

# AGENDA

- What is Strategic Design?
- Ubiquitous Language and Bounded Contexts
- Subdomains
- Bounded Contexts vs. Subdomains
- Context Mapping
- Context Mapping vs. Technical Architecture

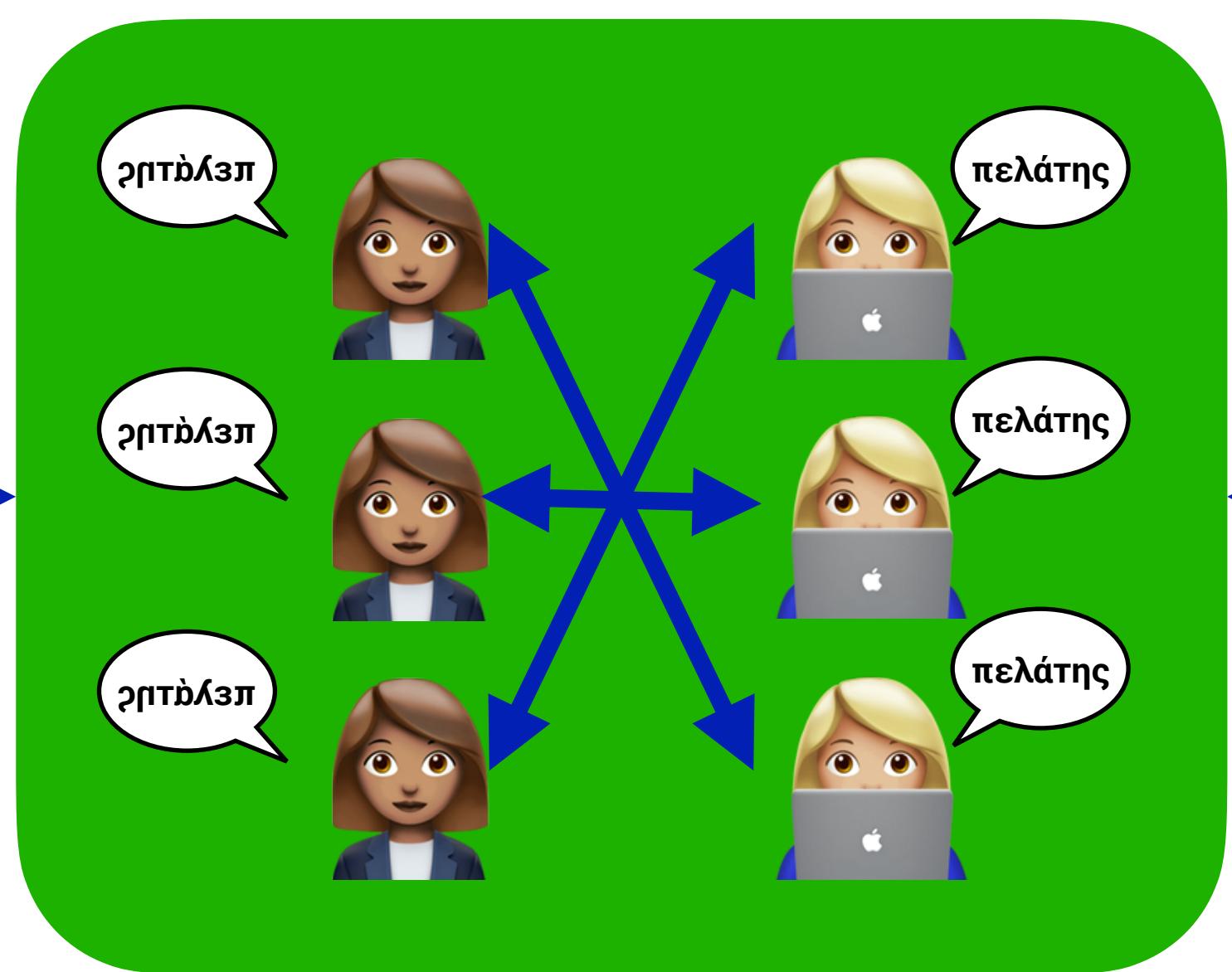
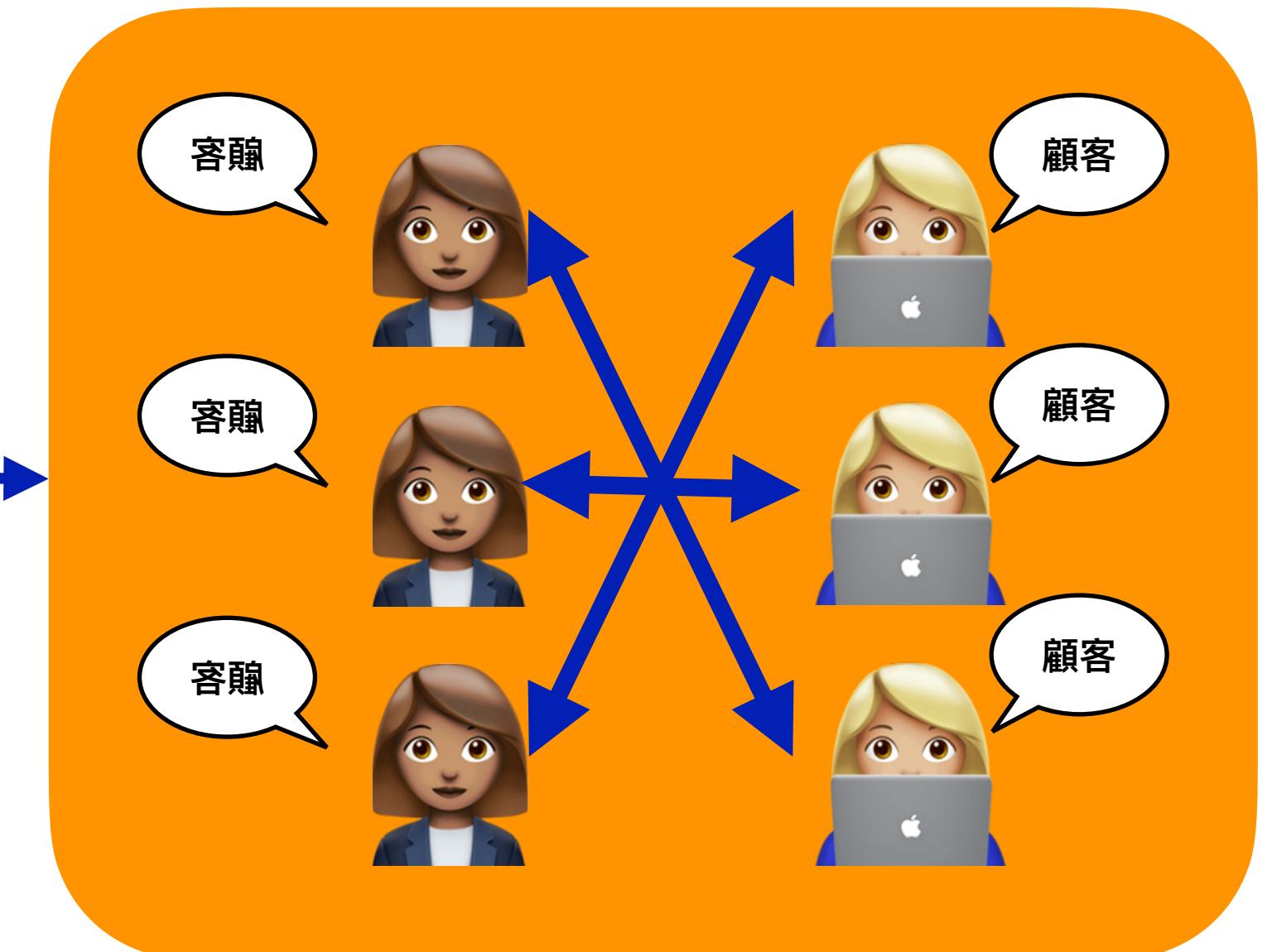
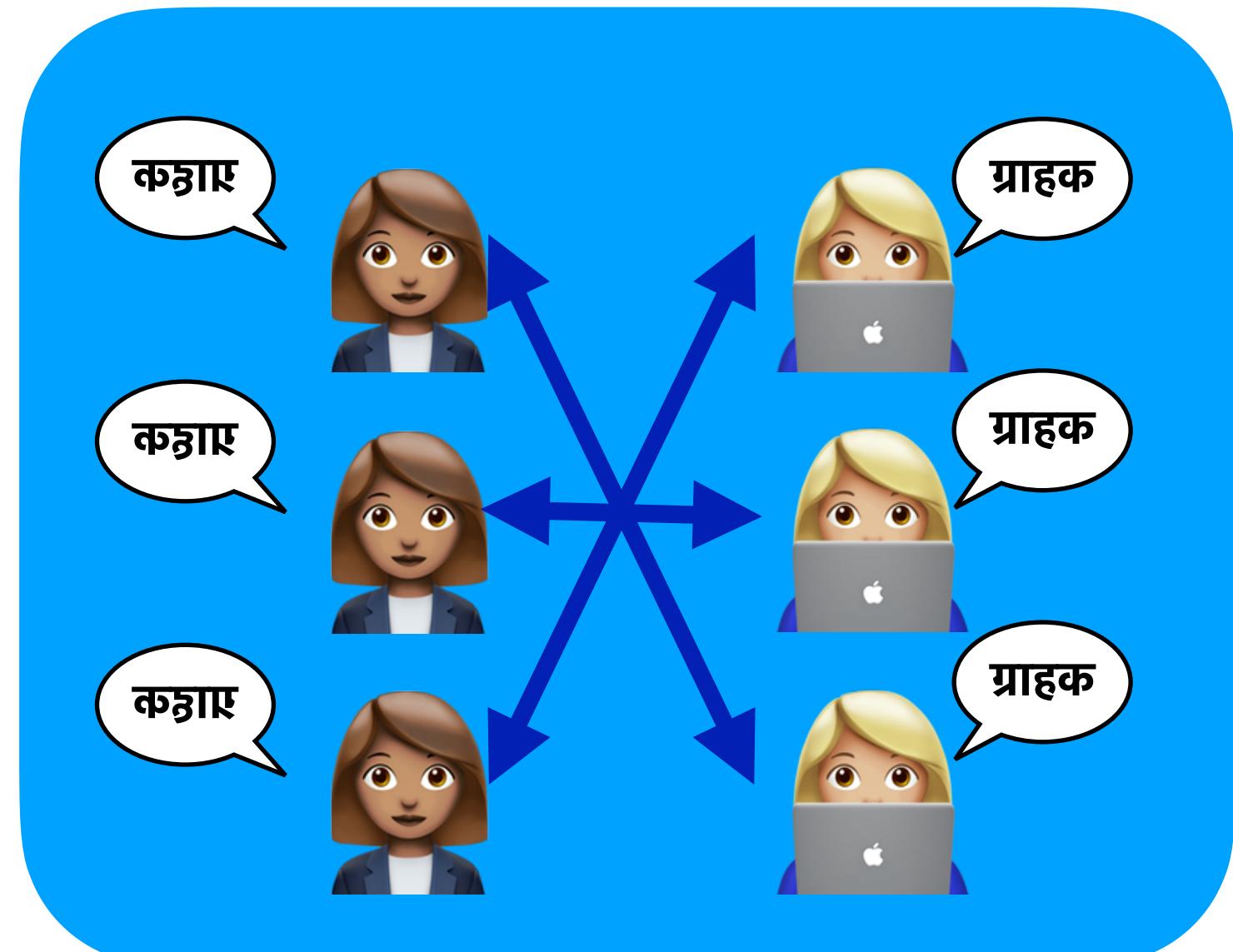


