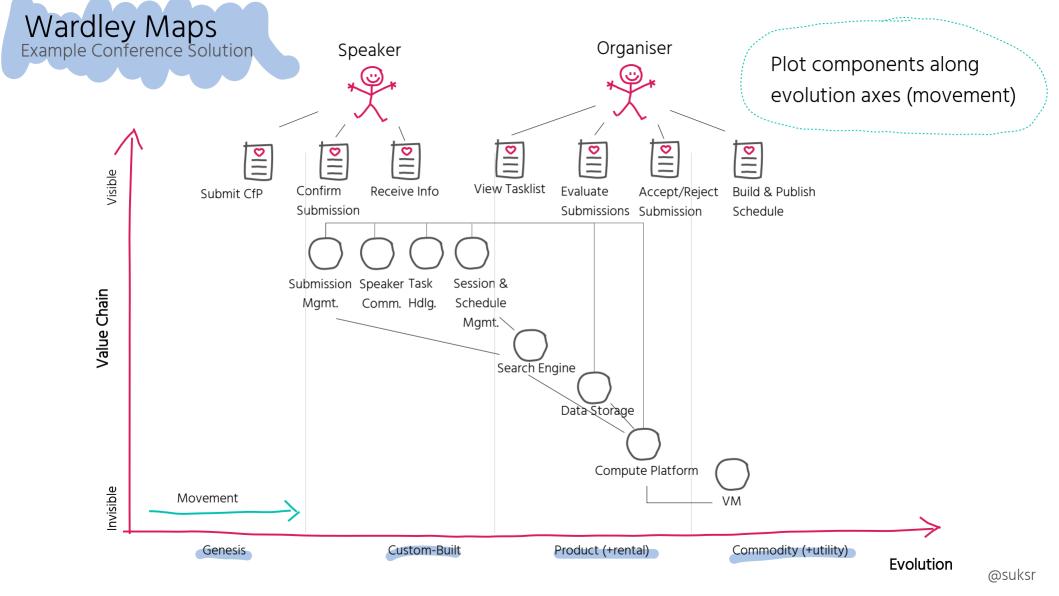


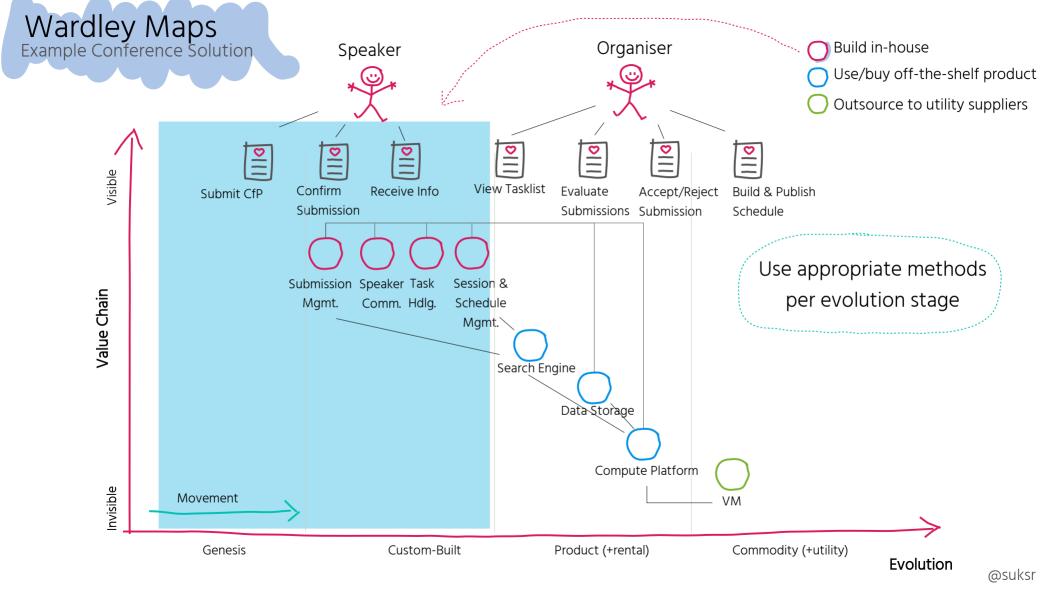


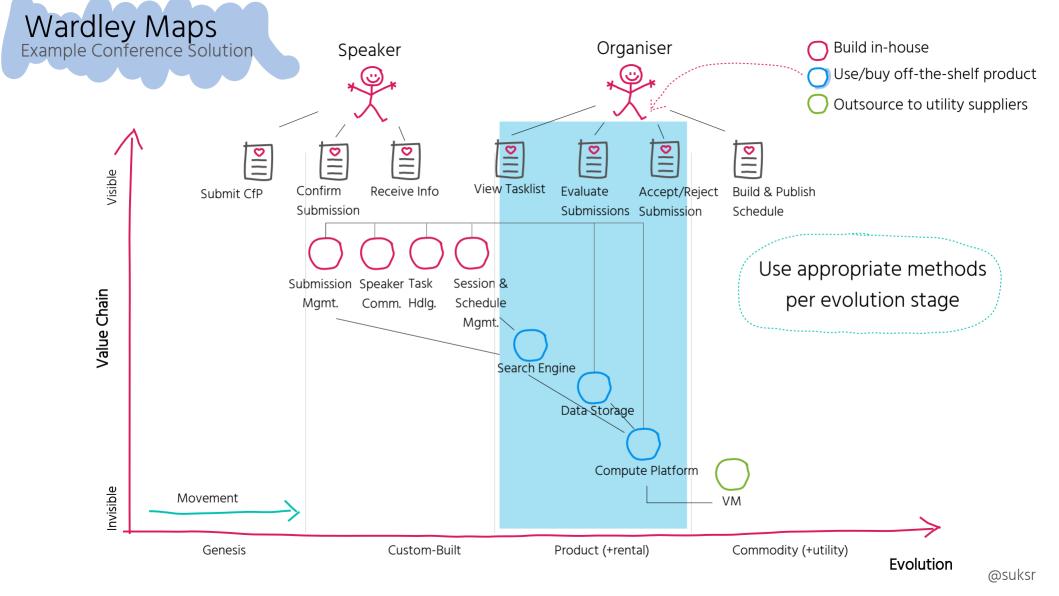


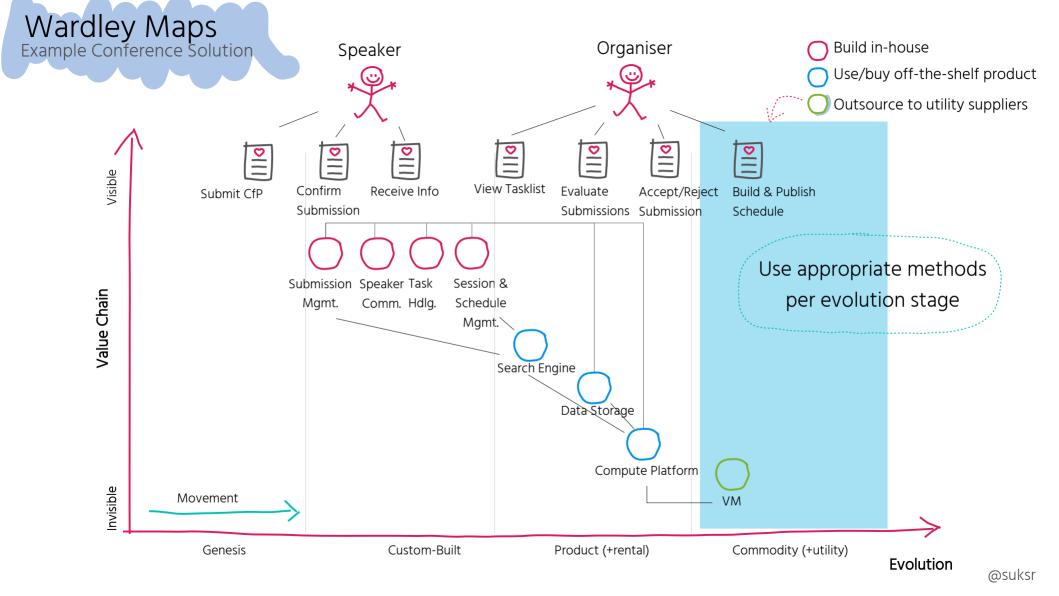


