

AGENDA

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

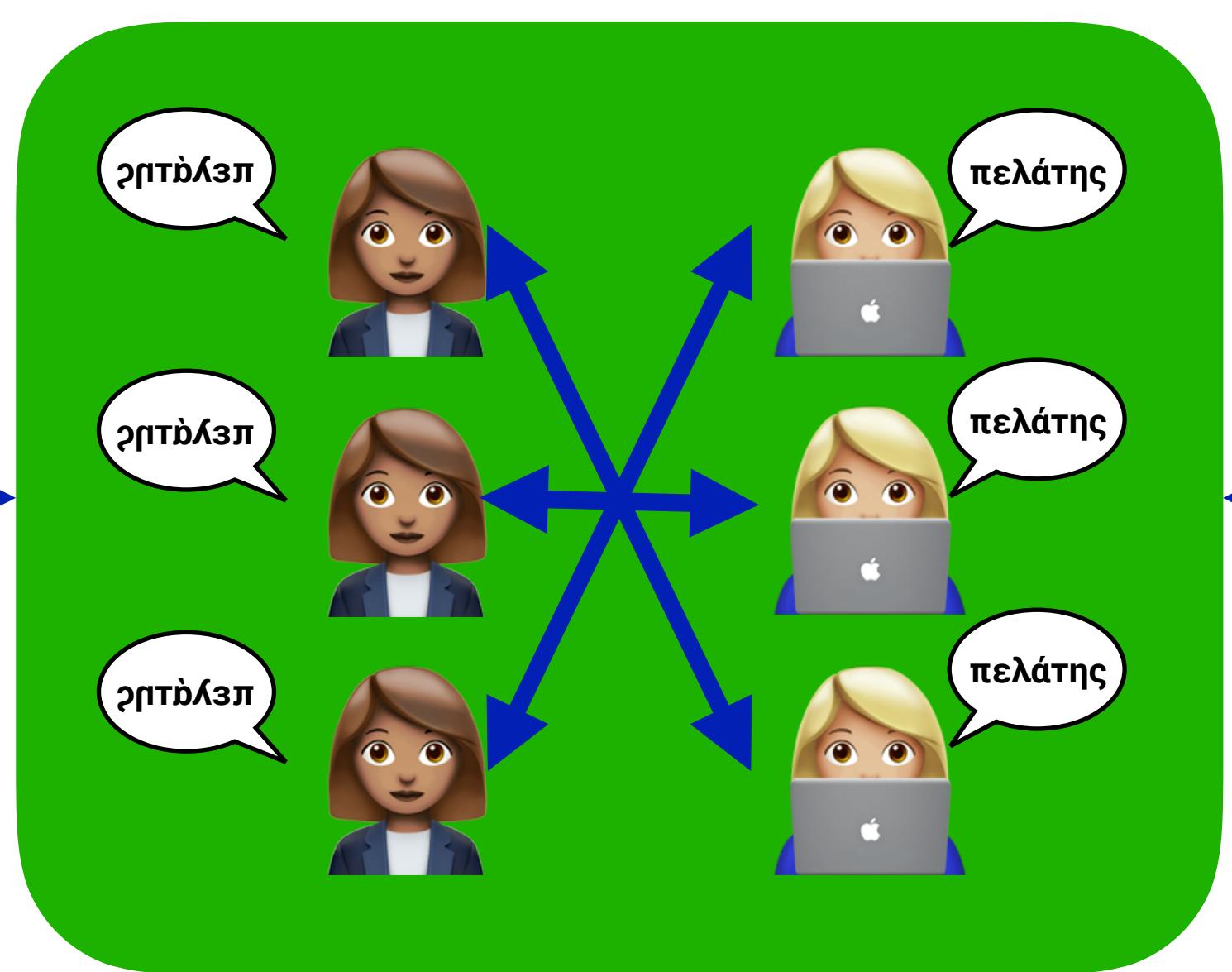
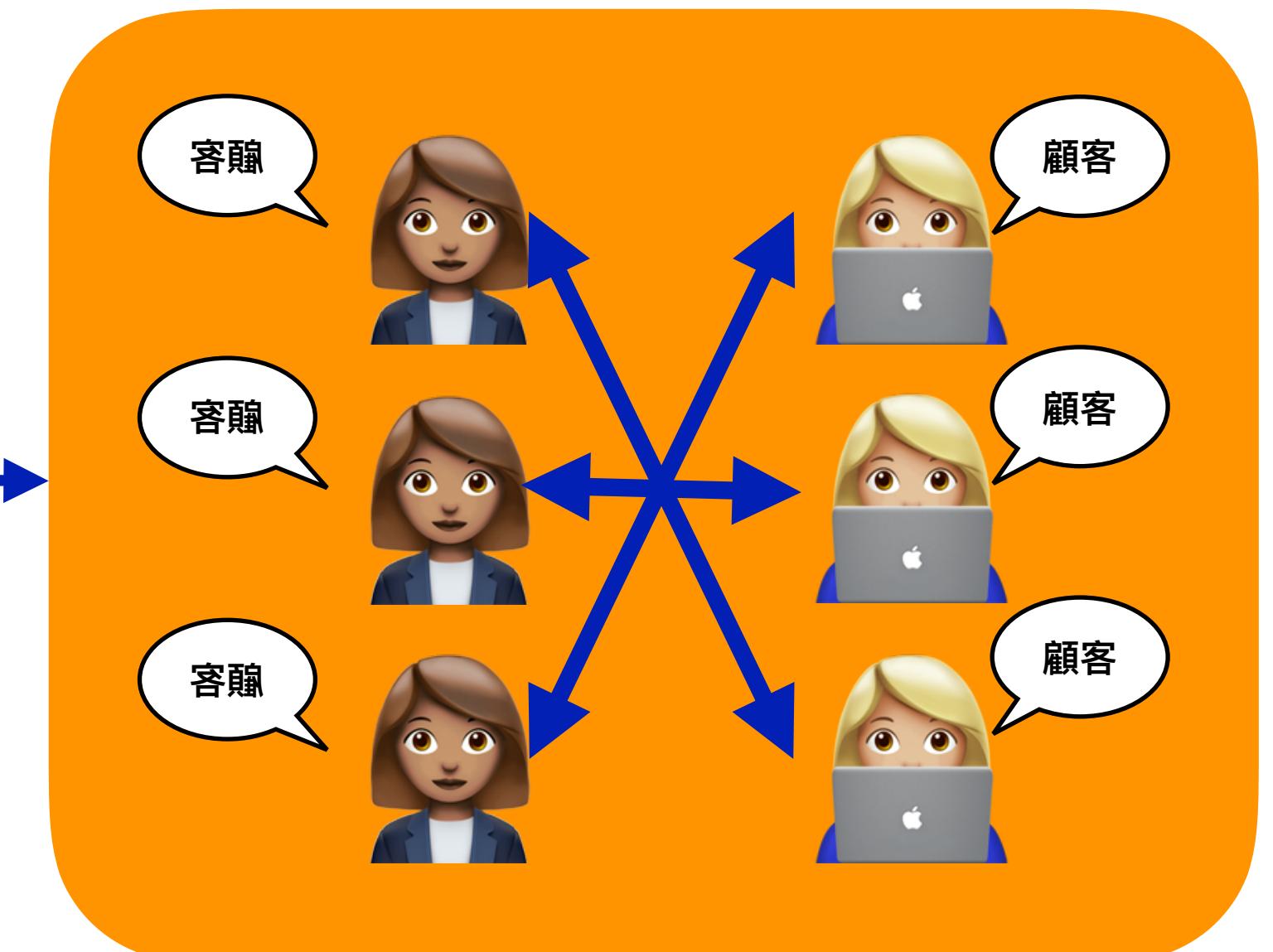
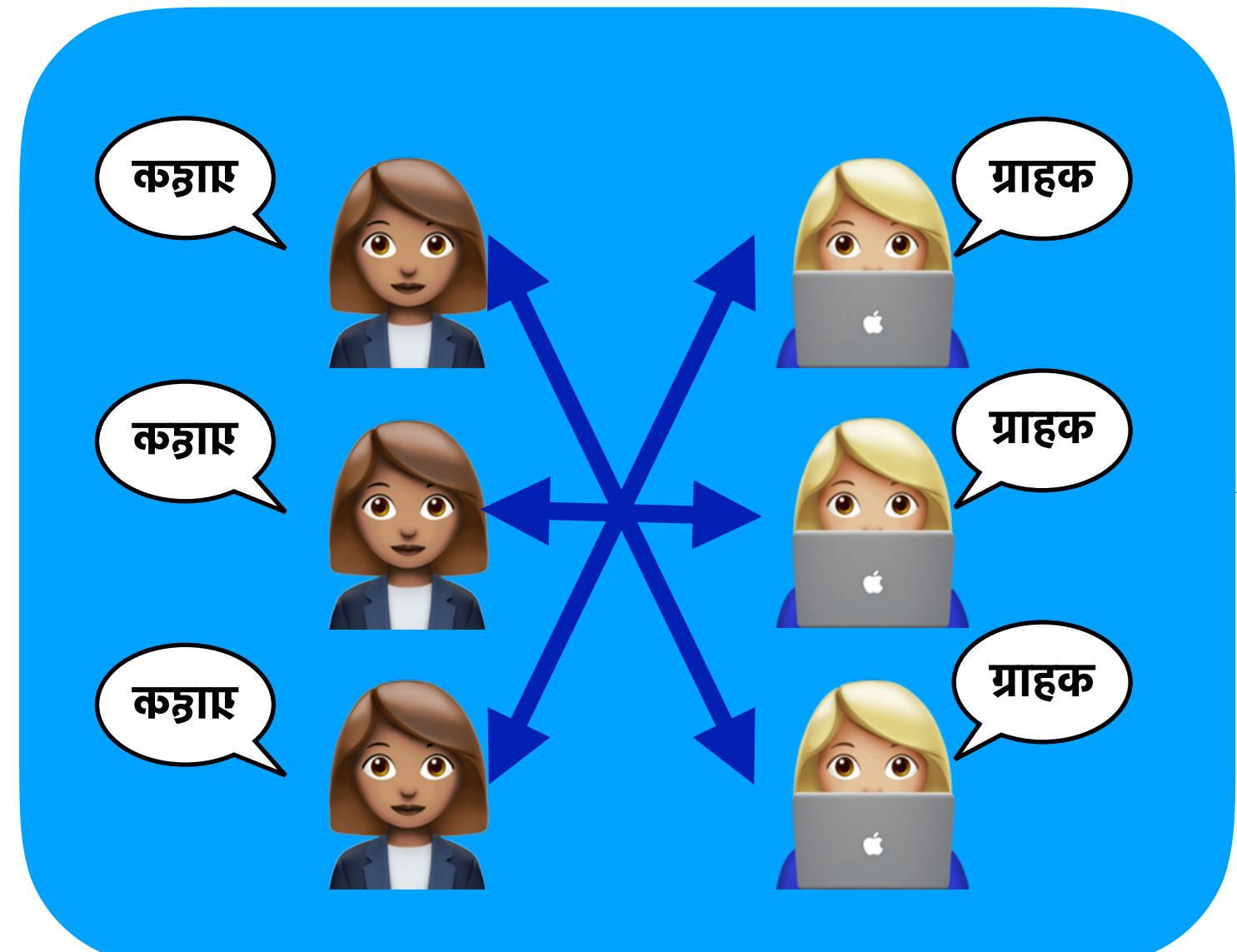