**STRATEGIC DESIGN - THE VIEW FROM 35,000 FEET**

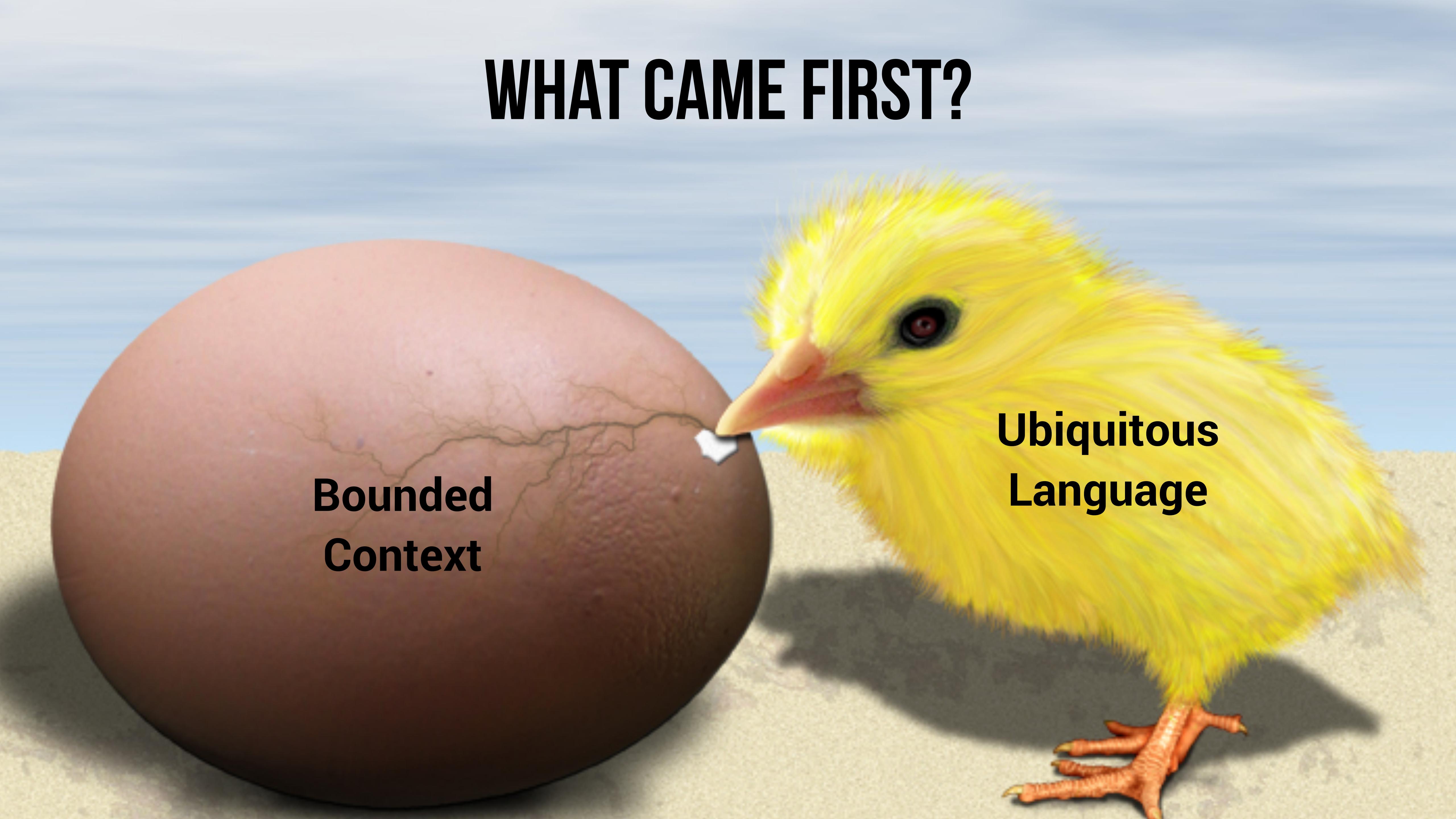


# FINDING THE SEAMS

# INTEGRATING THE PIECES



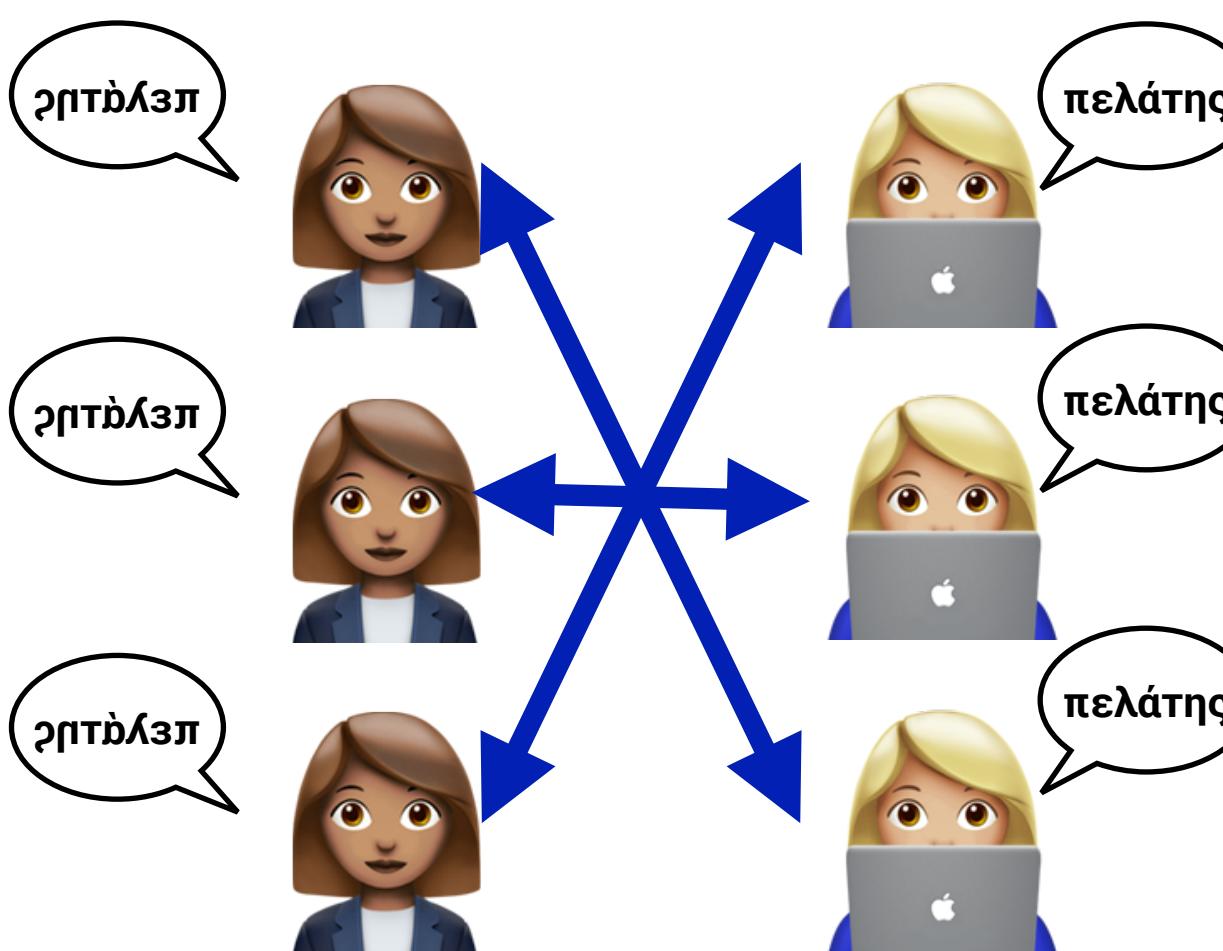
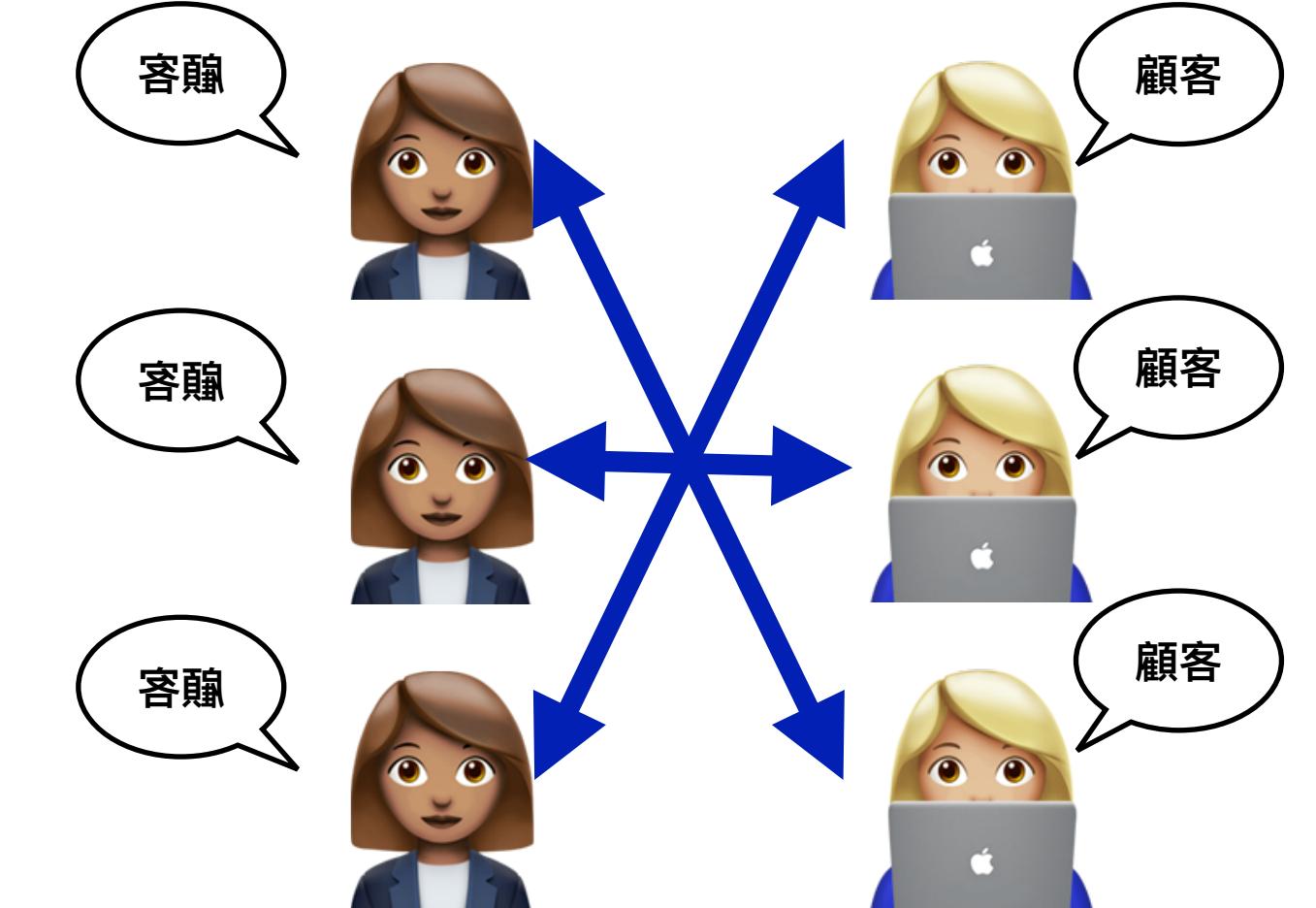
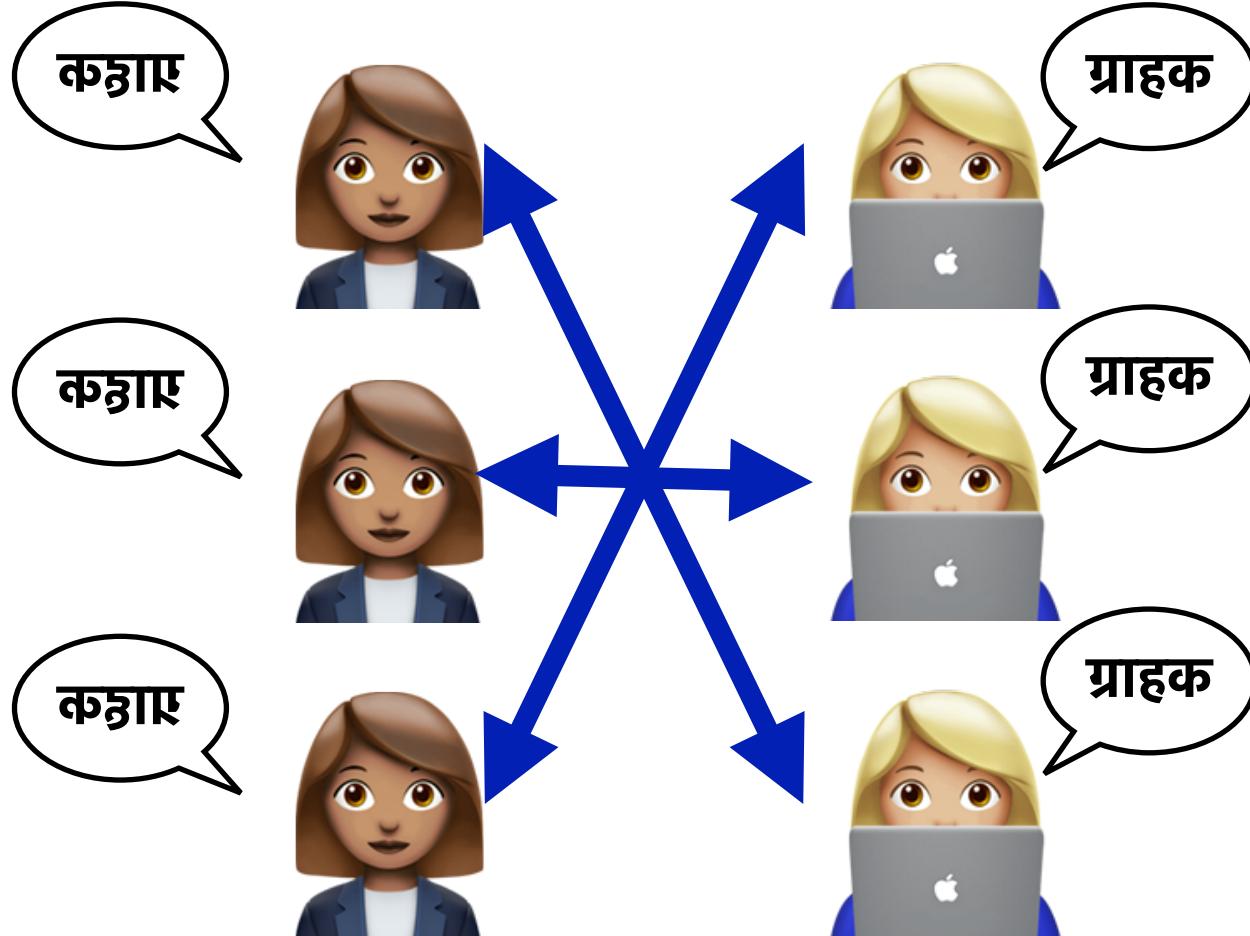
# WHAT CAME FIRST?