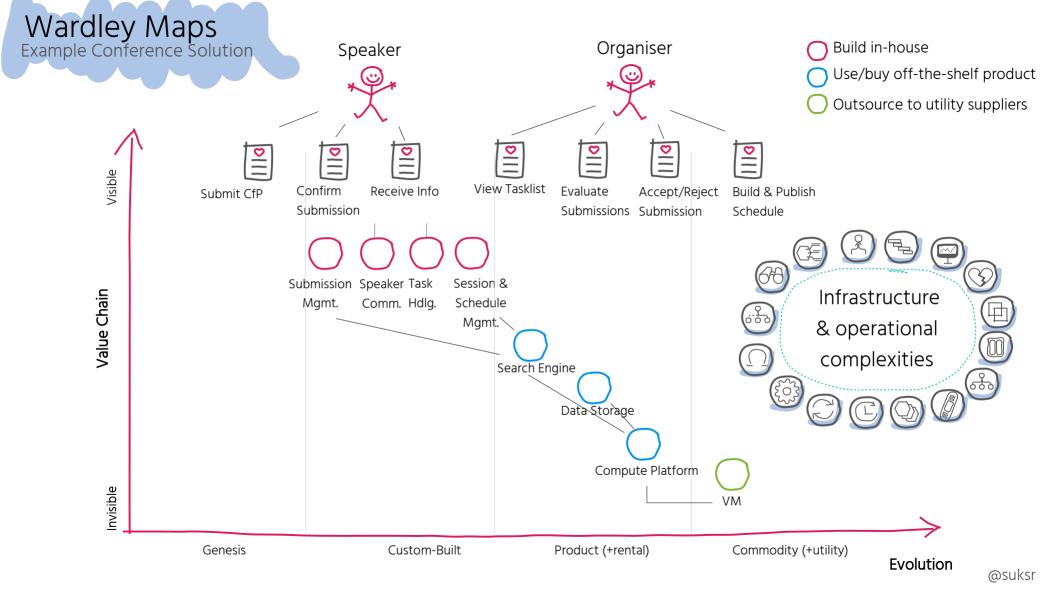


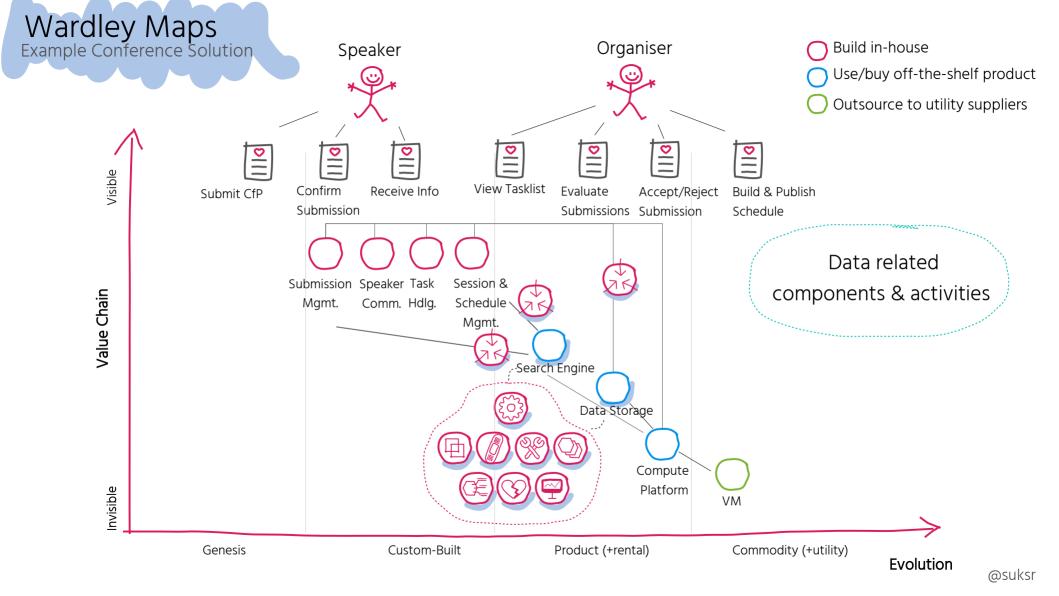


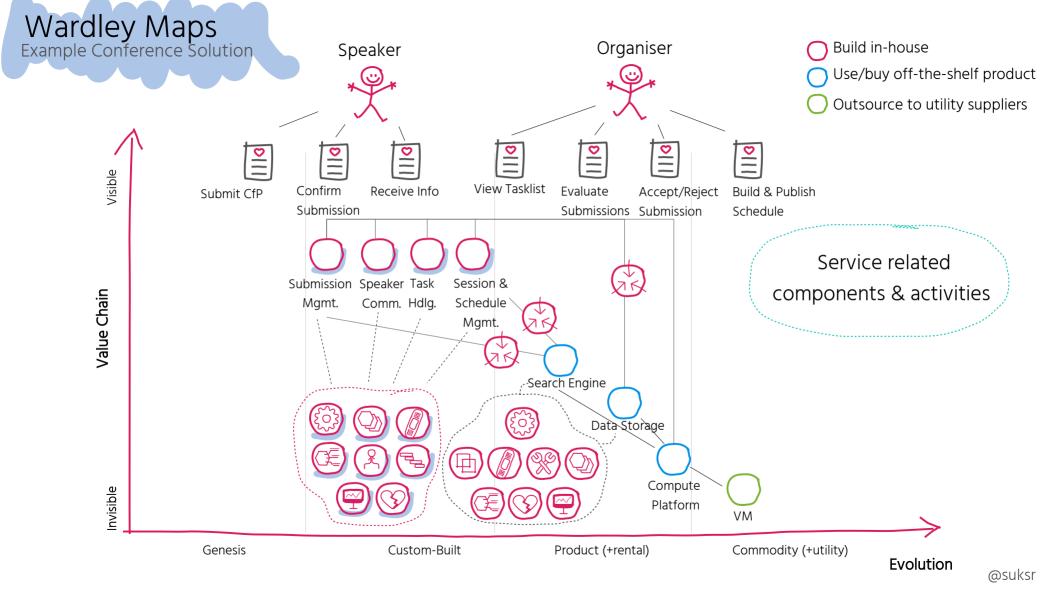


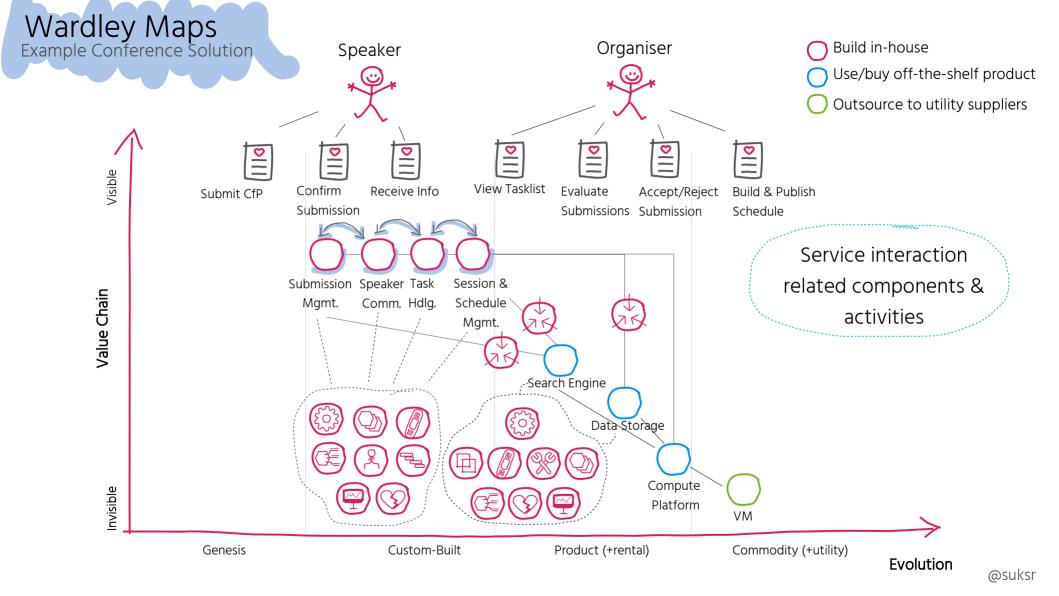