STRATEGIC DESIGN - THE VIEW FROM 35,000 FEET

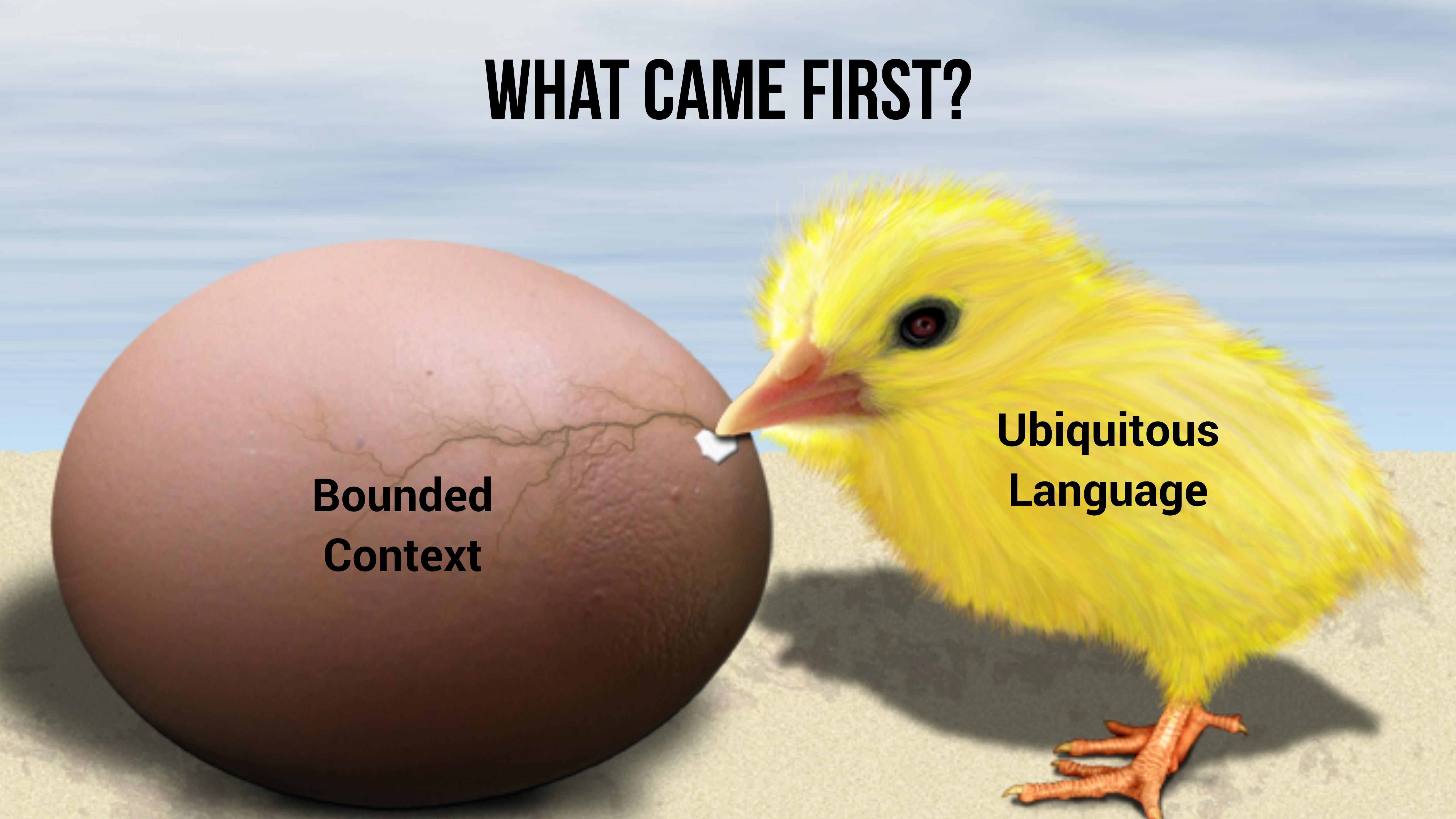


FINDING THE SEAMS

INTEGRATING THE PIECES



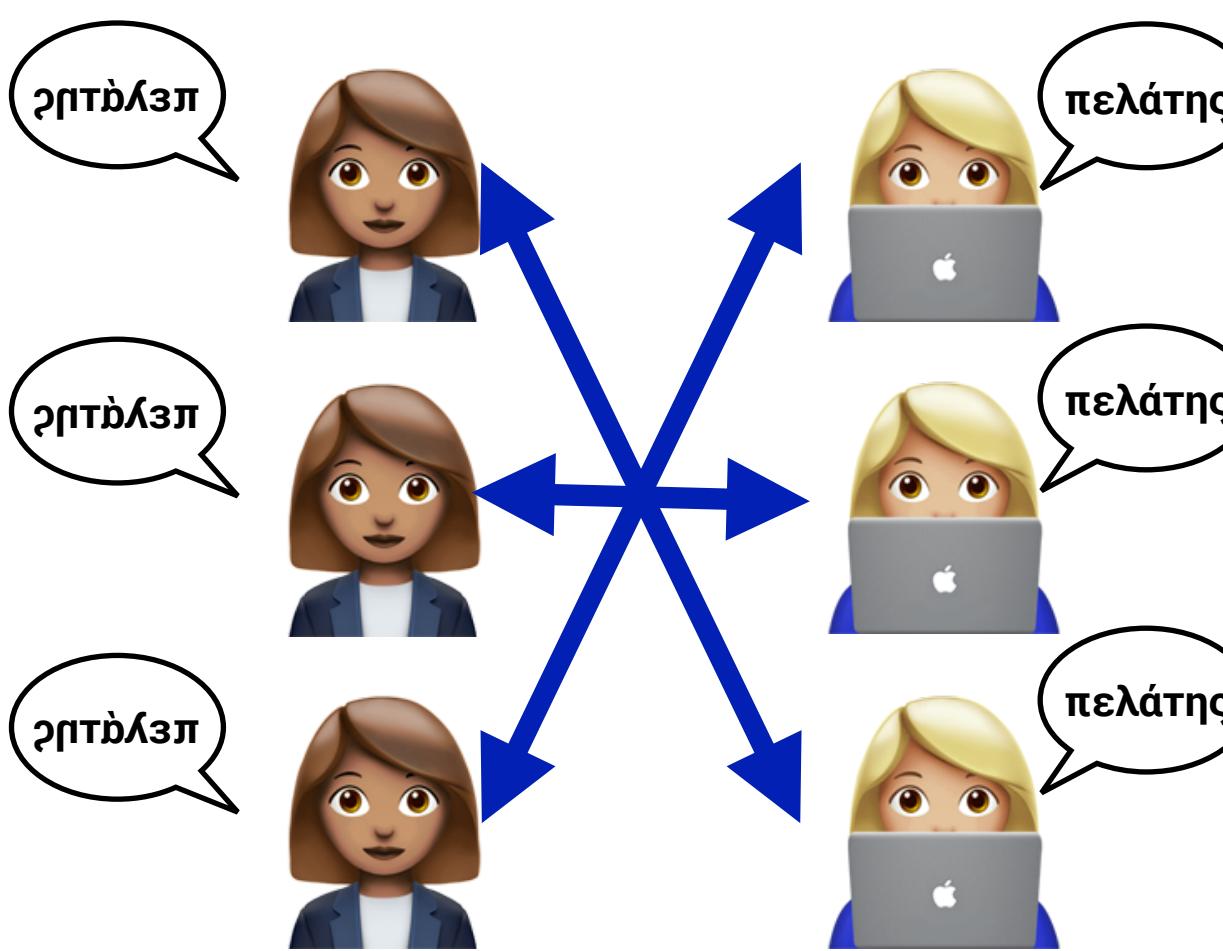
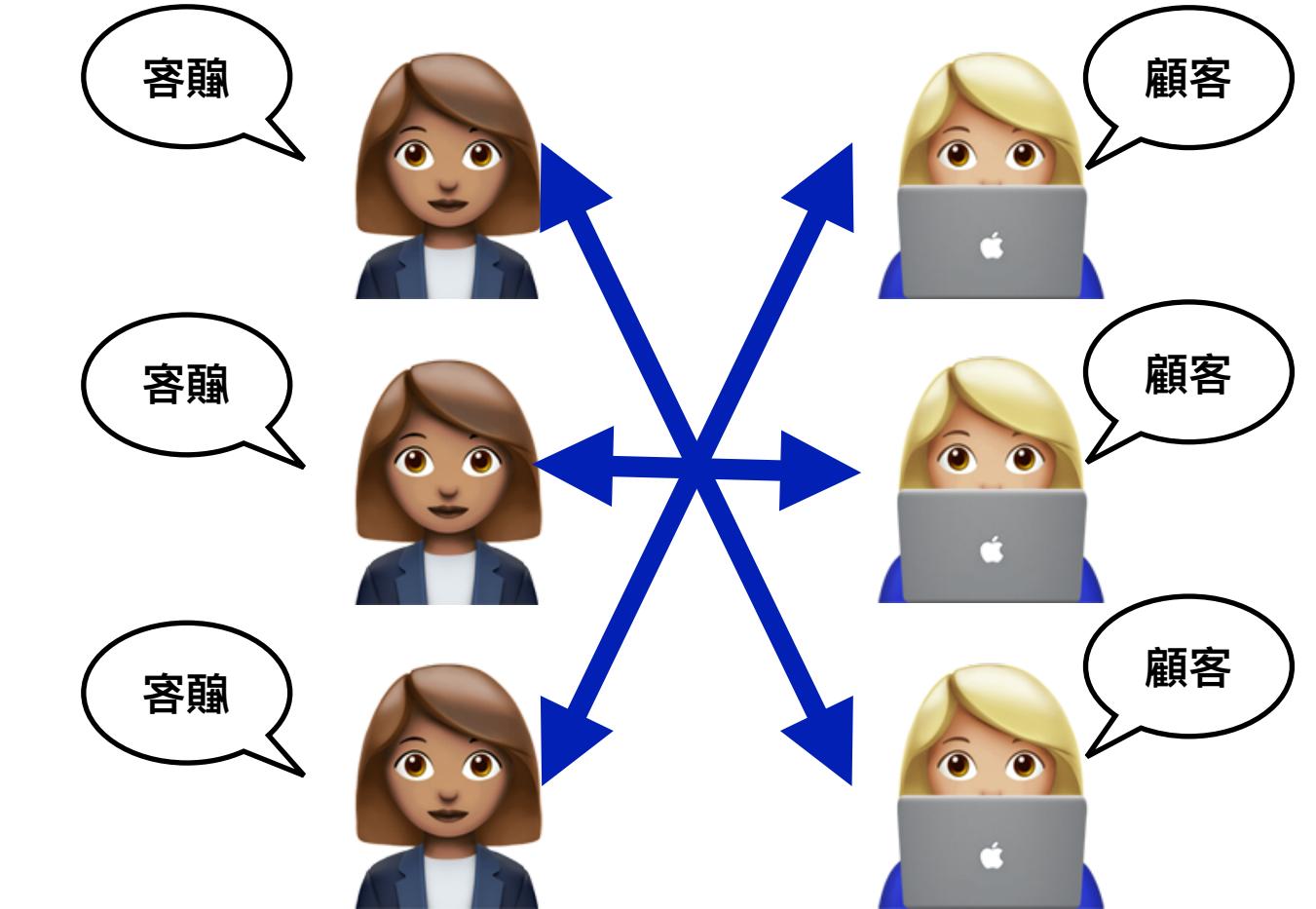
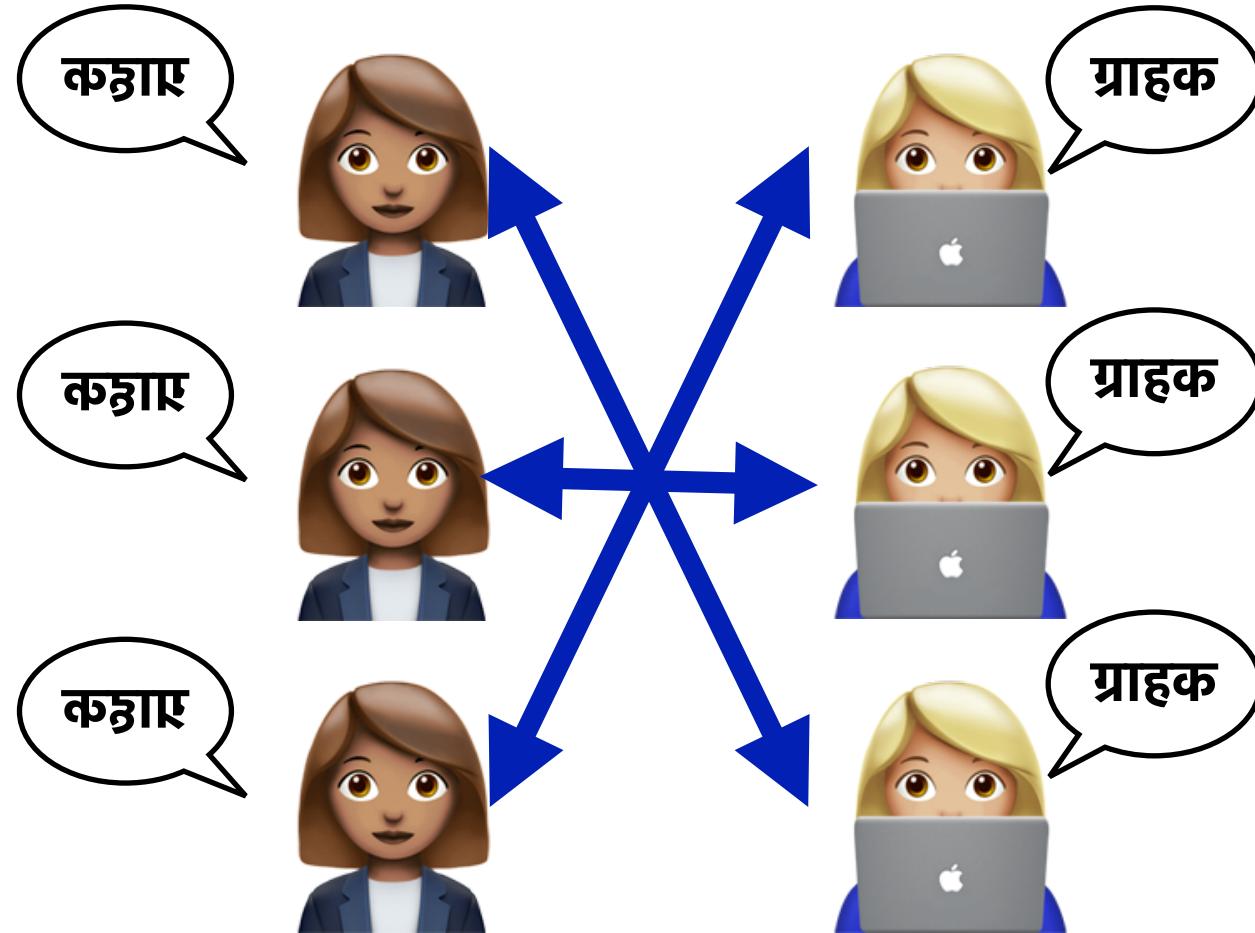
WHAT CAME FIRST?