**Bounded  
Context**

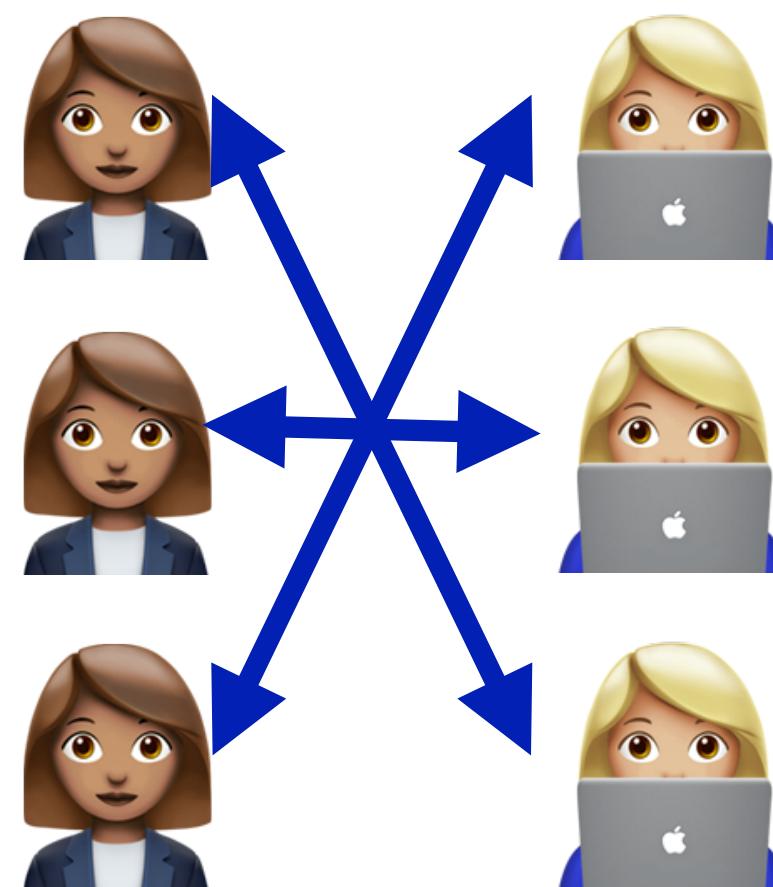
**Ubiquitous  
Language**

# GLOBAL UBIQUITOUS LANGUAGE?

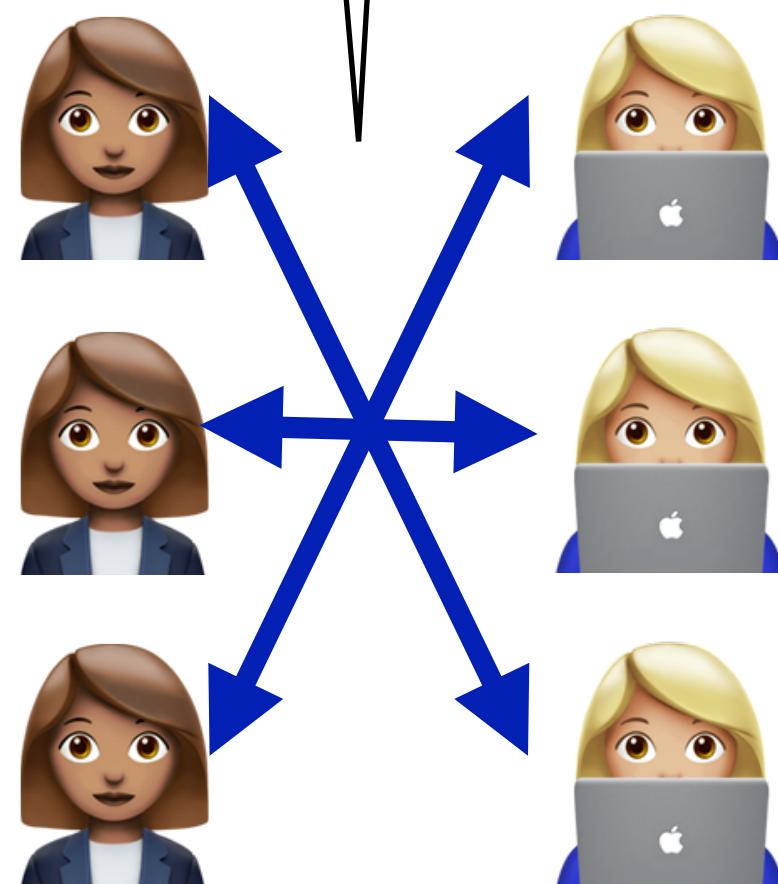


# ESSENTIAL DIFFERENCES

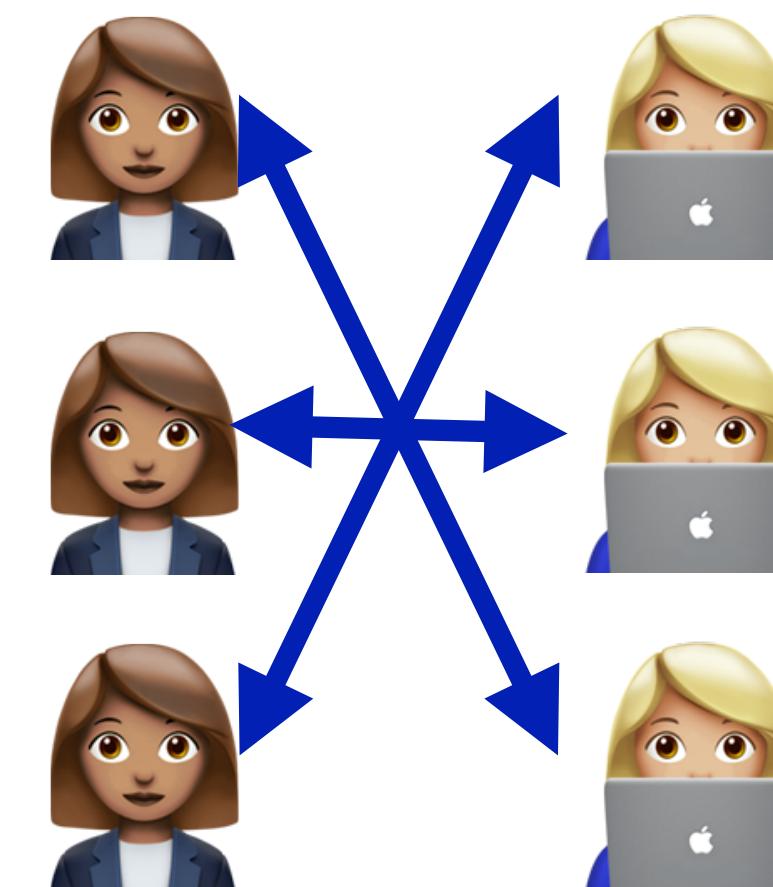
An Order is something for which we process Payments!