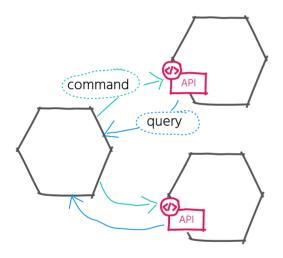






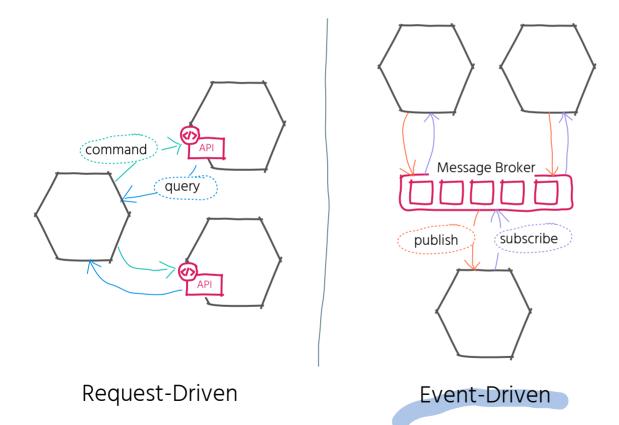


# Service Interactions

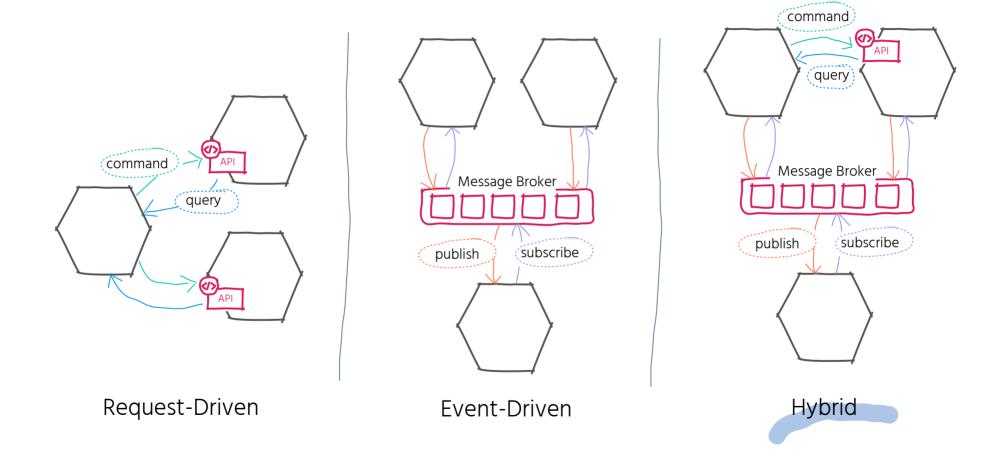