**Bounded
Context**

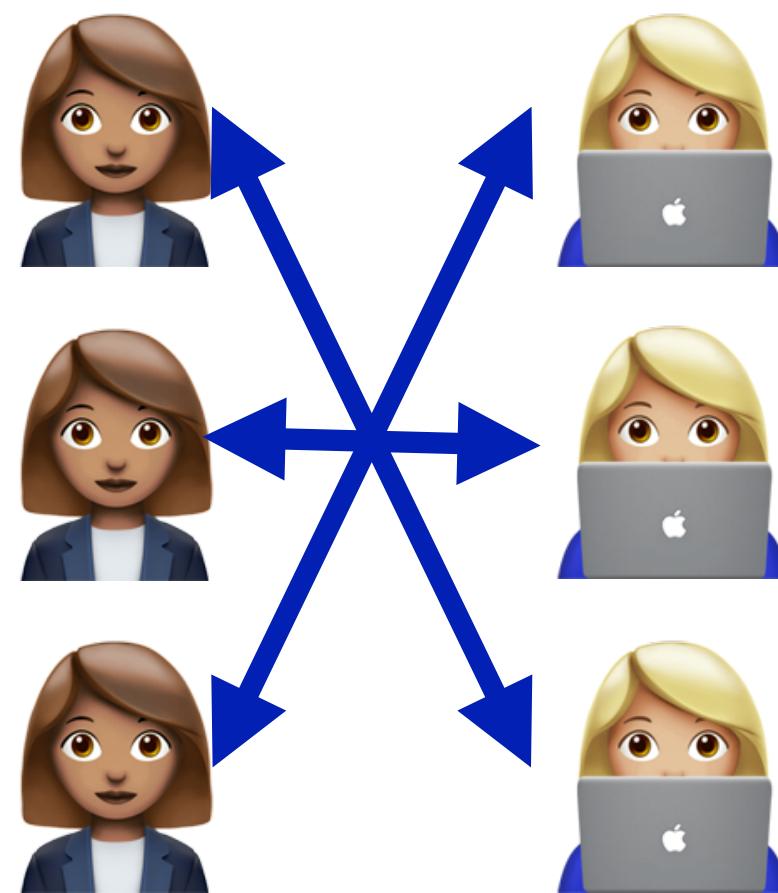
**Ubiquitous
Language**

GLOBAL UBIQUITOUS LANGUAGE?

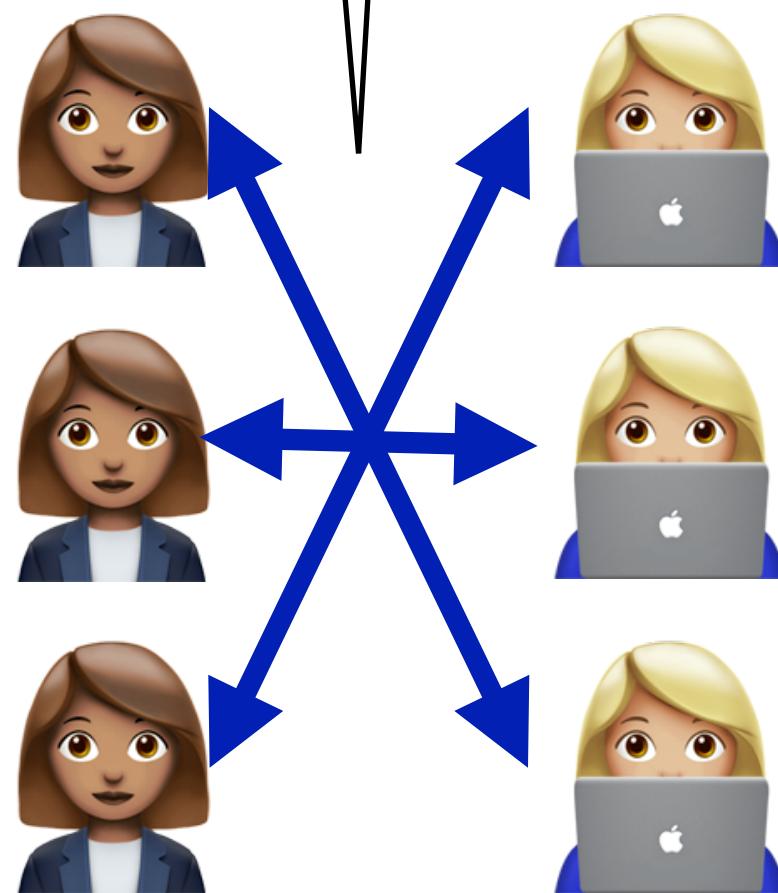


ESSENTIAL DIFFERENCES

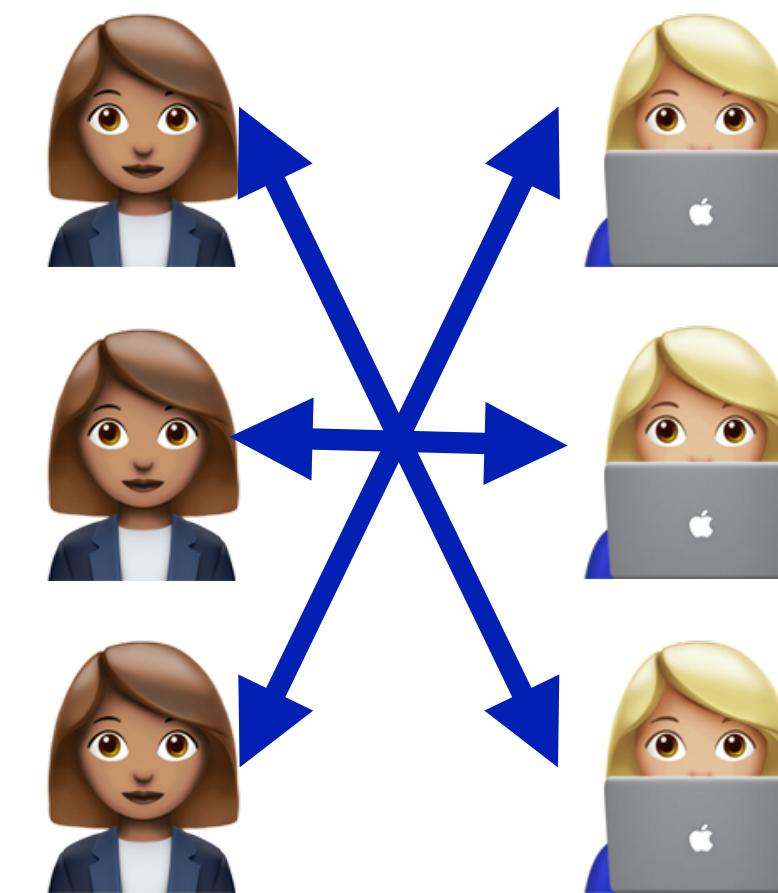
An Order is something for which we process Payments!