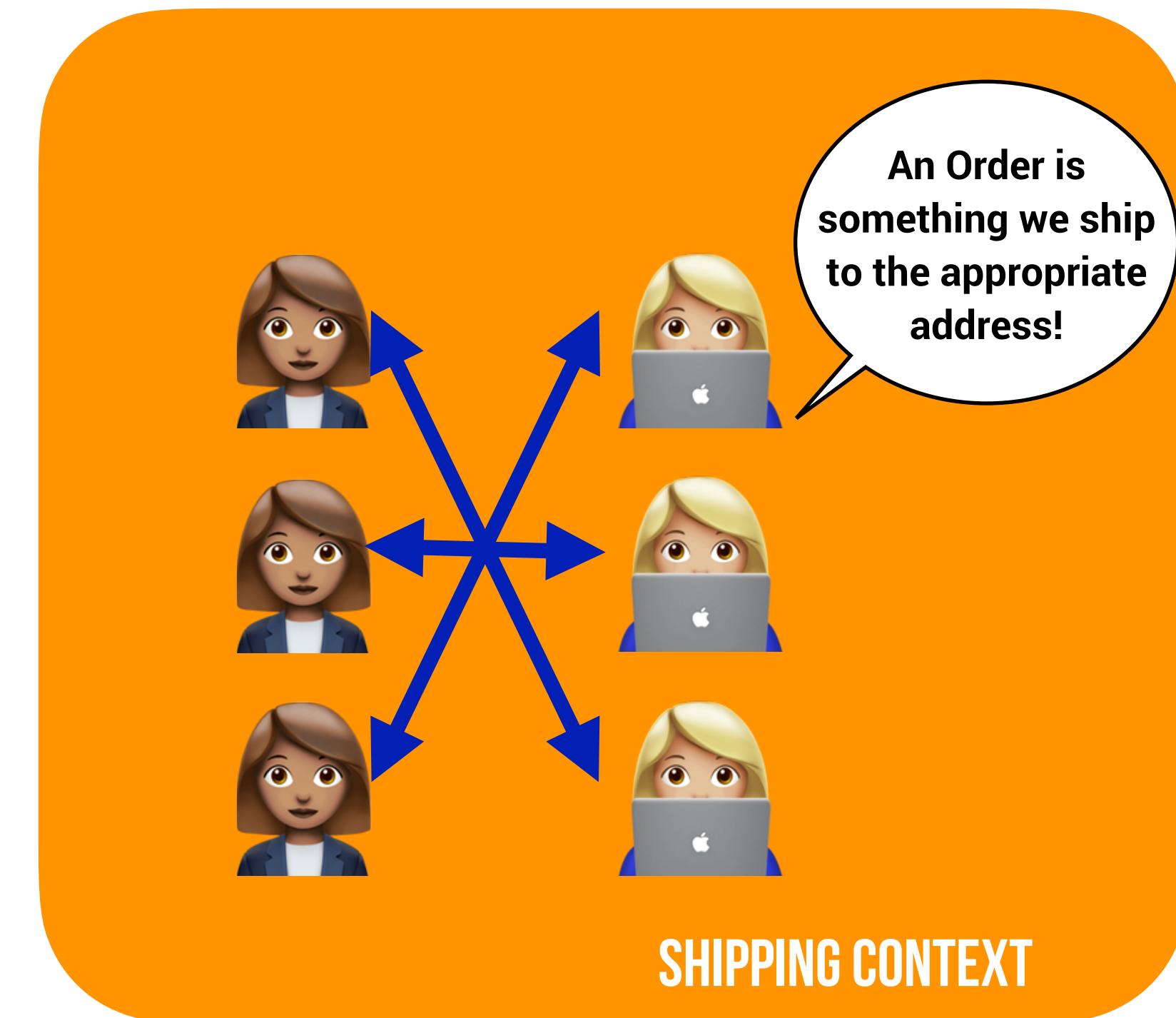
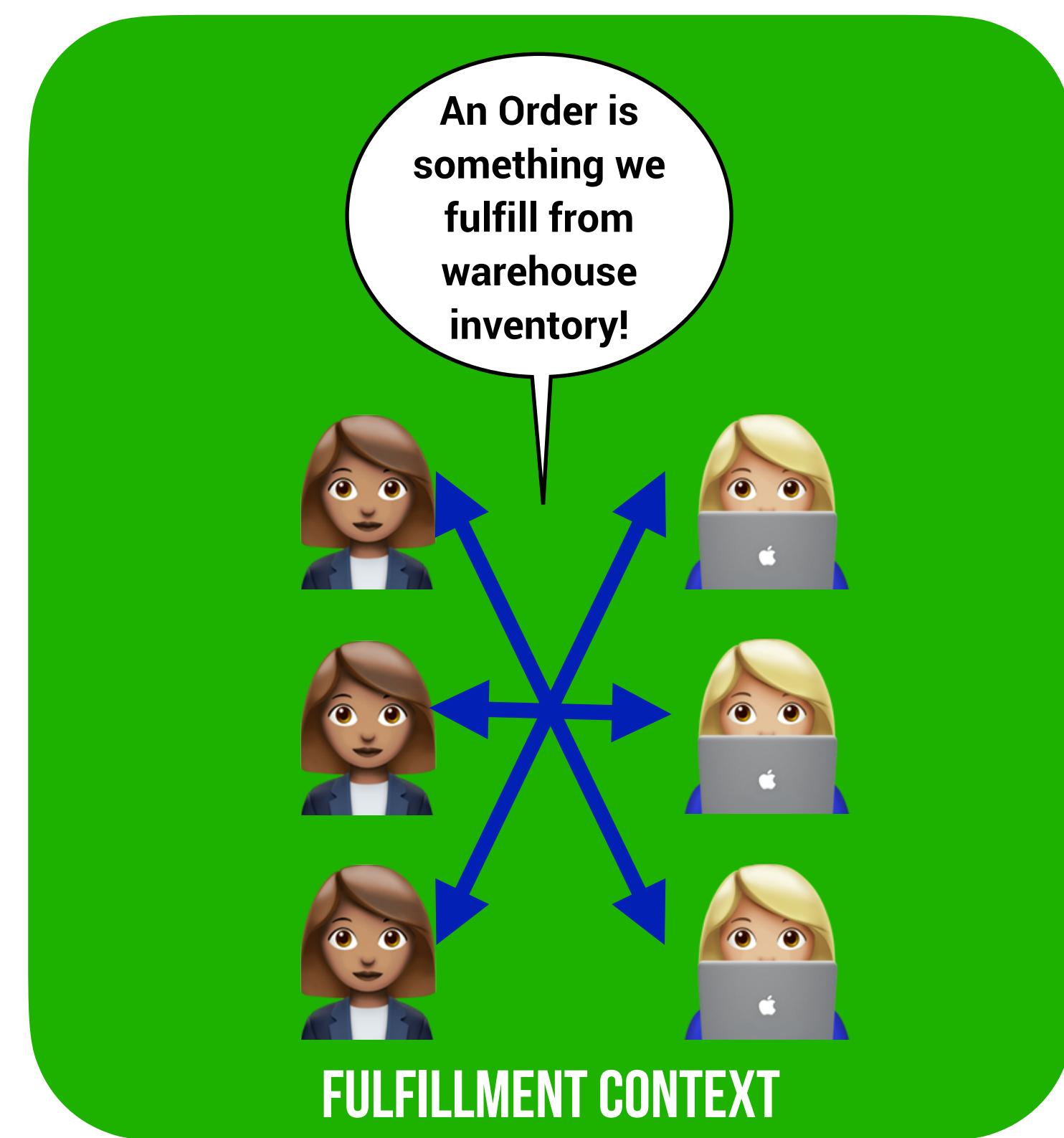
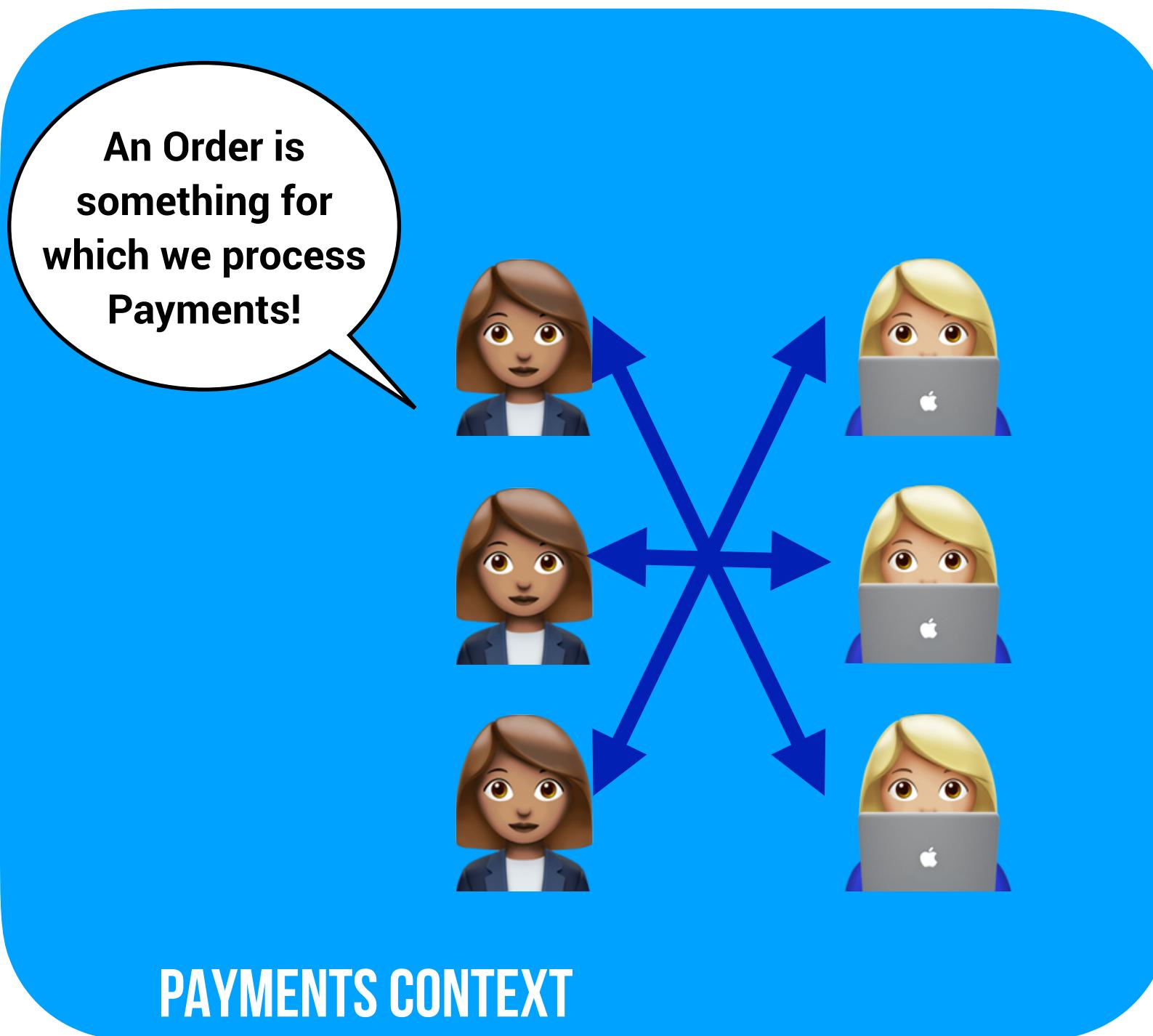
An Order is something we fulfill from warehouse inventory!