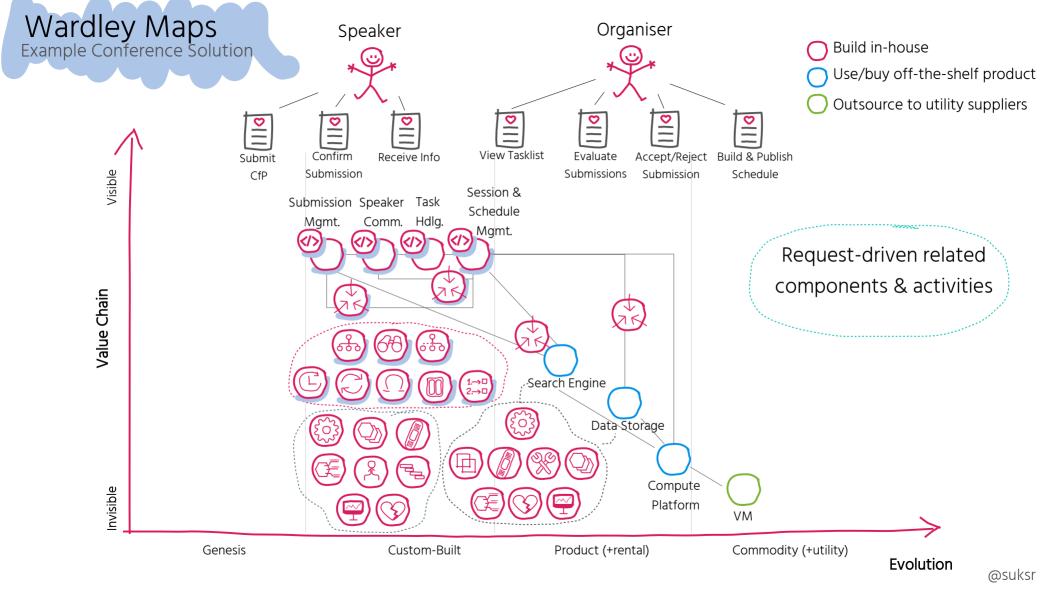
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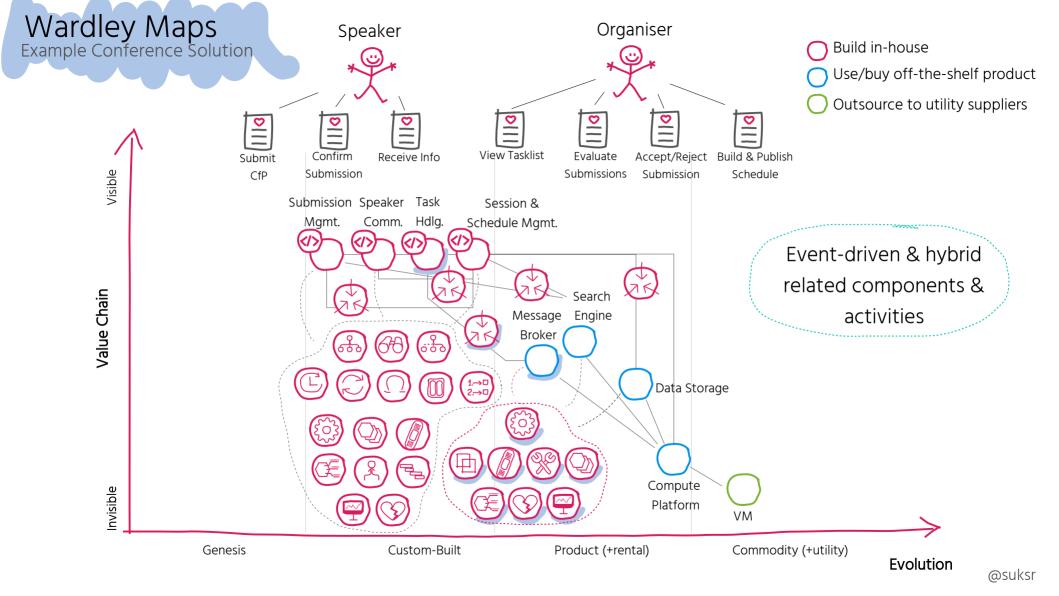
## Service Interactions