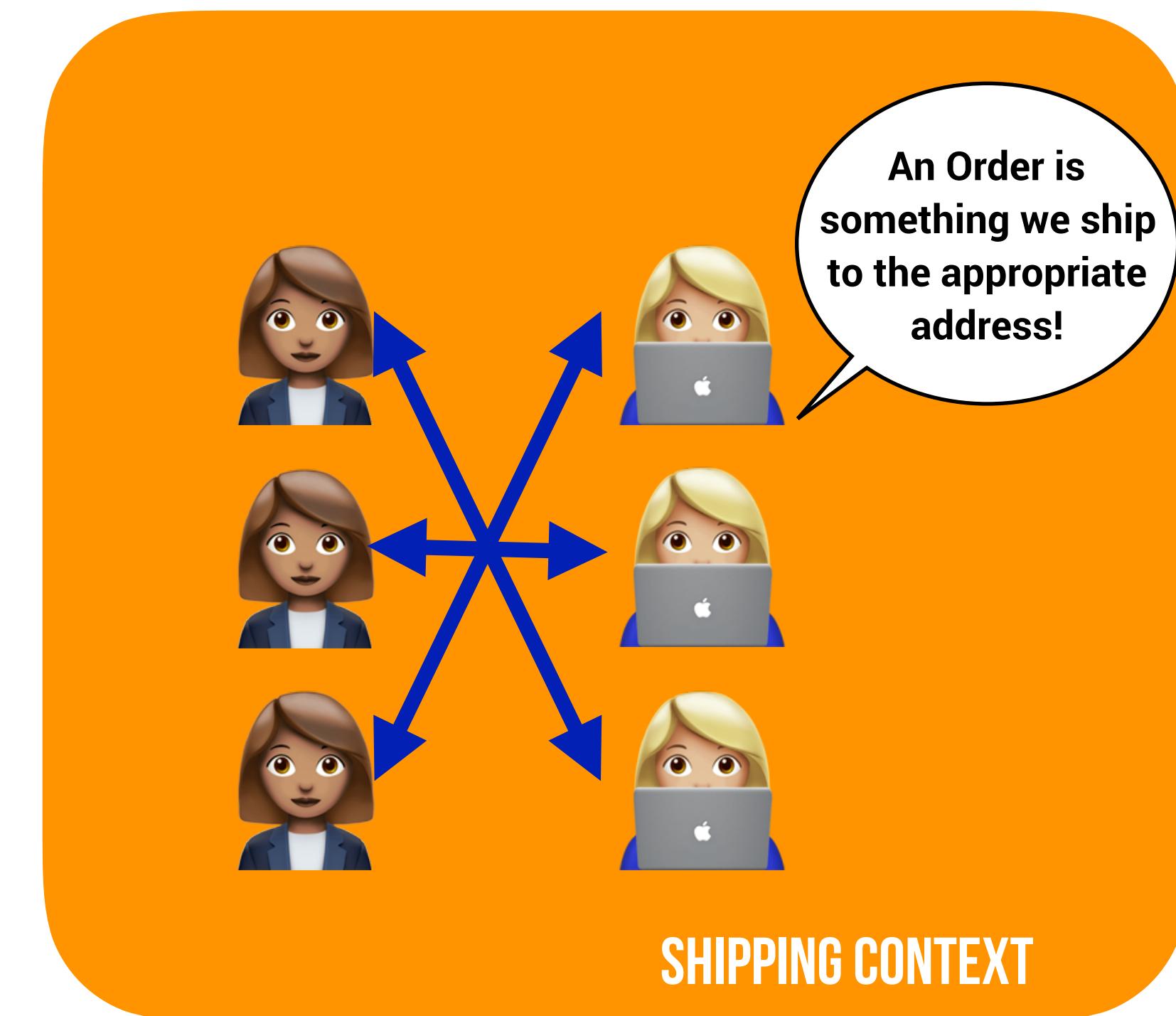
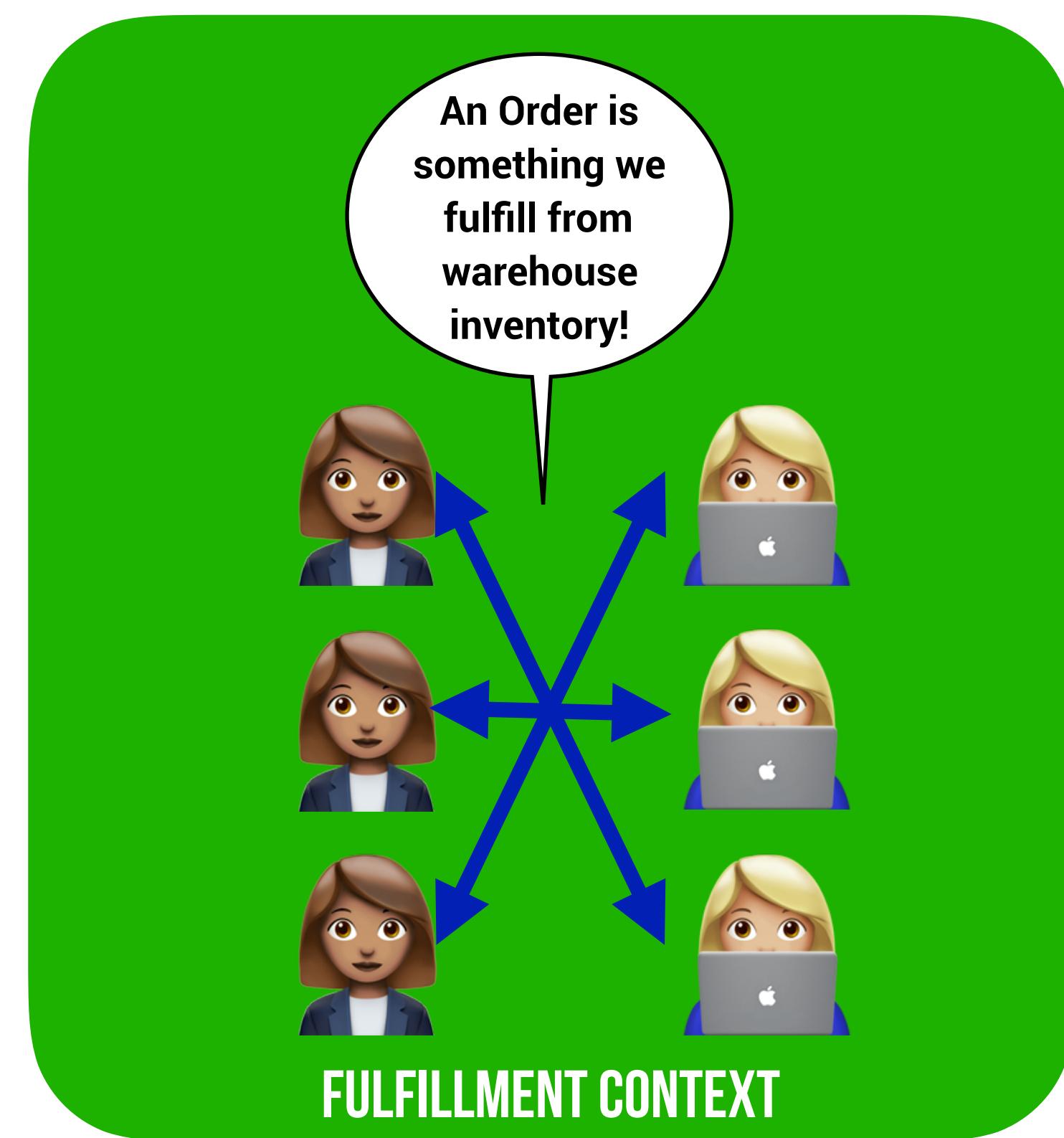
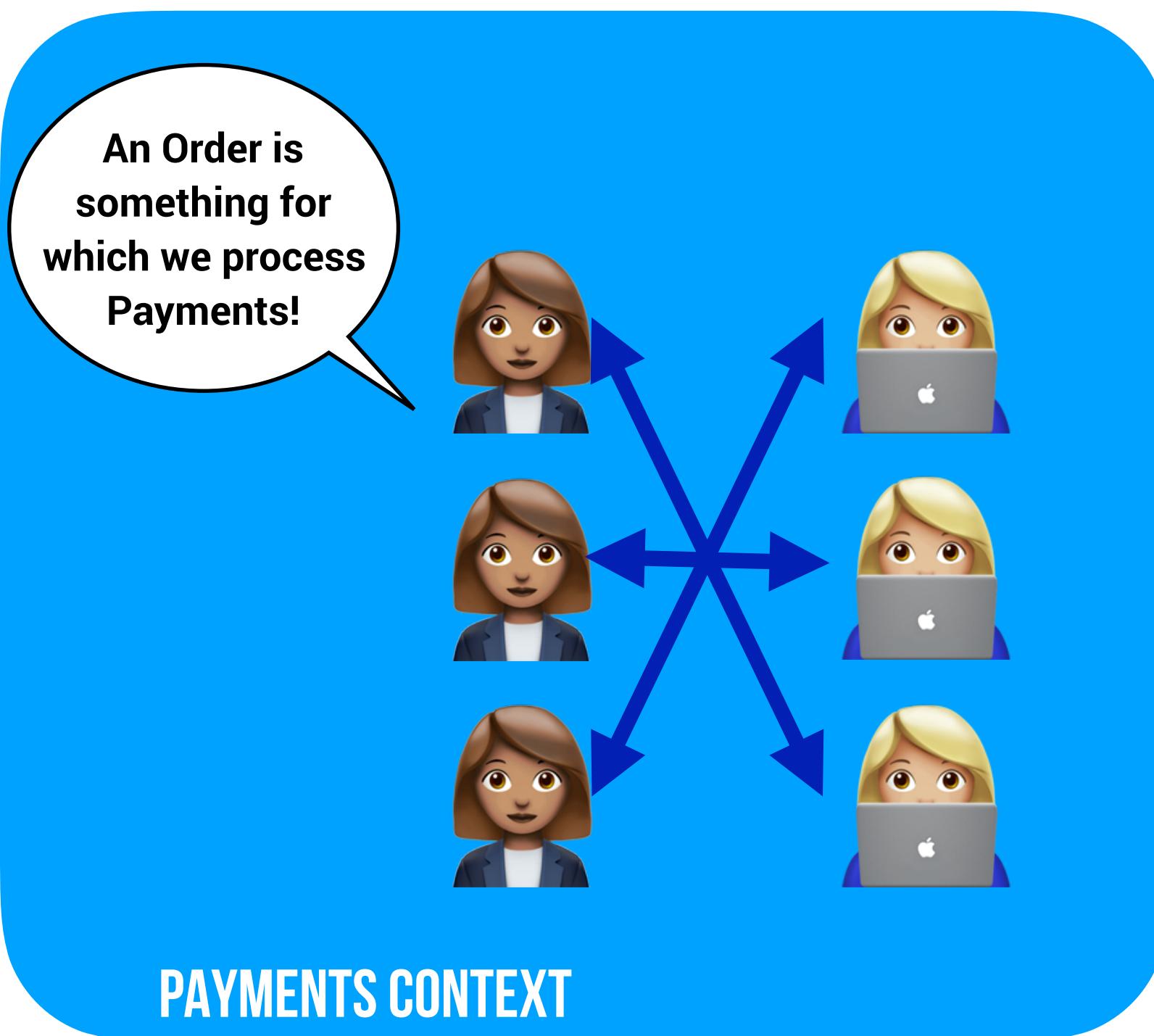
An Order is something we fulfill from warehouse inventory!