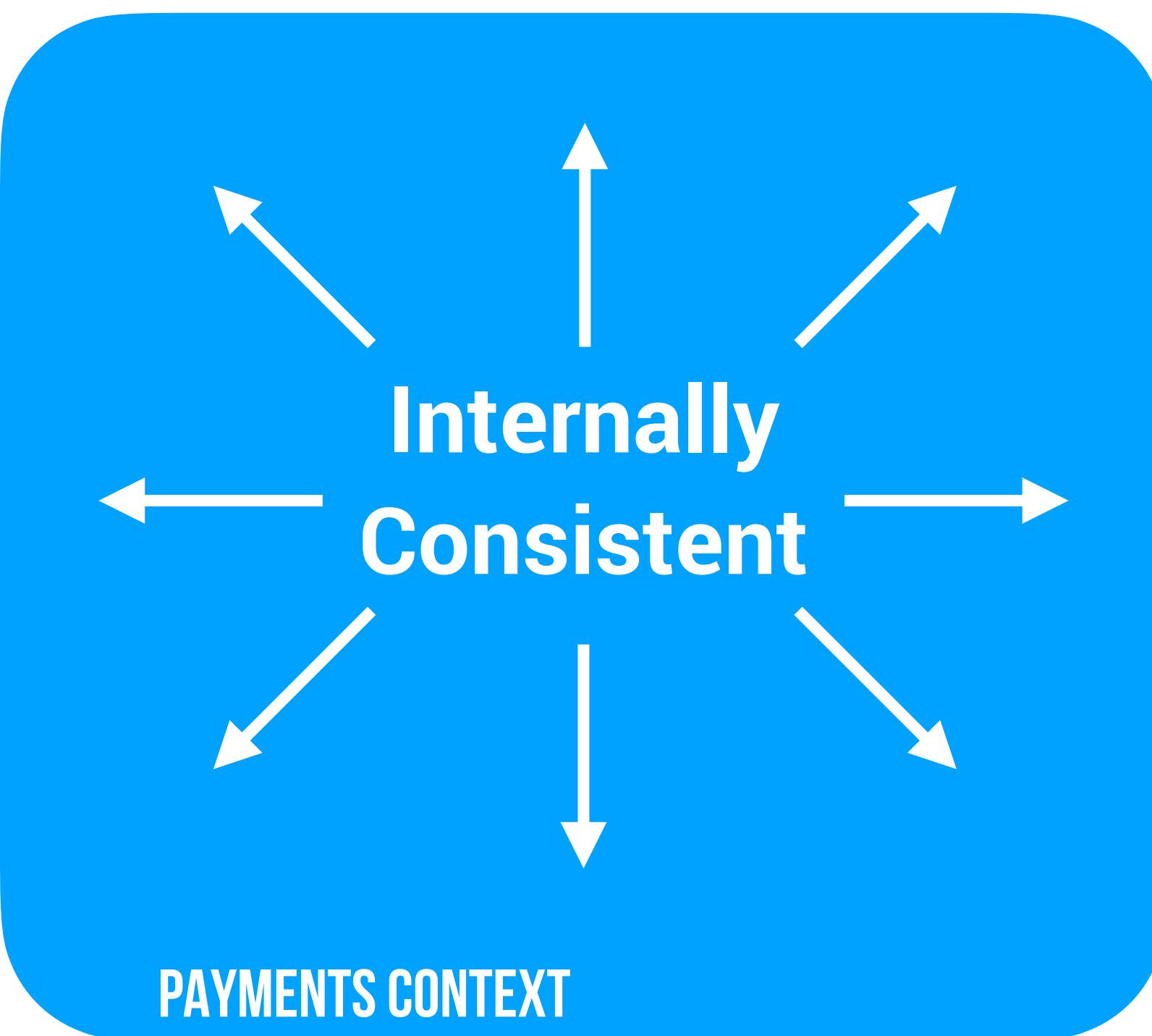
An Order is something we ship to the appropriate address!



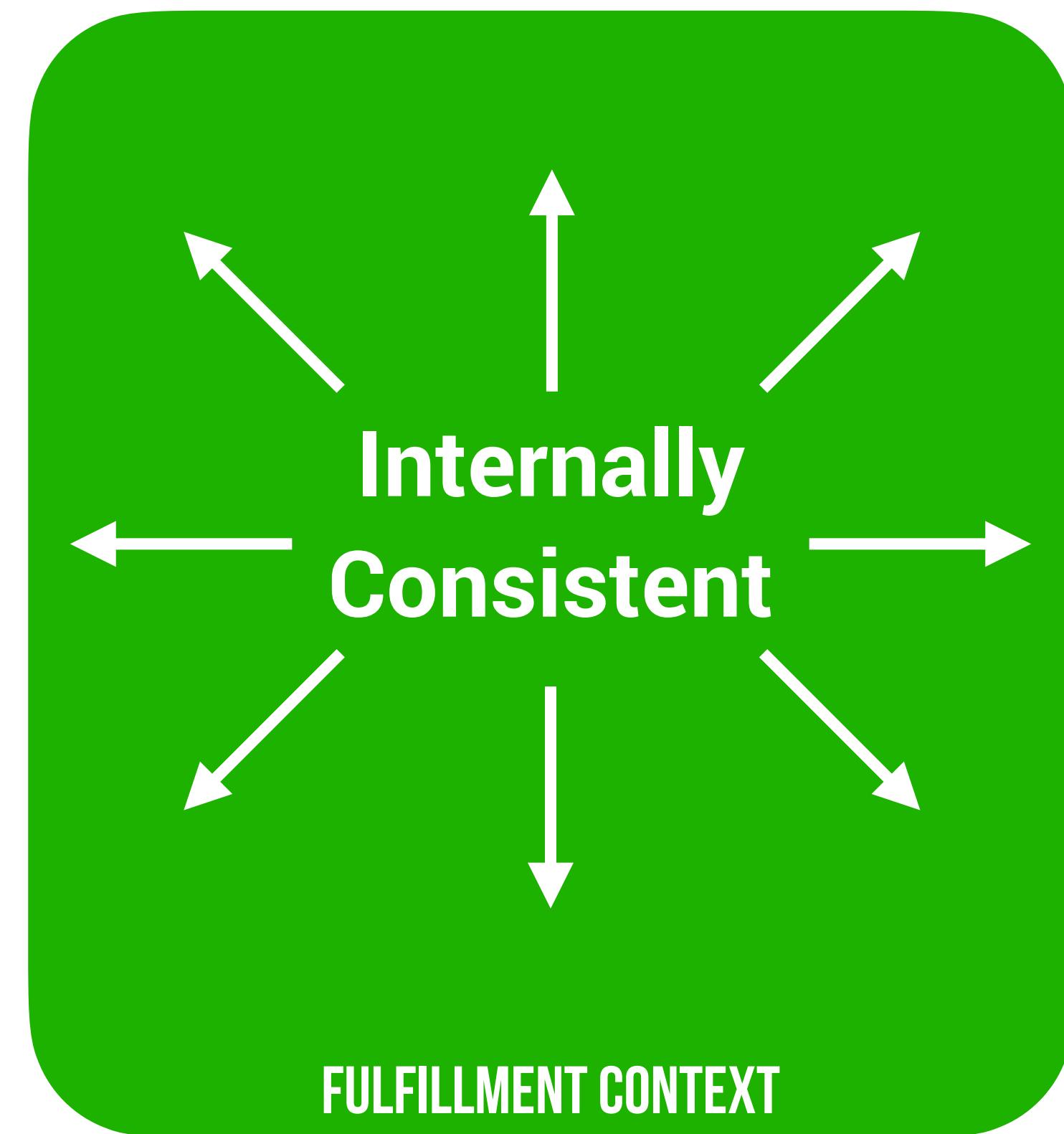
# BOUND AND EMBRACE THE DIFFERENCES



# THE LANGUAGE IS SCOPED



**Undefined**



**Undefined**



**Undefined**

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A **Subdomain** is a single, logical domain model that  
is a sub-part of your overall business domain.

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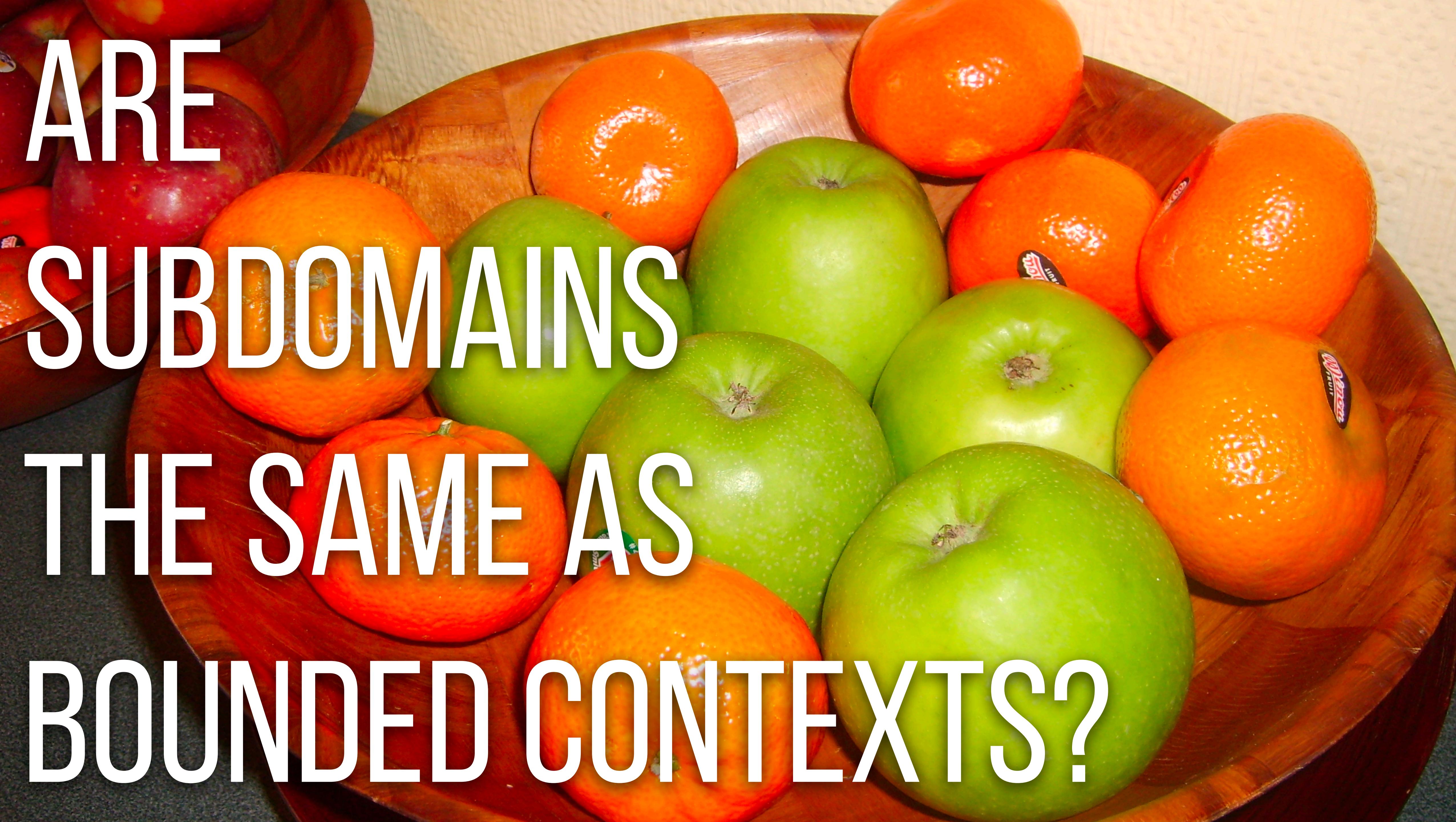
# SUBDOMAINS

- **Core**  
strategic, competitive differentiators
- **Generic**
  - necessary, but available as COTS/SaaS (e.g. HR software)
- **Supporting**
  - necessary, but requires custom software development

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Focus your DDD effort only on Core Subdomains.

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ARE  
SUBDOMAINS  
THE SAME AS  
BOUNDED CONTEXTS?

A wide-angle photograph of a rural landscape. In the foreground, there's a lush green field with some low-lying shrubs or small trees. Beyond the field, several rolling hills covered in green grass stretch across the middle ground. The background features a bright blue sky filled with scattered, fluffy white clouds.