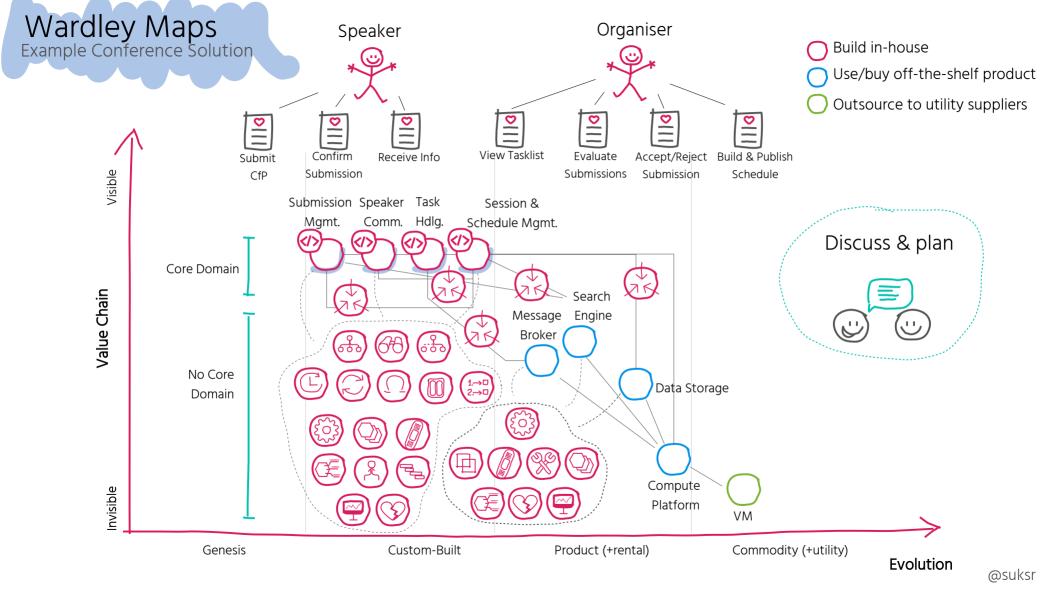


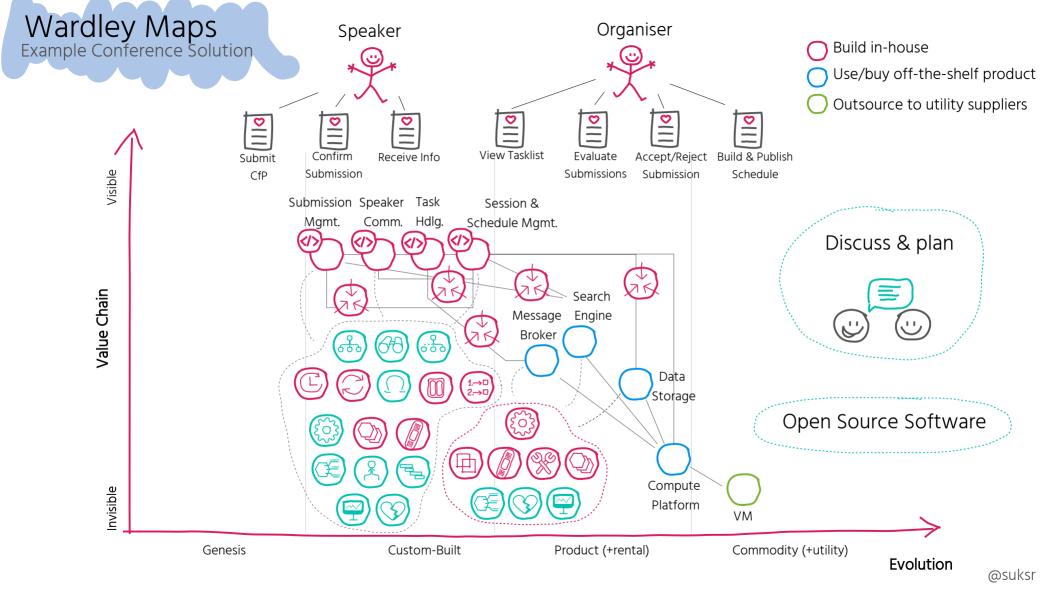
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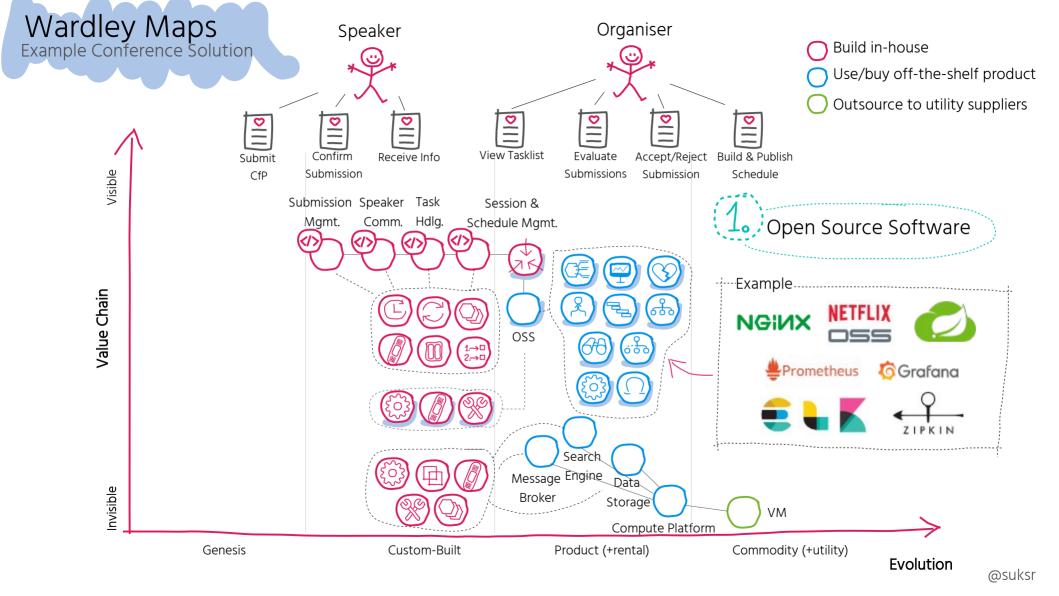