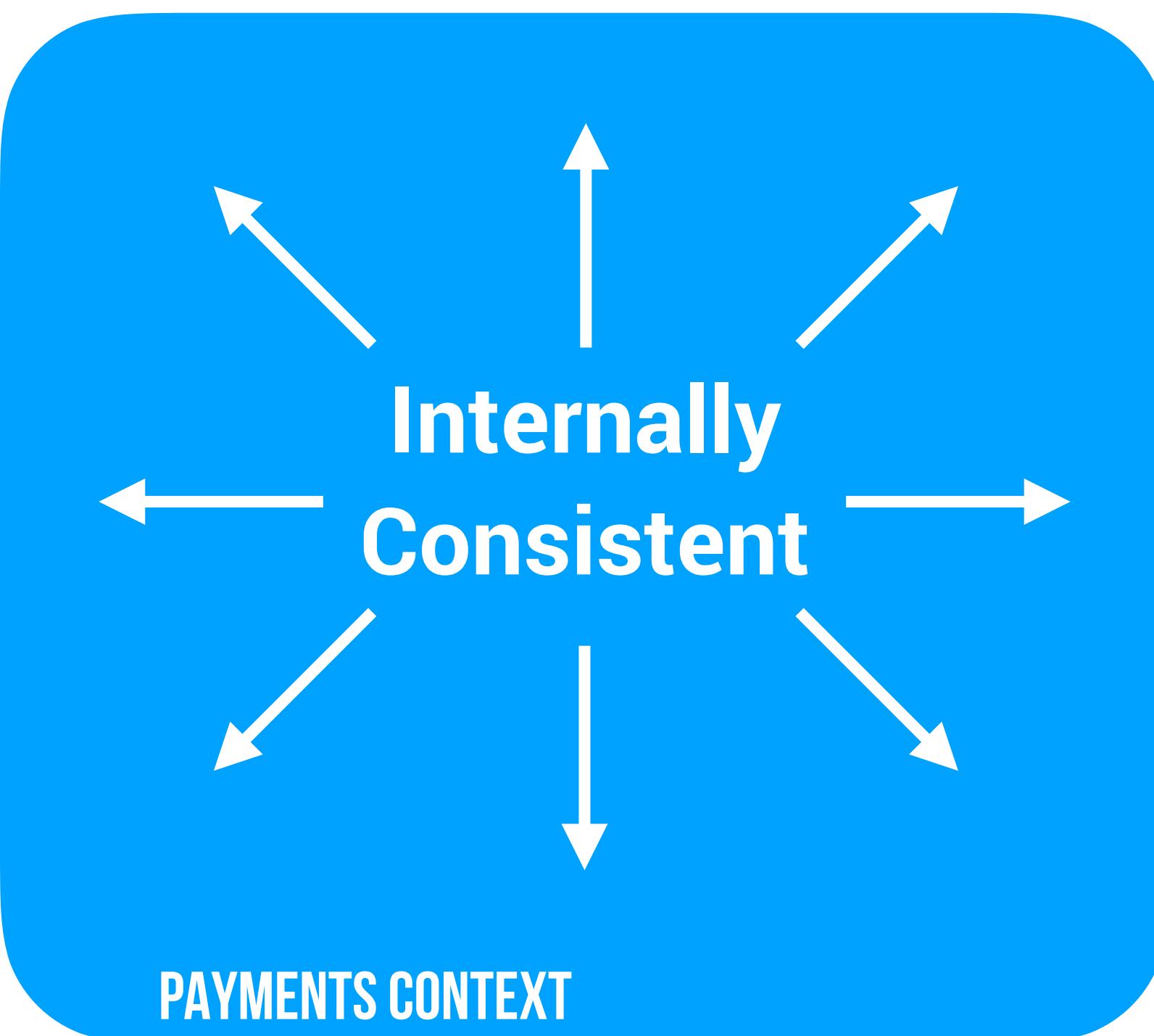
An Order is something we ship to the appropriate address!