**IDEAL:**

**1 BOUNDED CONTEXT : 1 SUBDOMAIN**

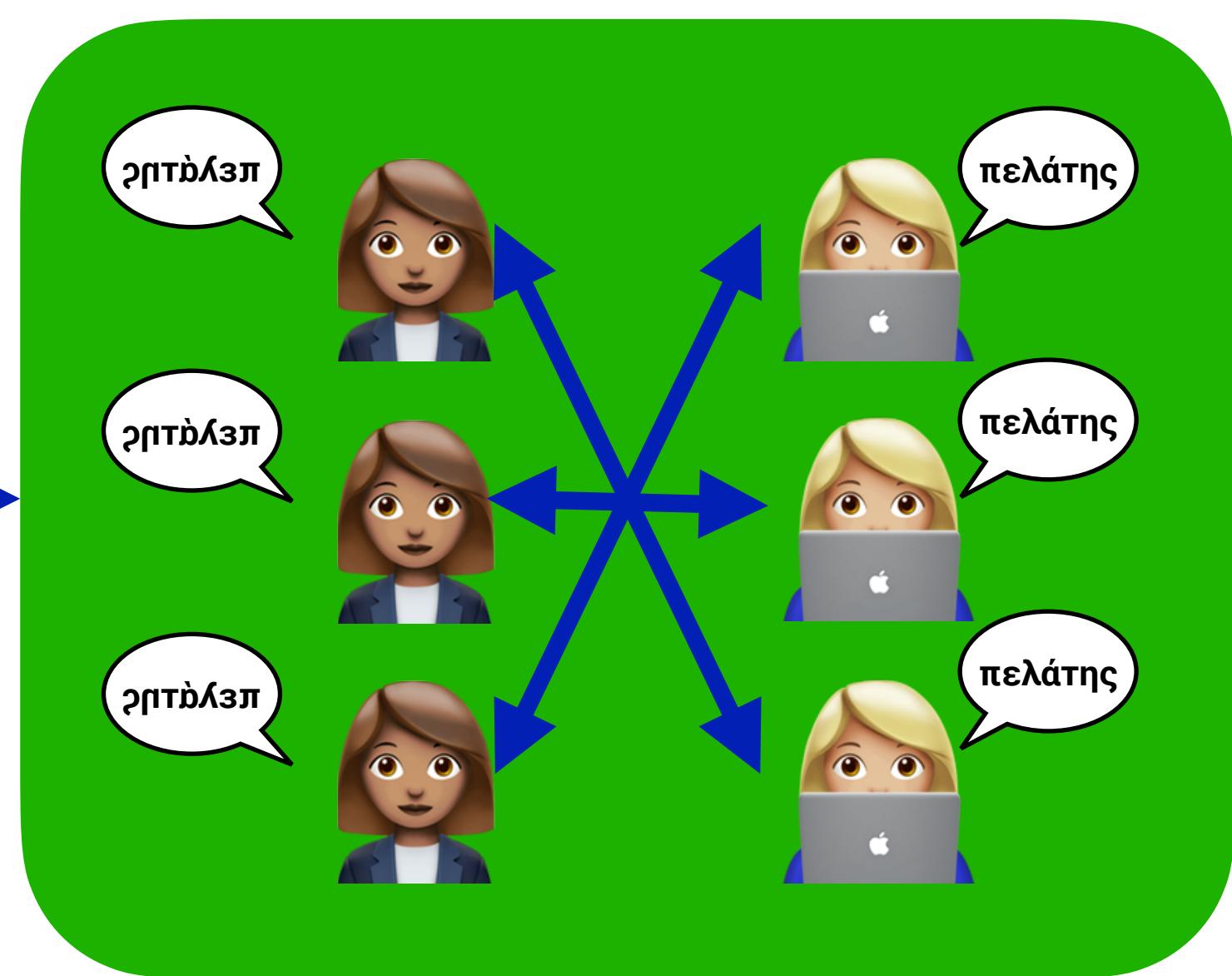
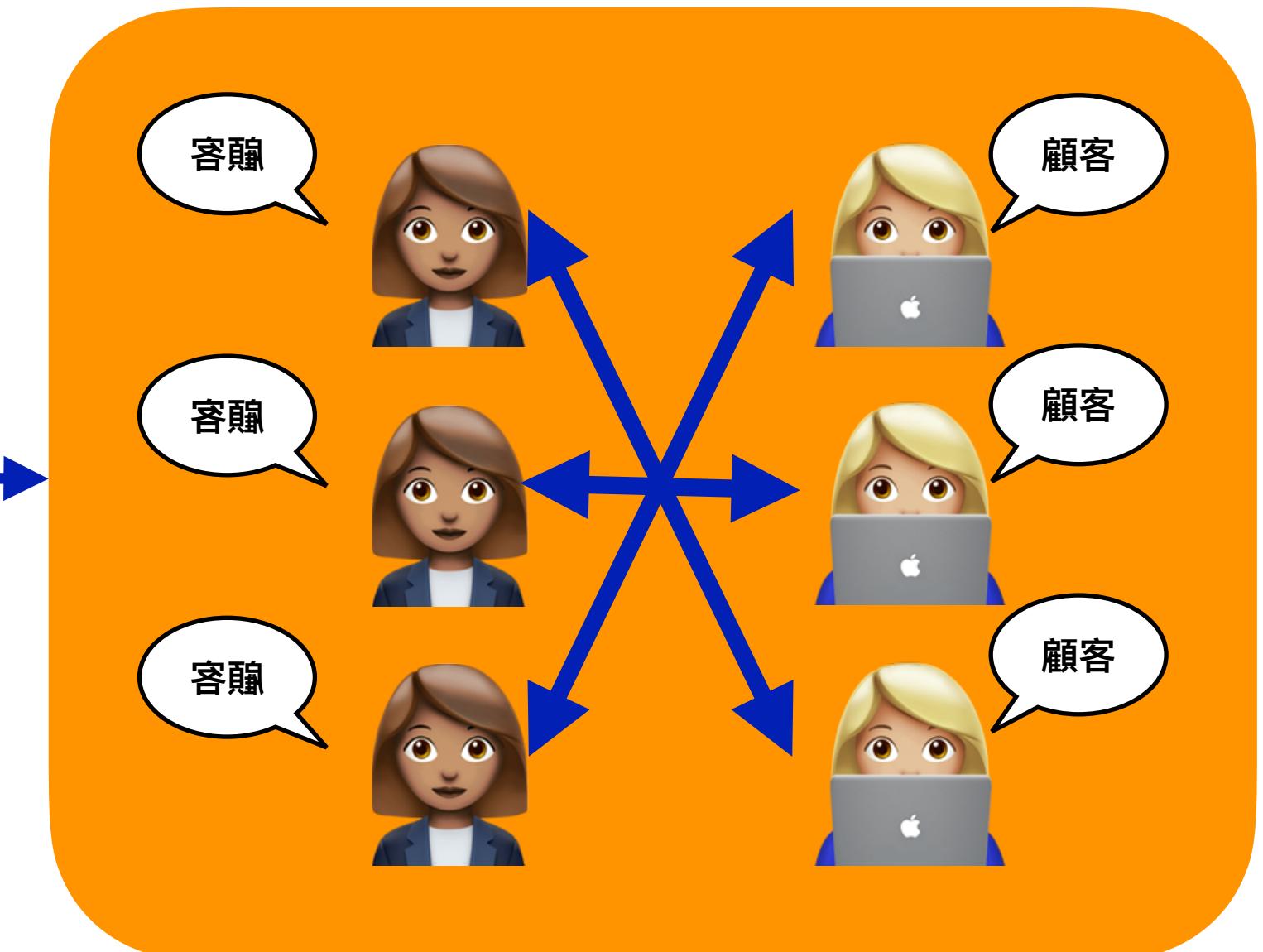
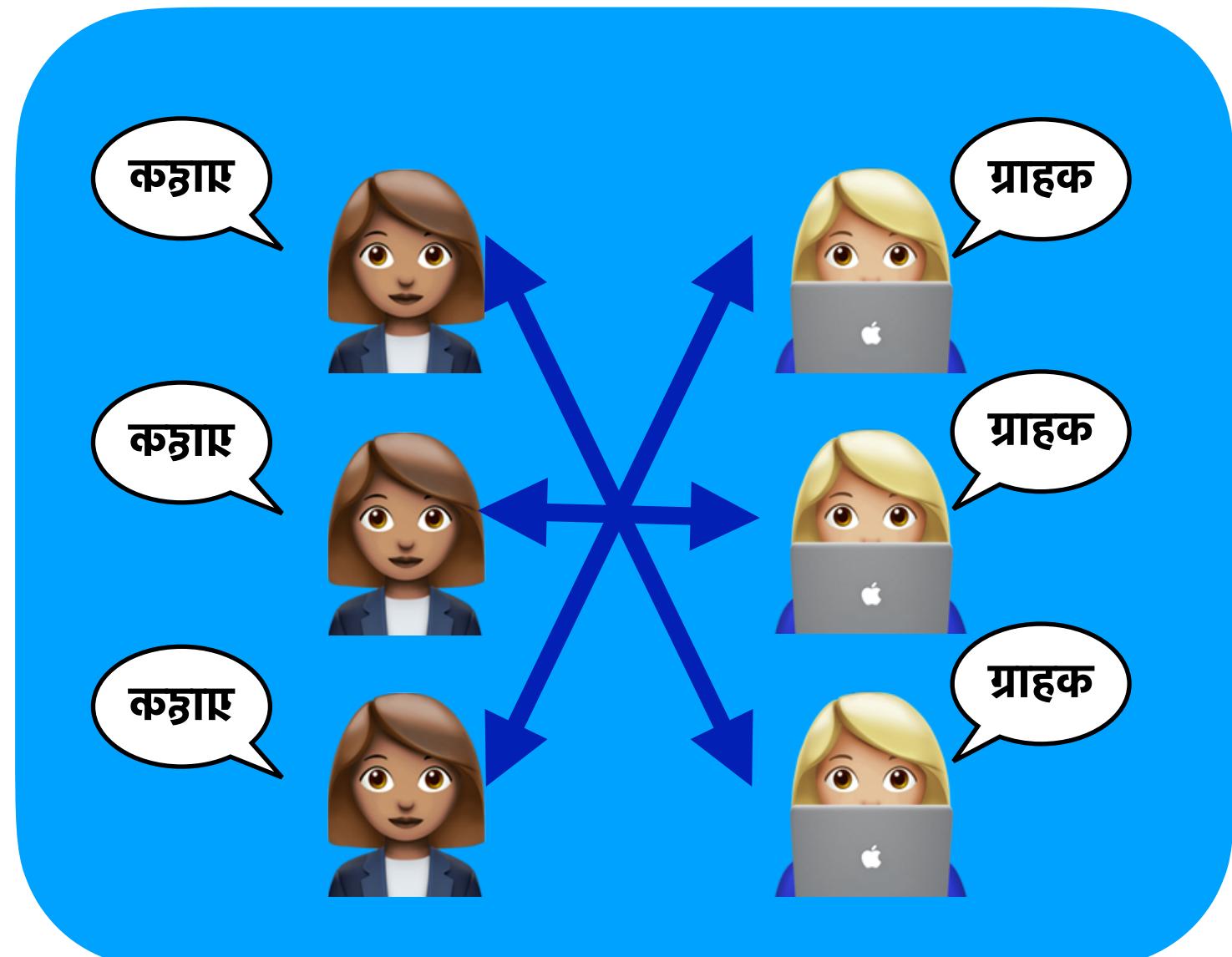
LEGACY  
SYSTEMS  
CAN BLUR  
THE  
LINES