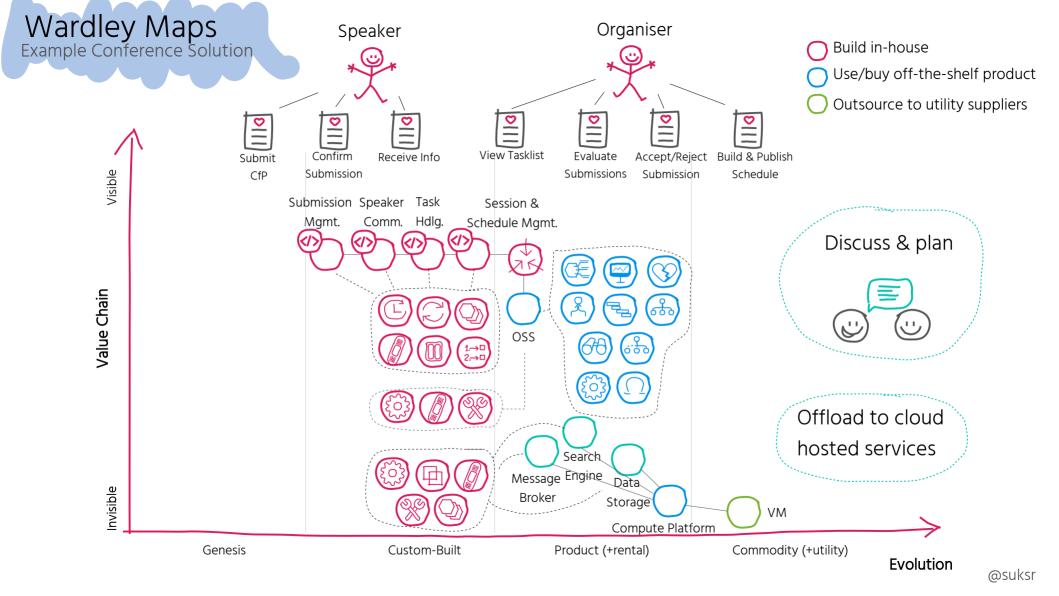


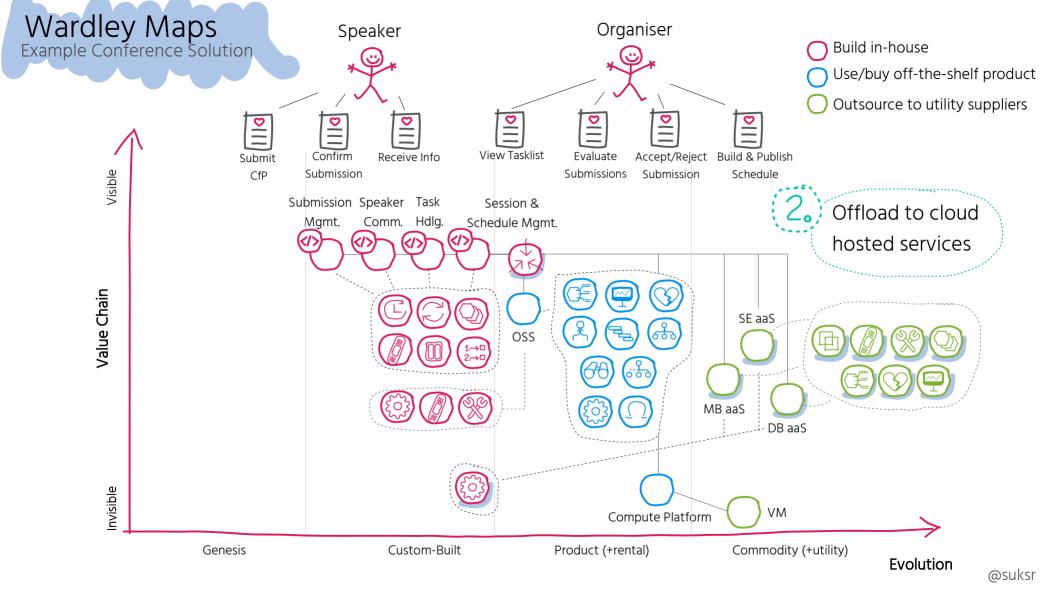


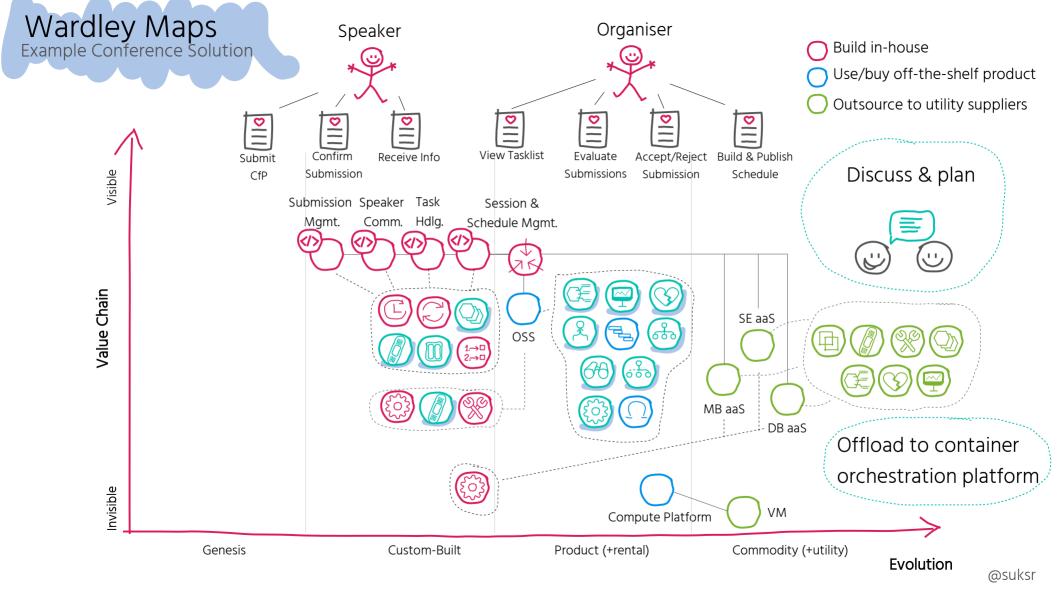






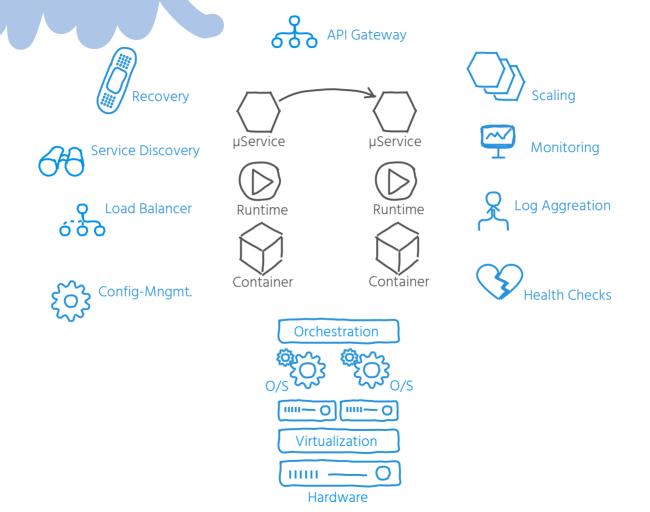