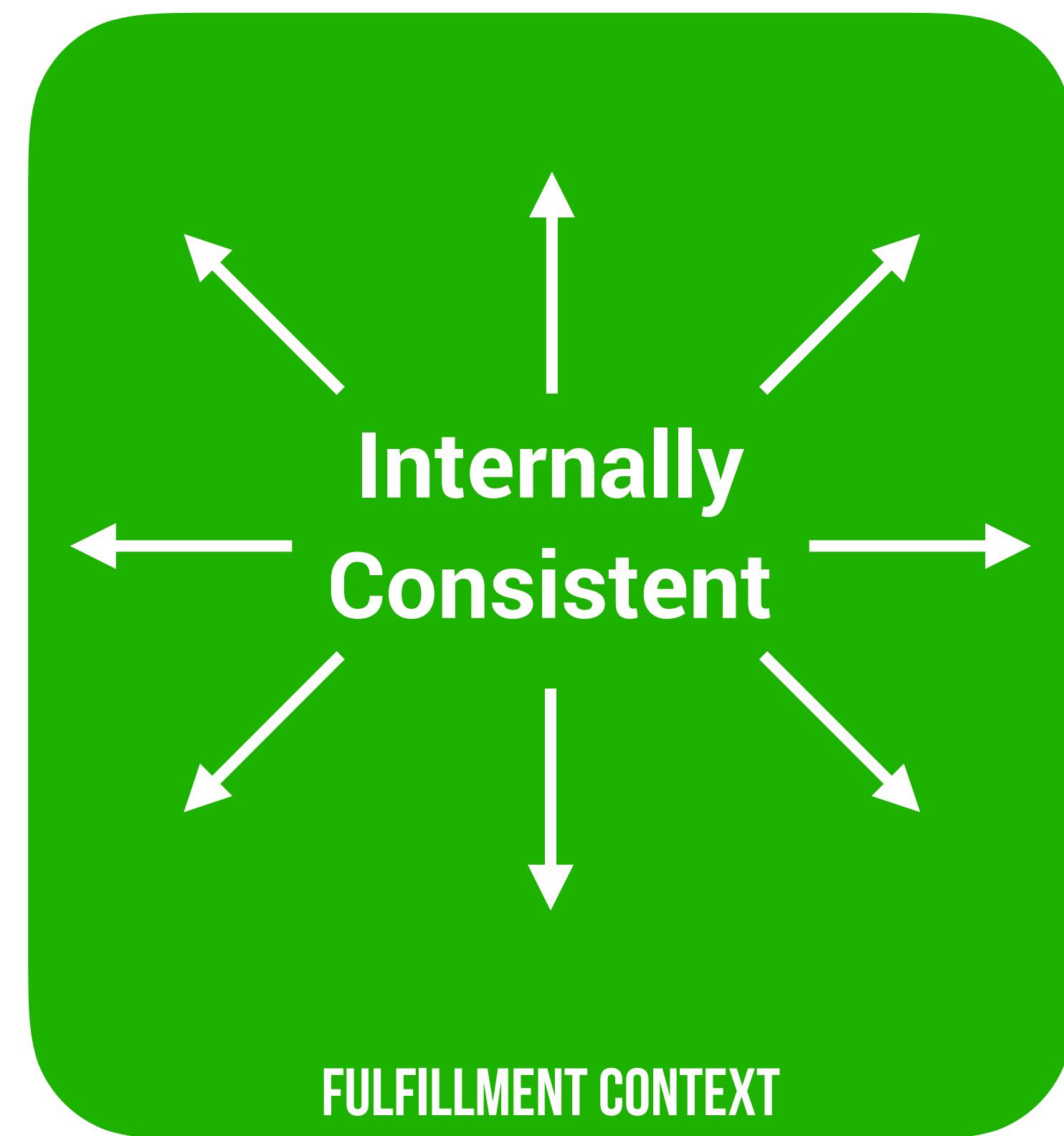
BOUND AND EMBRACE THE DIFFERENCES



THE LANGUAGE IS SCOPED



Undefined



FULFILLMENT CONTEXT



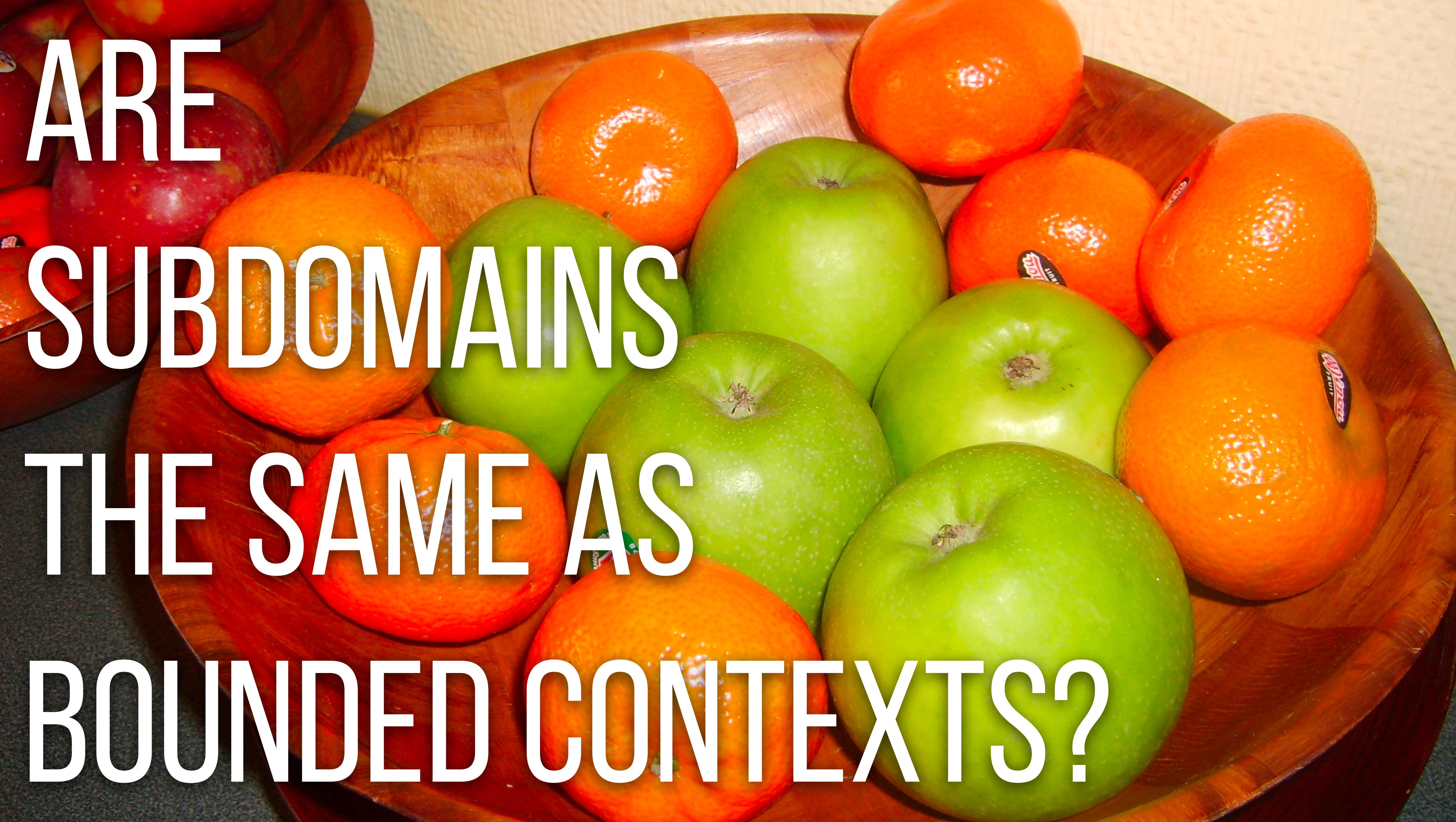
Undefined

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

SUBDOMAINS

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

Focus your DDD effort only on Core Subdomains.



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 along the left edge. Beyond the field, several rolling hills stretch across the middle ground. The hills are covered in green grass, with some yellowish-green fields visible on the ridges. The background is a bright blue sky filled with scattered white and light grey clouds.

IDEAL:

1 BOUNDED CONTEXT : 1 SUBDOMAIN

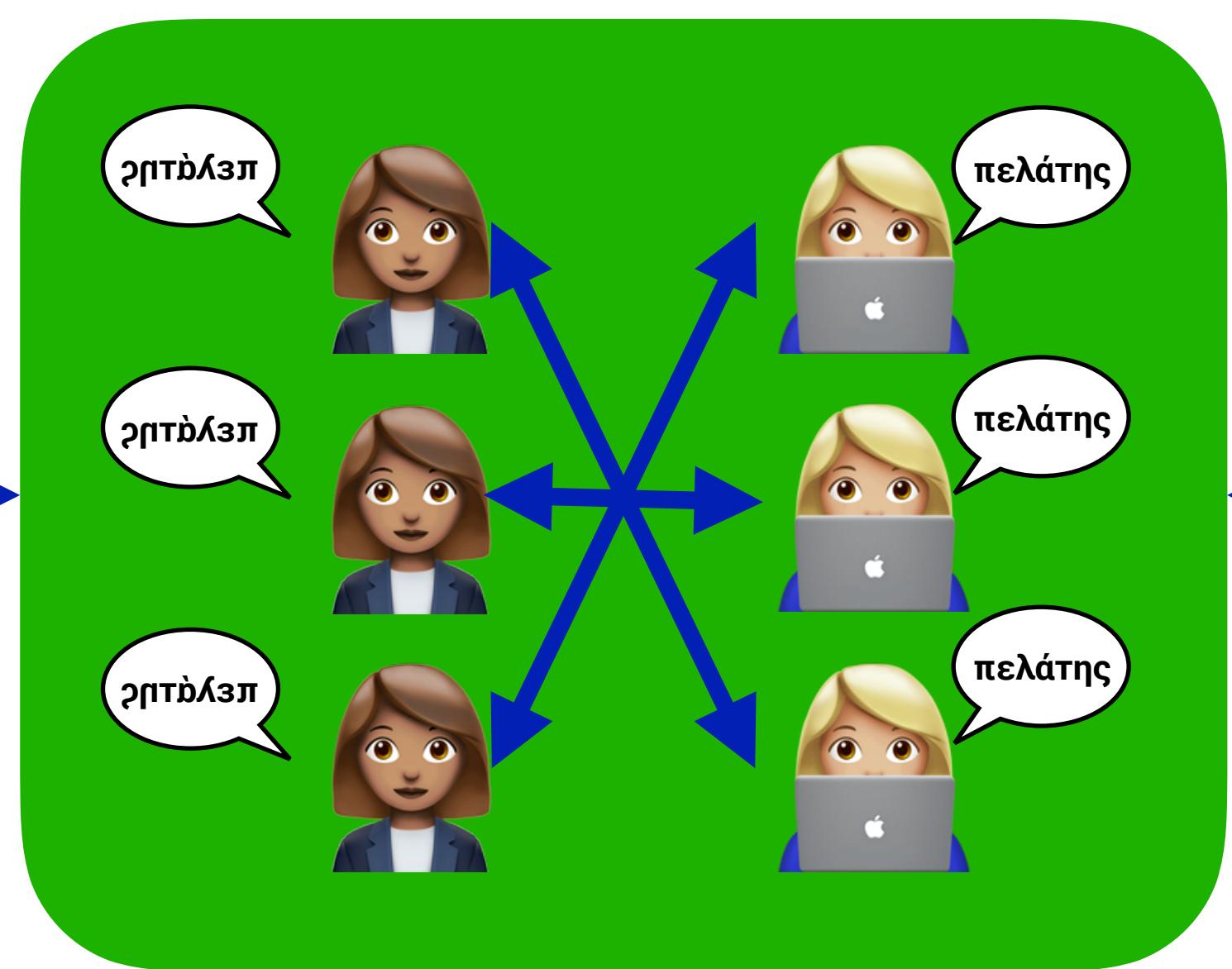
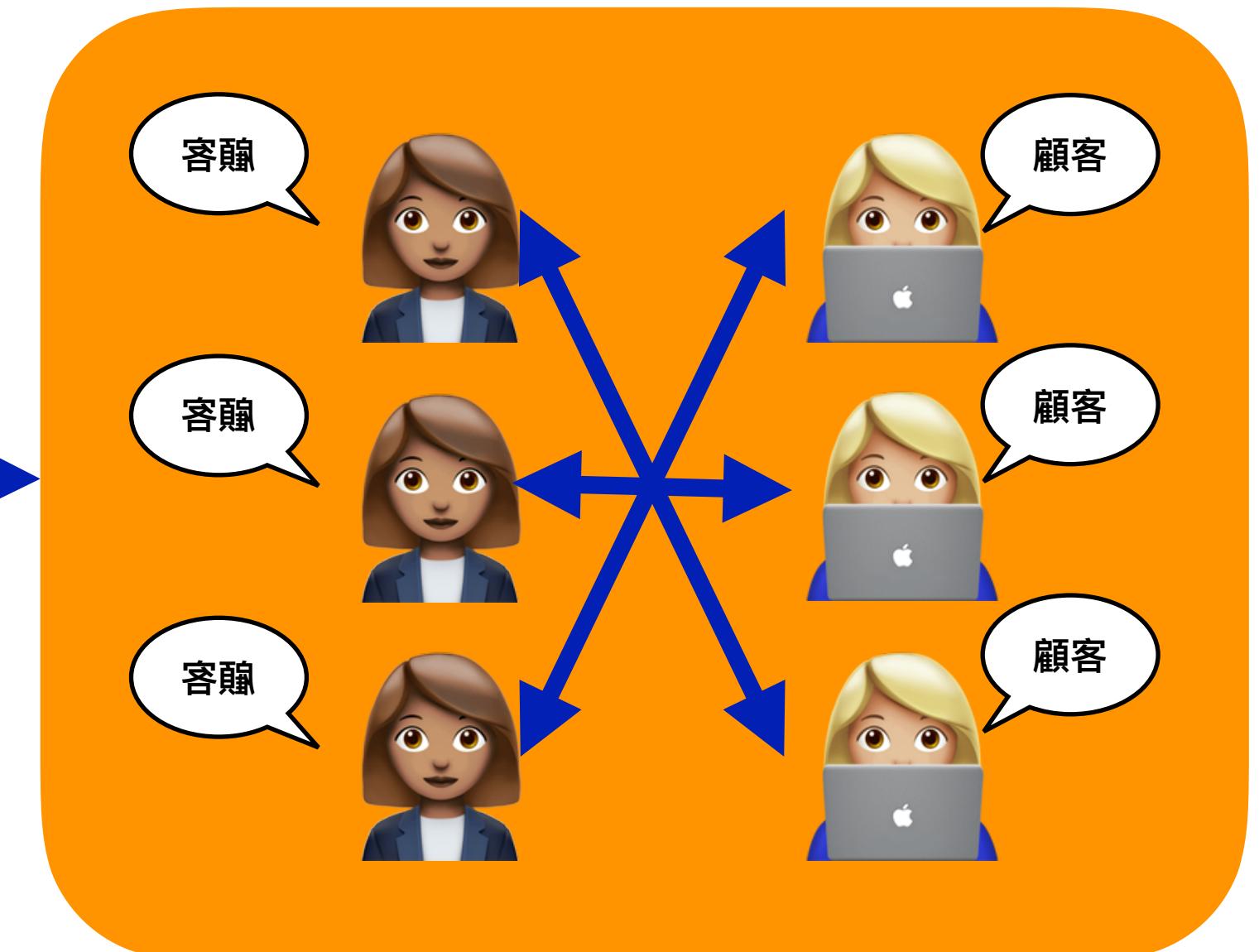
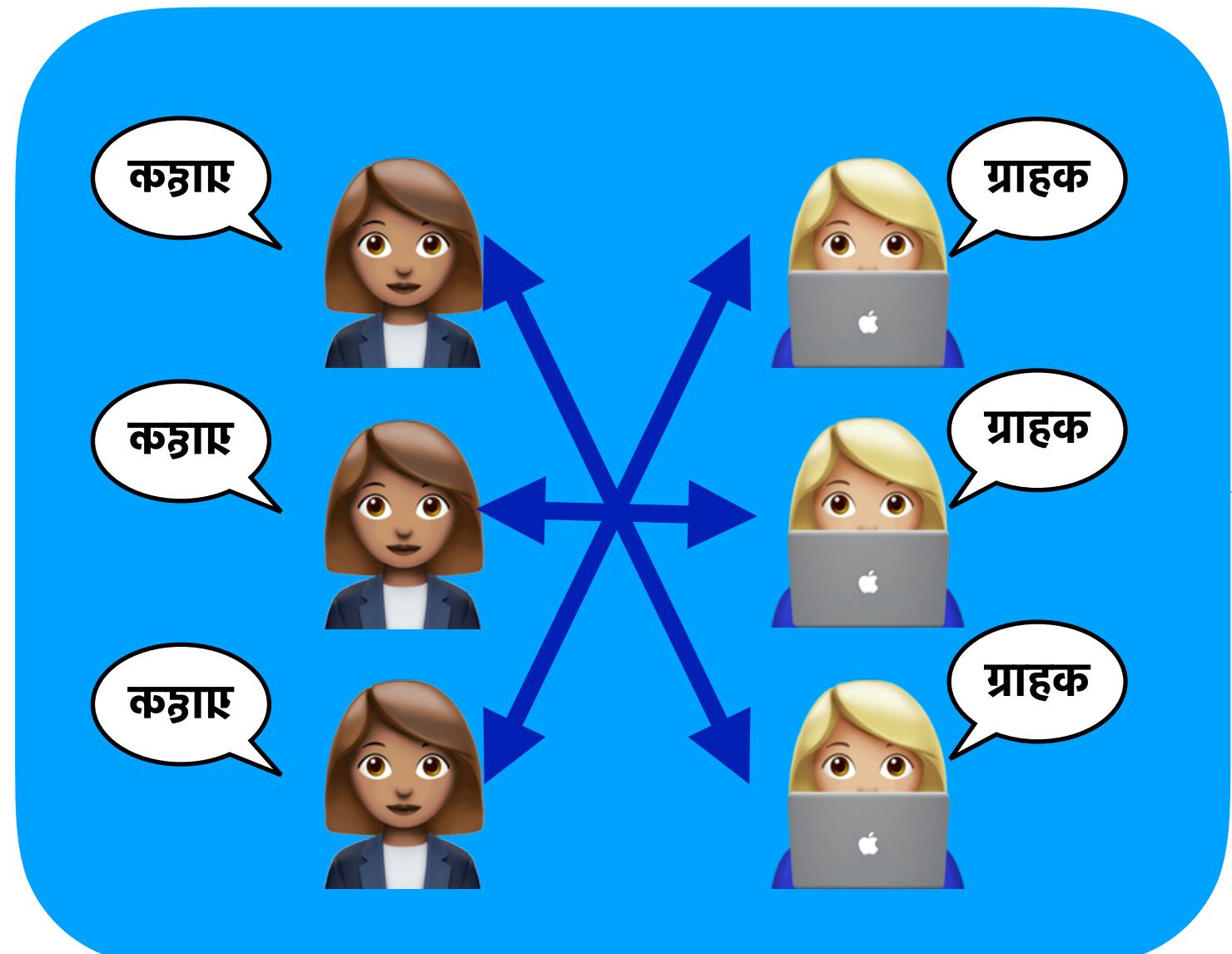
LEGACY
SYSTEMS
CAN BLUR
THE
LINES