# CONTEXT MAPPING



# CONNECTING THE CONTEXTS

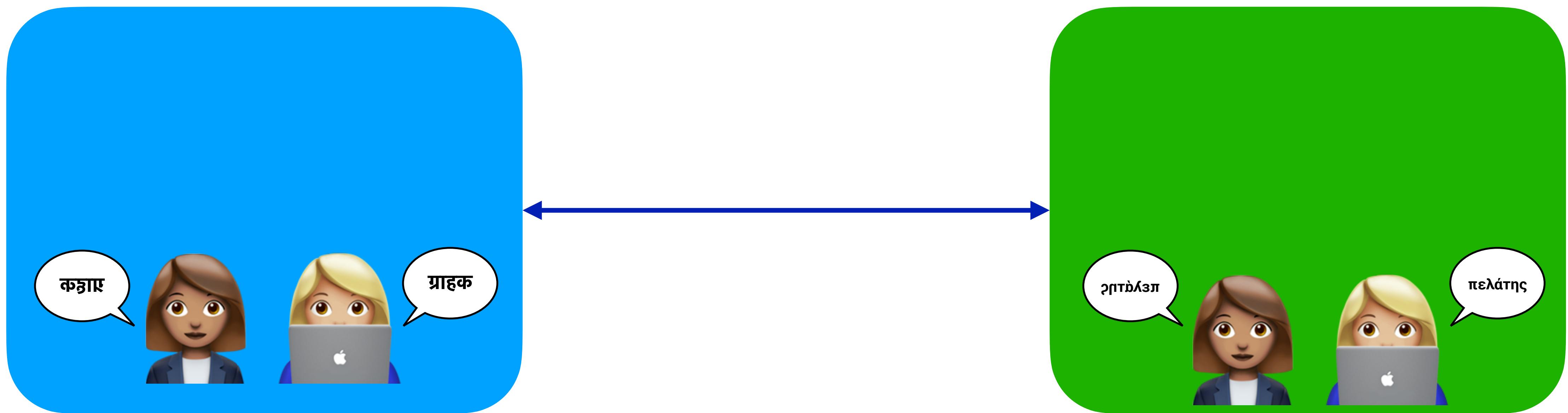


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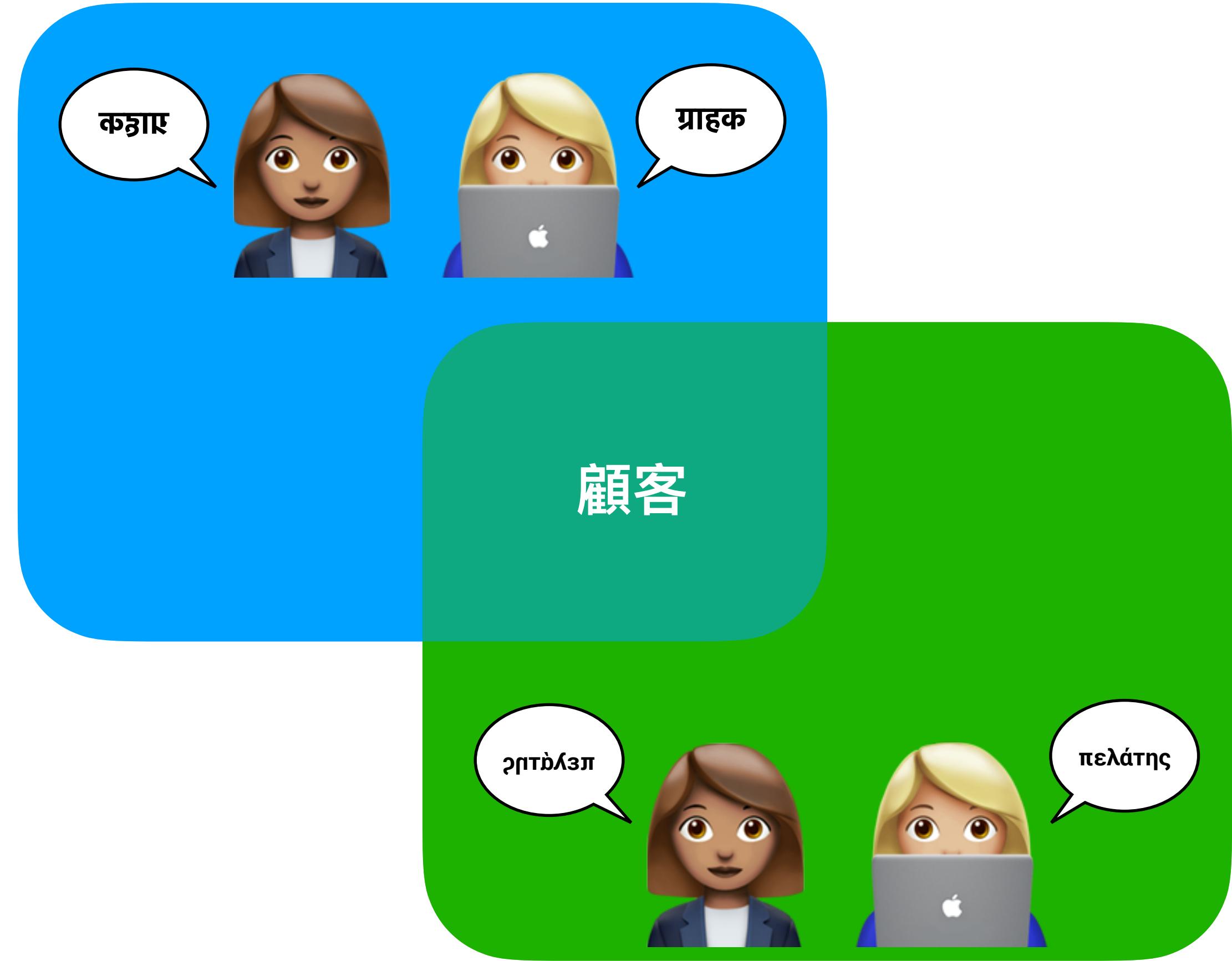
We define **mappings** on the basis of language.

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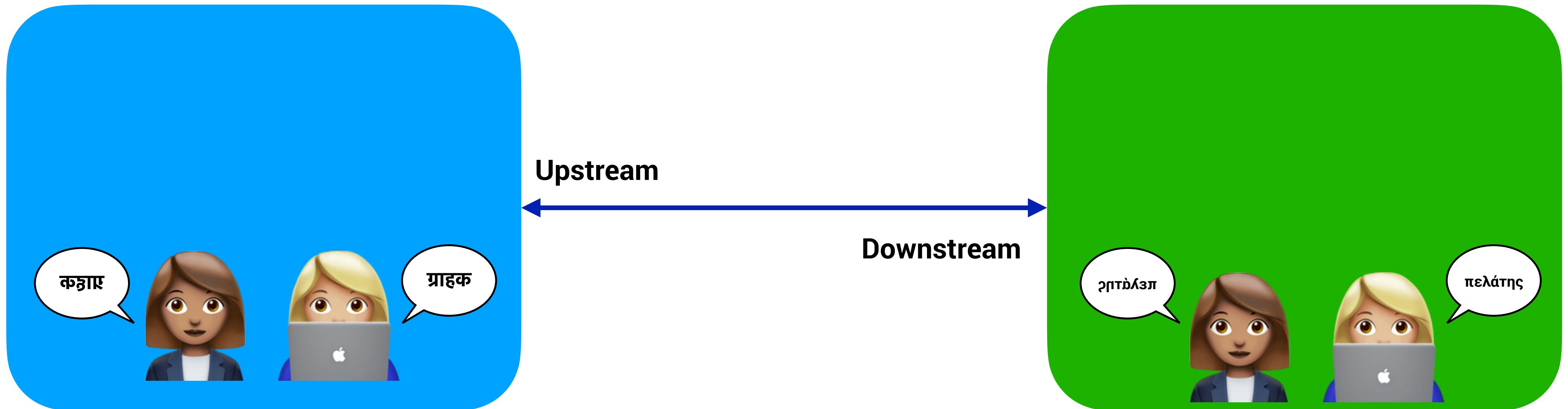
# PARTNERSHIP