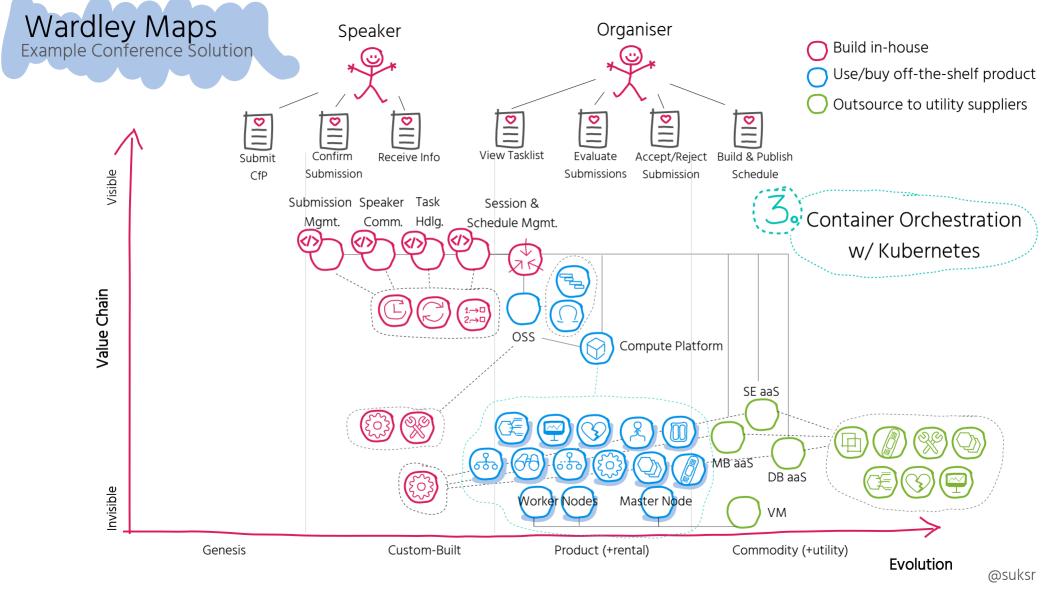


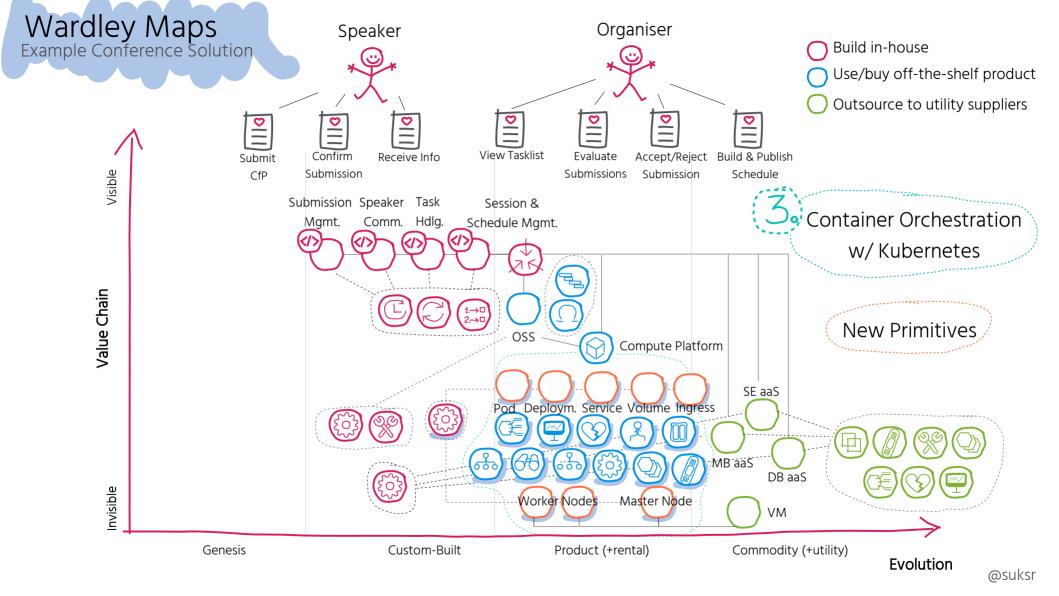
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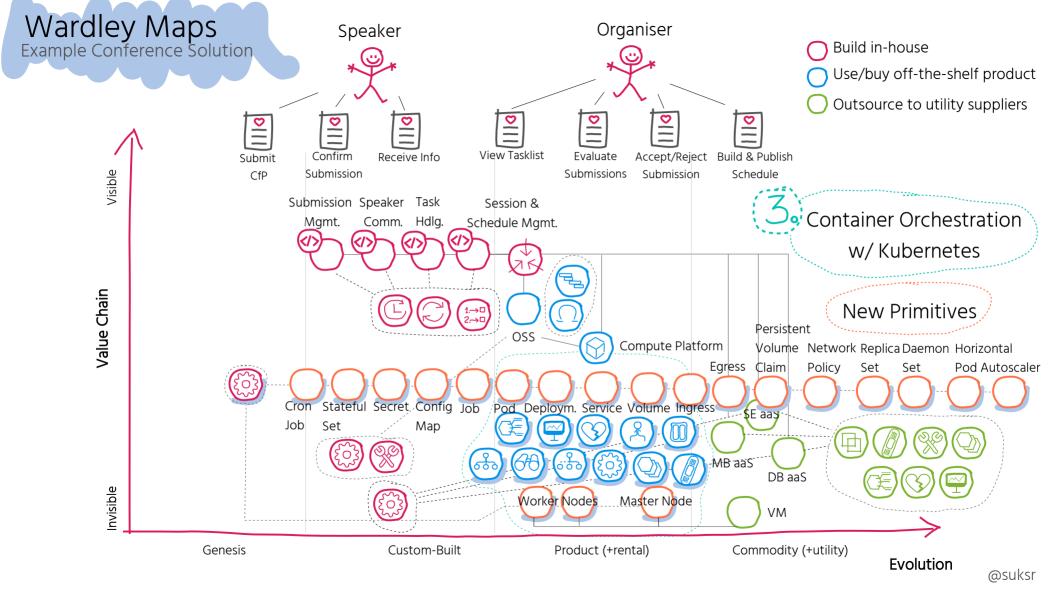
With Kubernetes