CONTEXT MAPPING

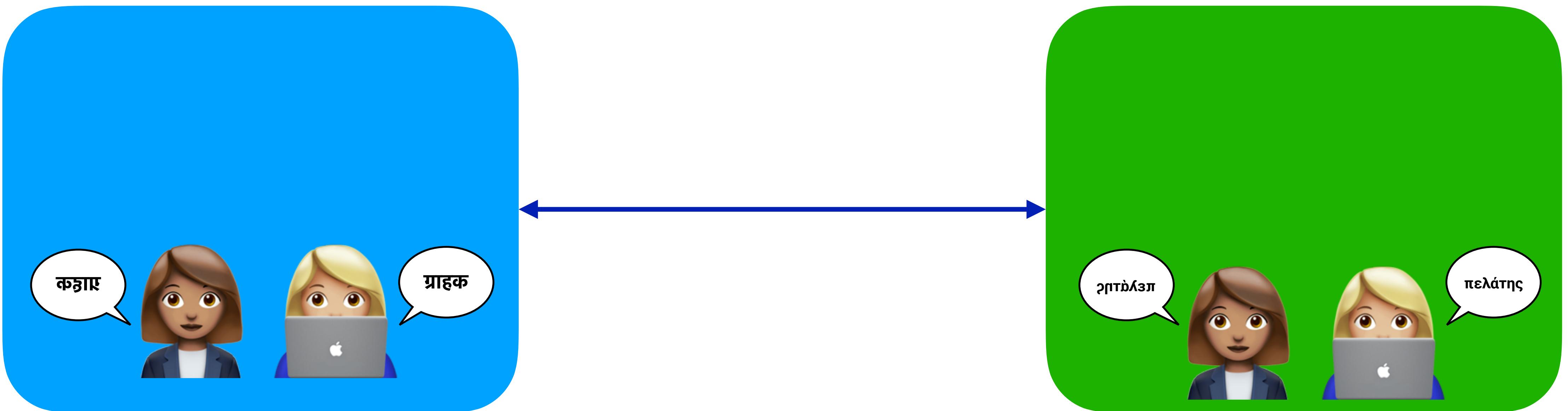


CONNECTING THE CONTEXTS

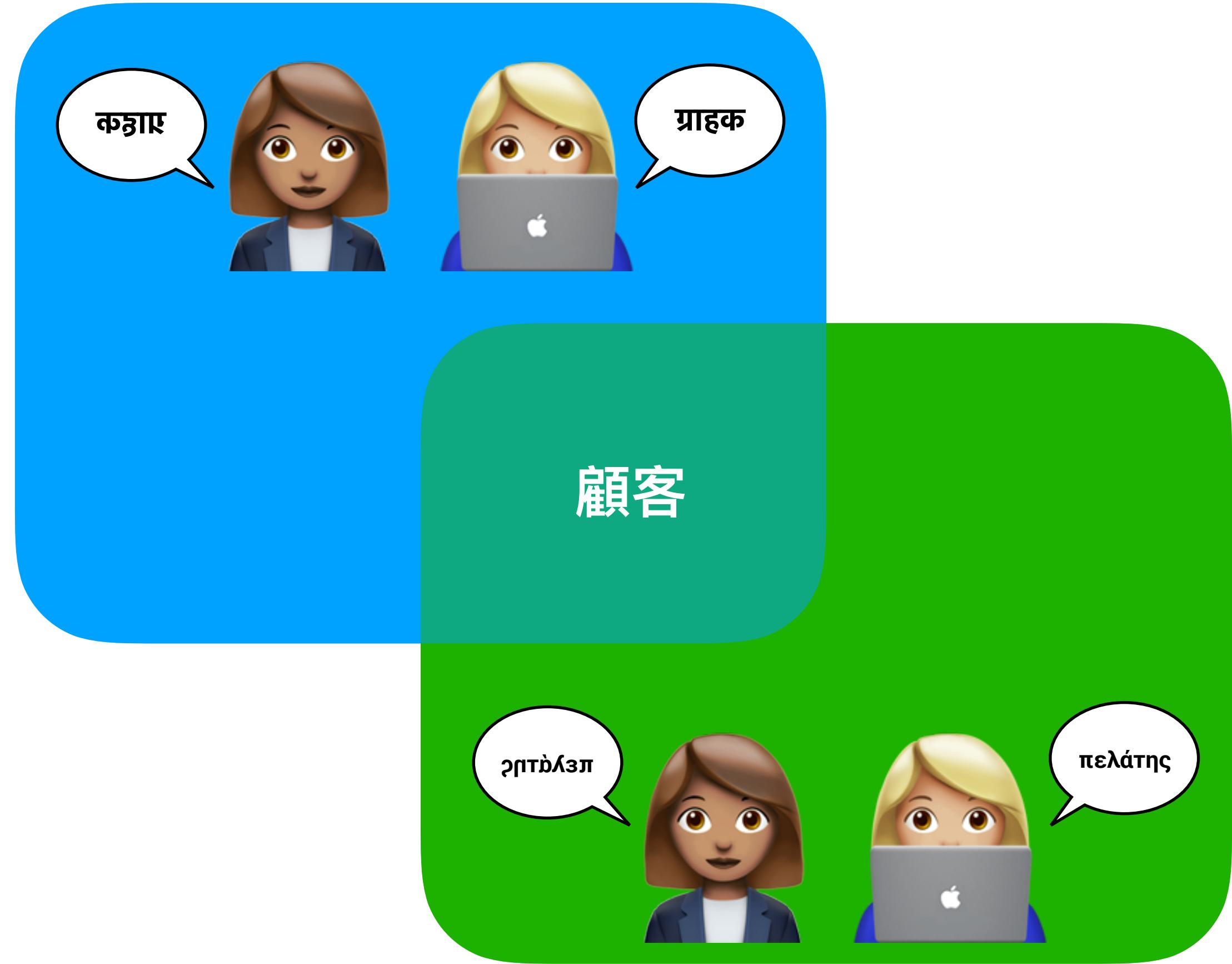


We define **mappings** on the basis of language.