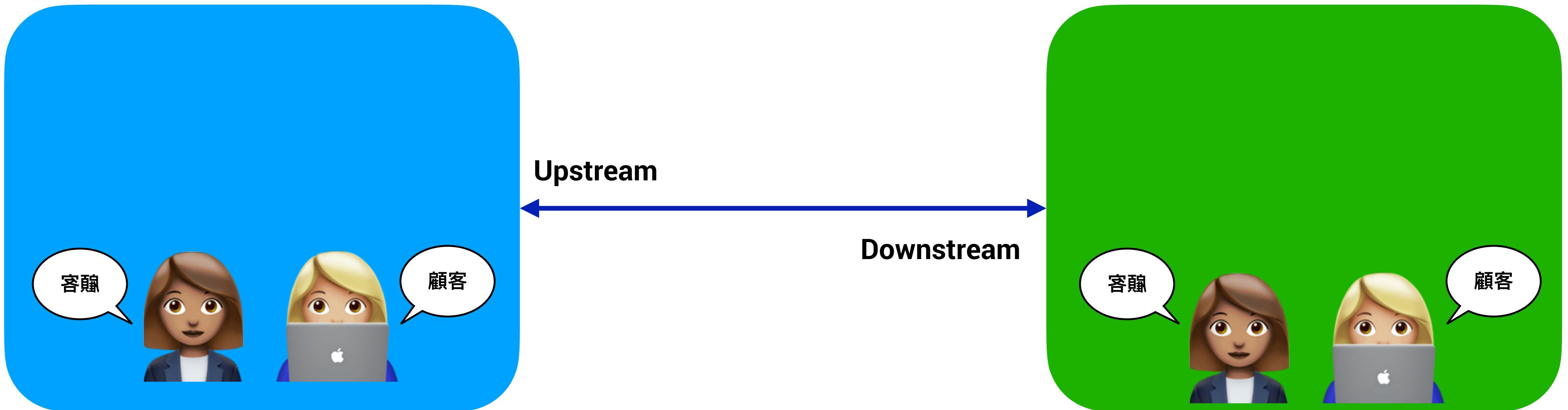
# SHARED KERNEL



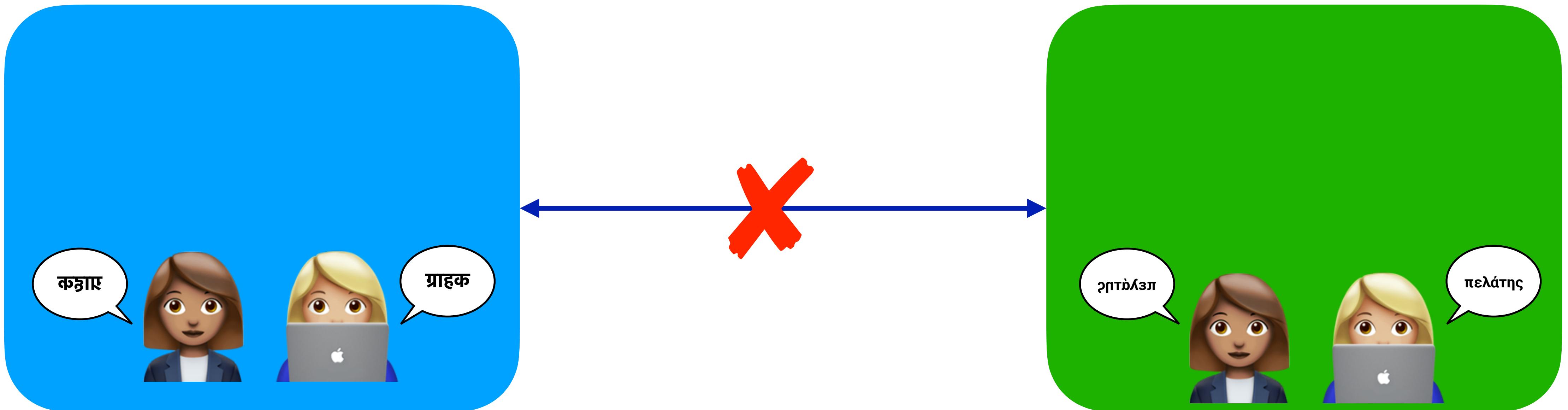
# CUSTOMER-SUPPLIER



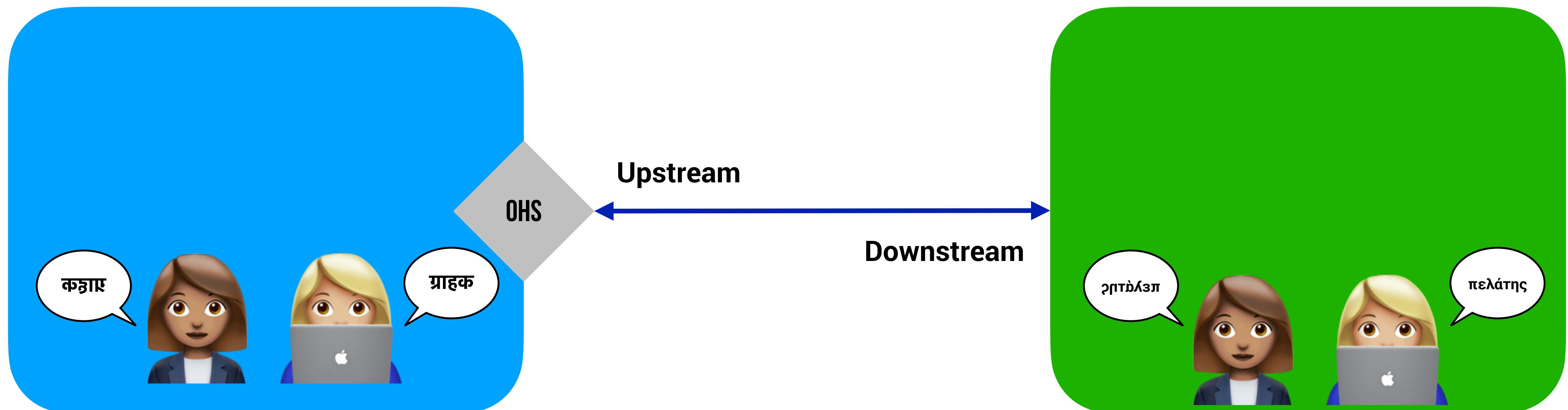
# CONFORMIST



# SEPARATE WAYS

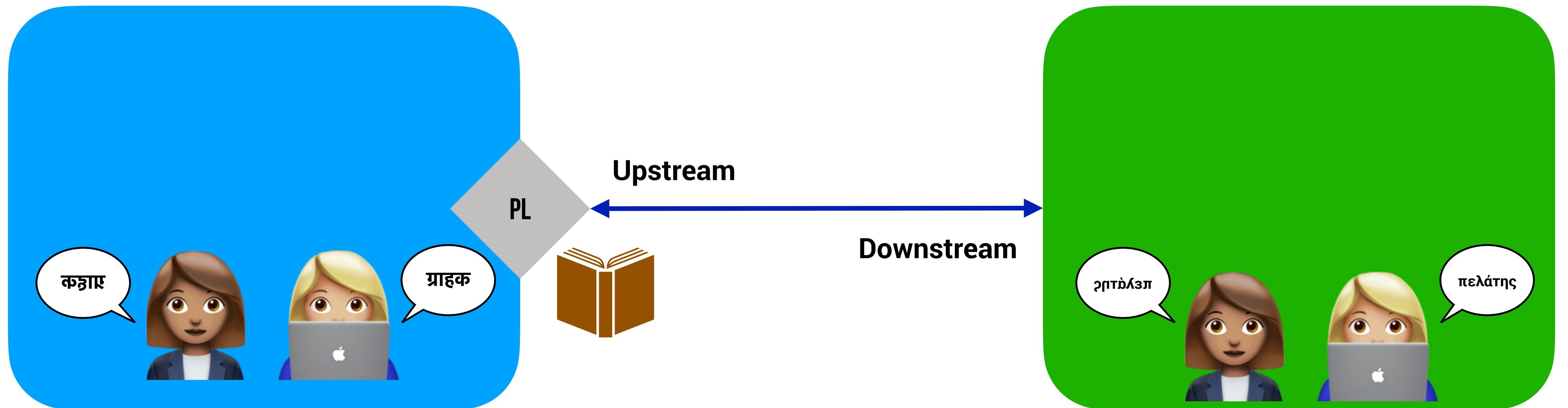


# OPEN HOST SERVICE



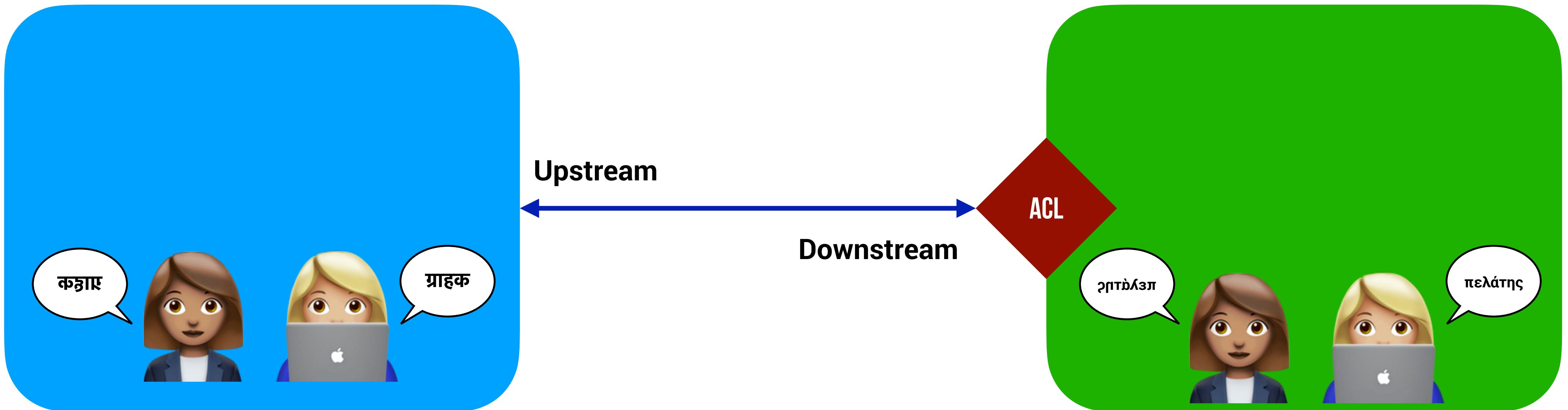
THINK API!

# PUBLISHED LANGUAGE

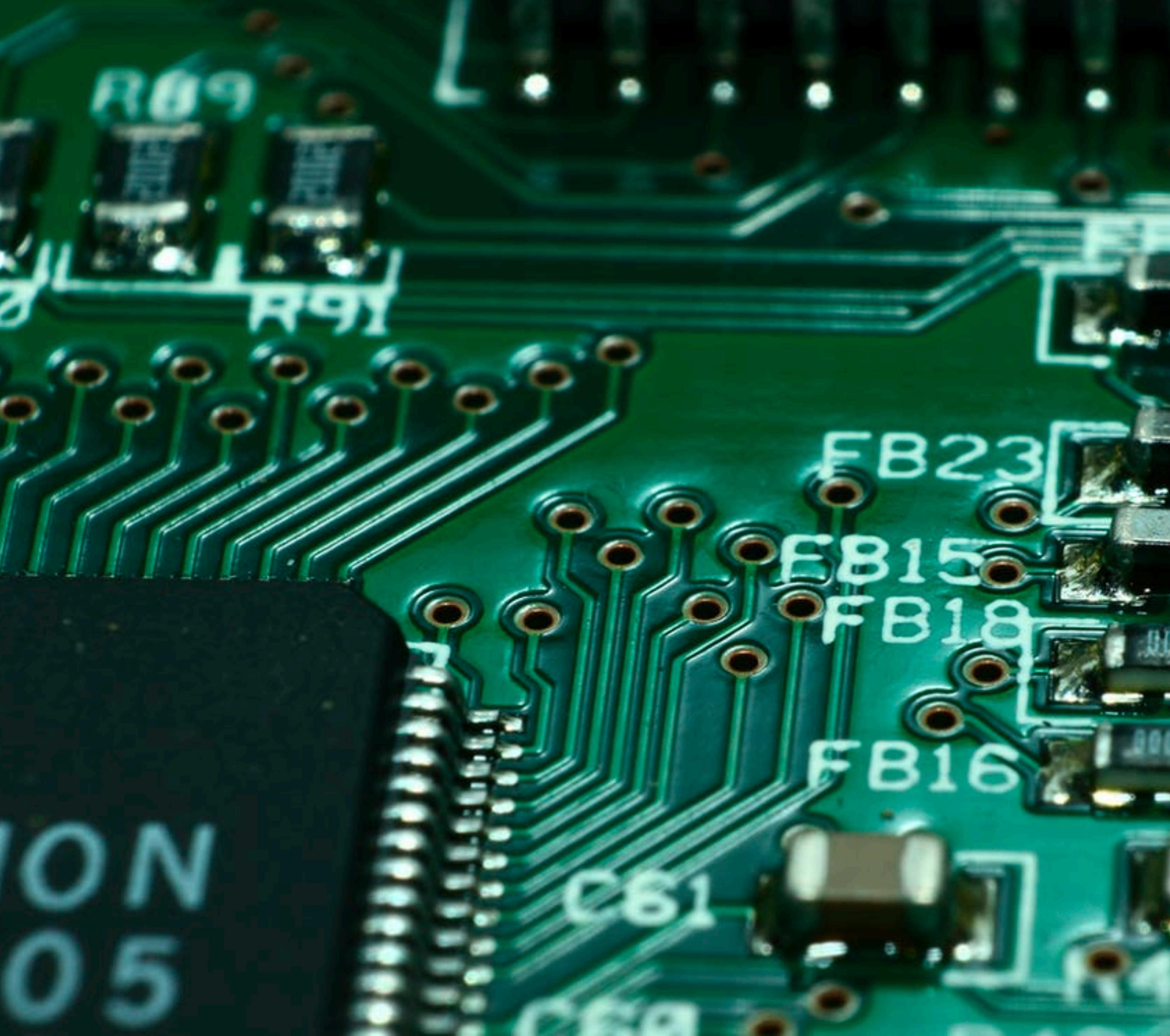


THINK API!

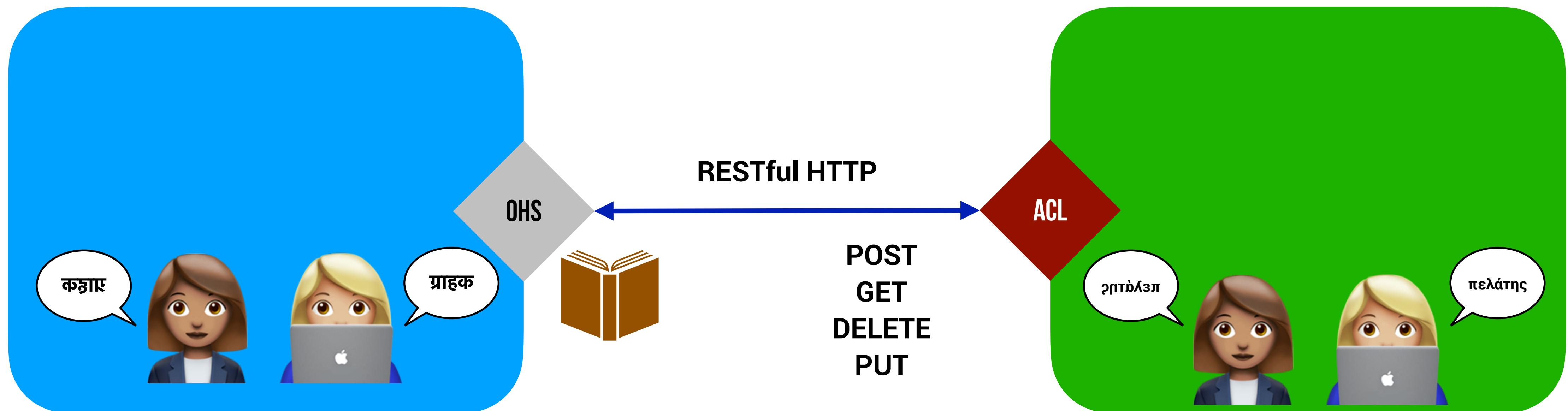
# ANTICORRUPTION LAYER



# CONTEXT MAPPING VS. TECHNICAL ARCHITECTURE



# RESTFUL HTTP



# MESSAGING