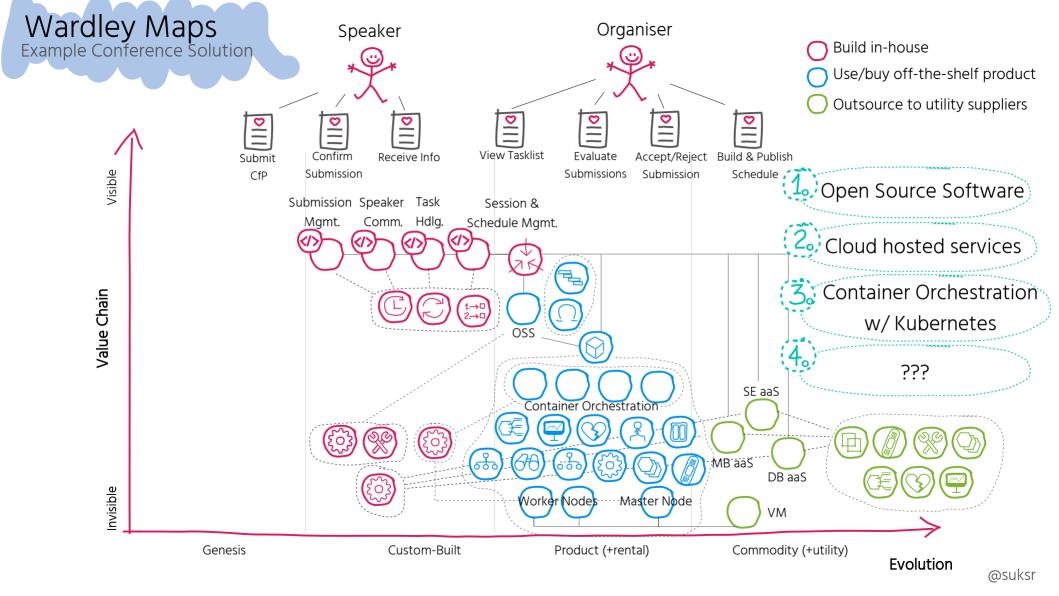


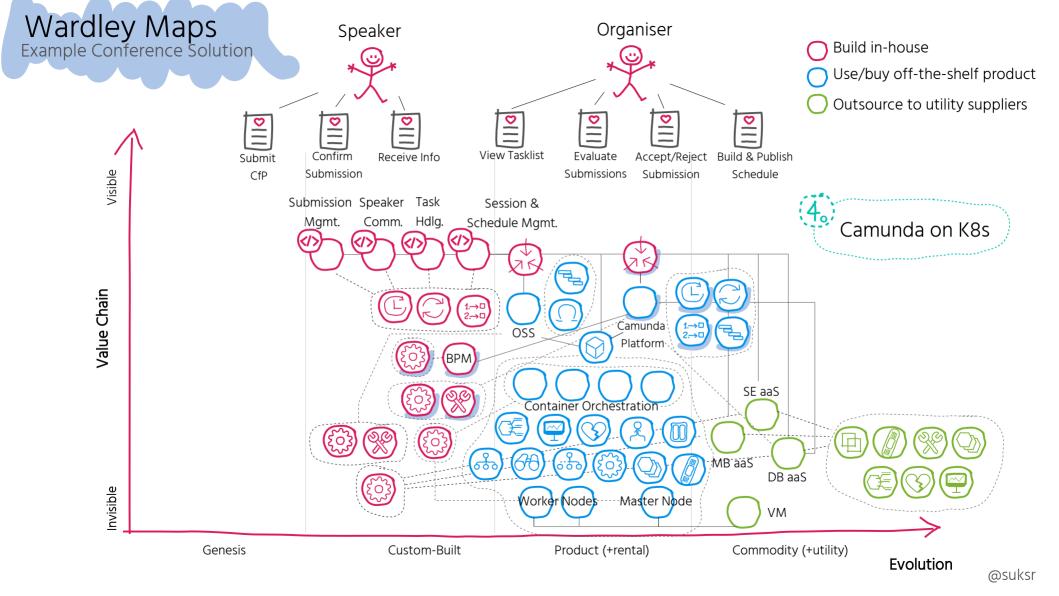
├─┤ Managed by YOU├─┤ Managed by Platform

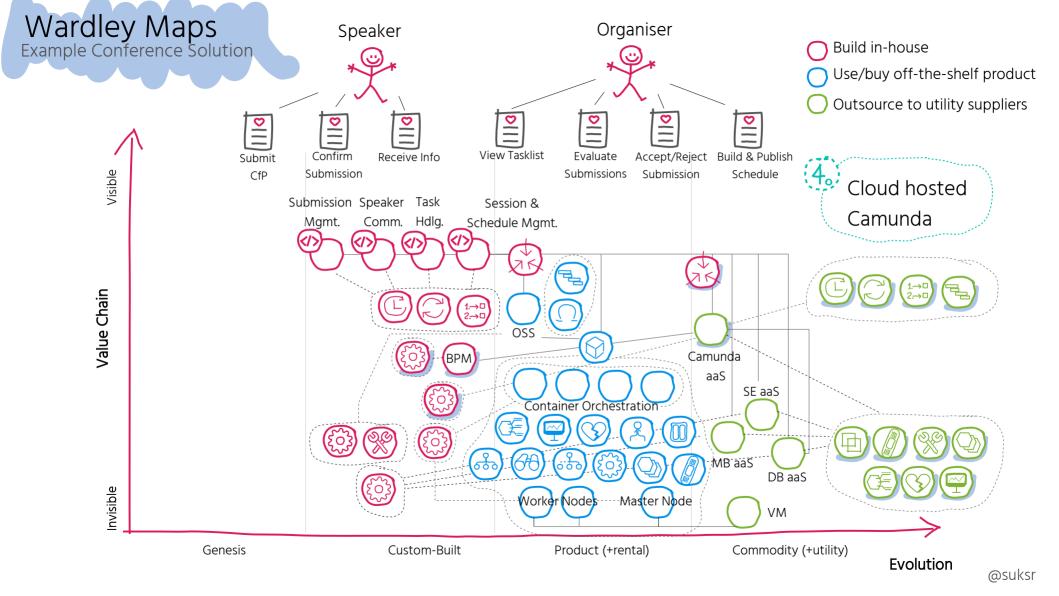


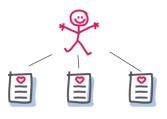












Fulfill user & business needs



Focus on core domain & build in-house

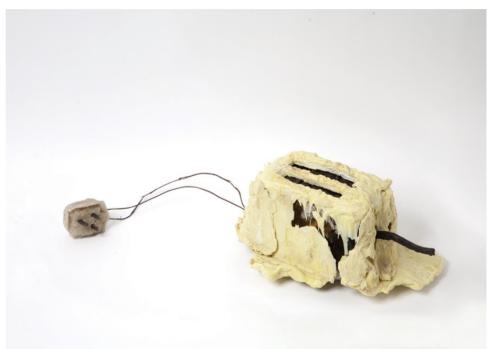


Identify & outsource commodities



Continuously adapt





## THANK YOU

Susanne Kaiser
Independent Tech Consultant
@suksr
susanne@kaiser-consulting.net