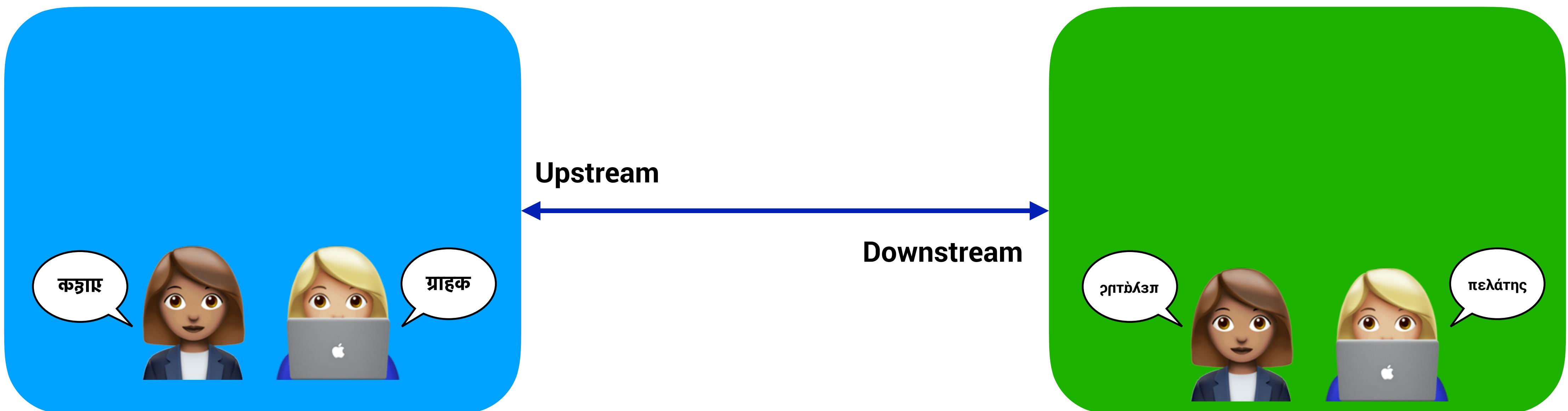
PARTNERSHIP



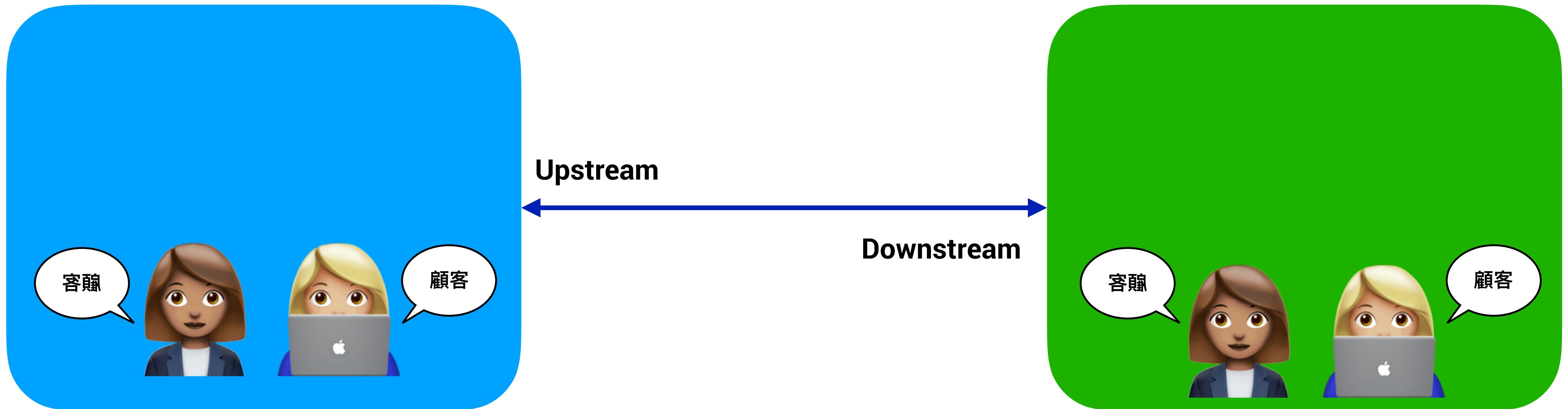
SHARED KERNEL



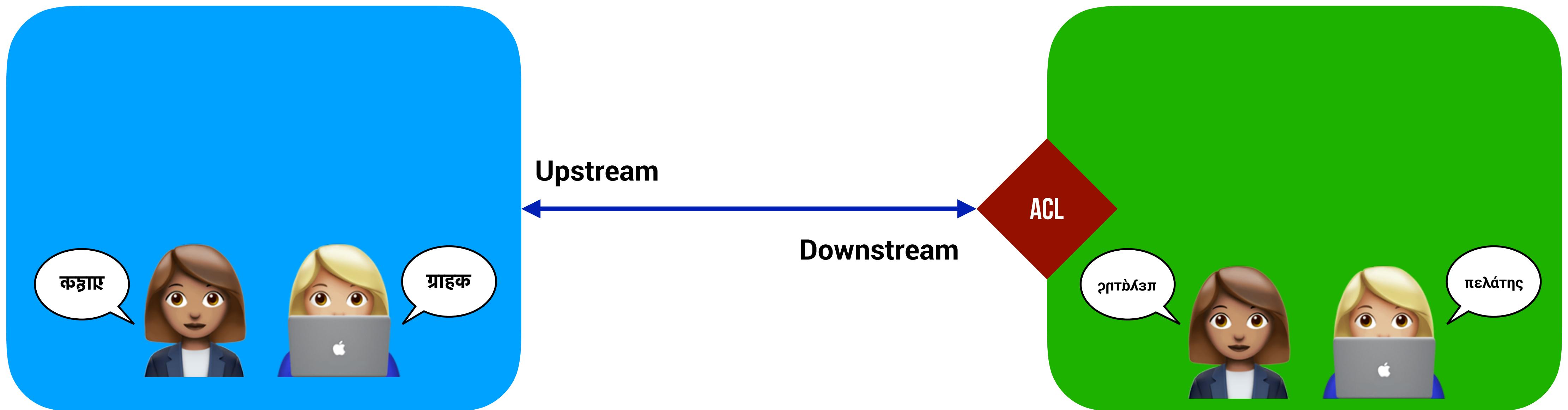
CUSTOMER-SUPPLIER



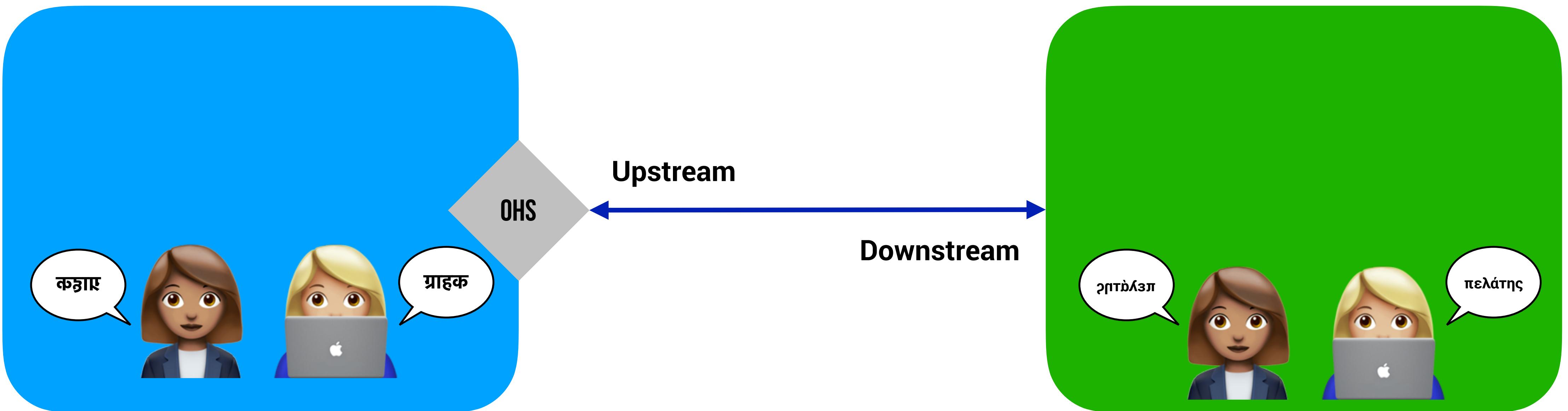
CONFORMIST



ANTICORRUPTION LAYER

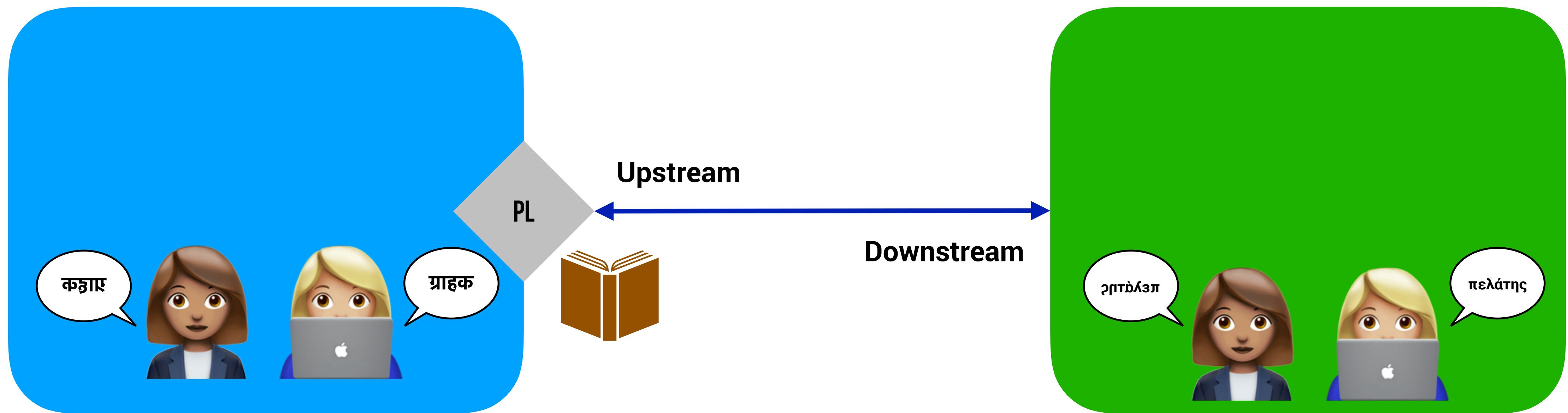


OPEN HOST SERVICE



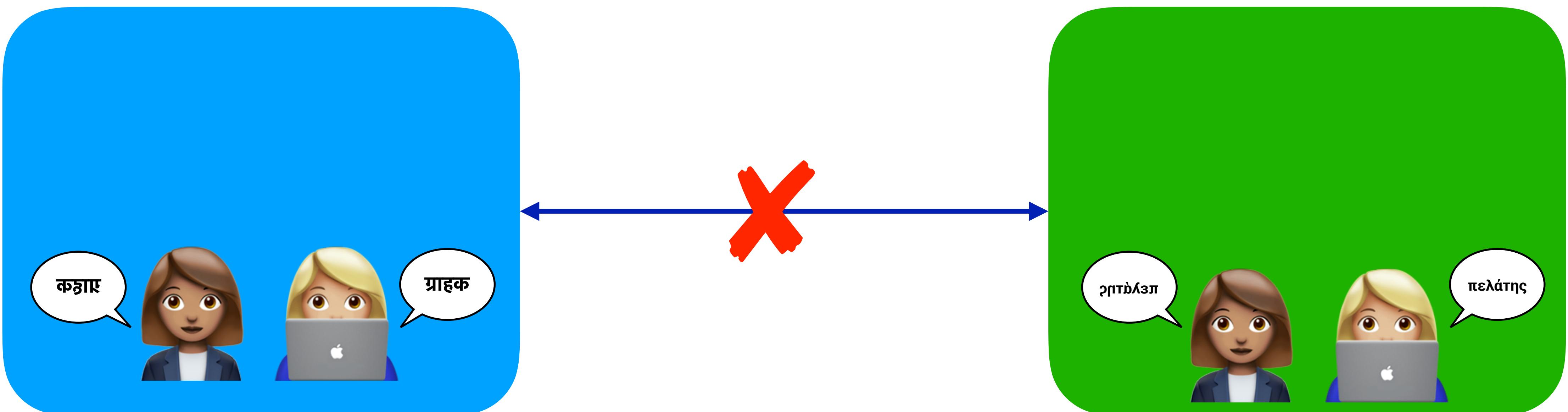
THINK API!

PUBLISHED LANGUAGE

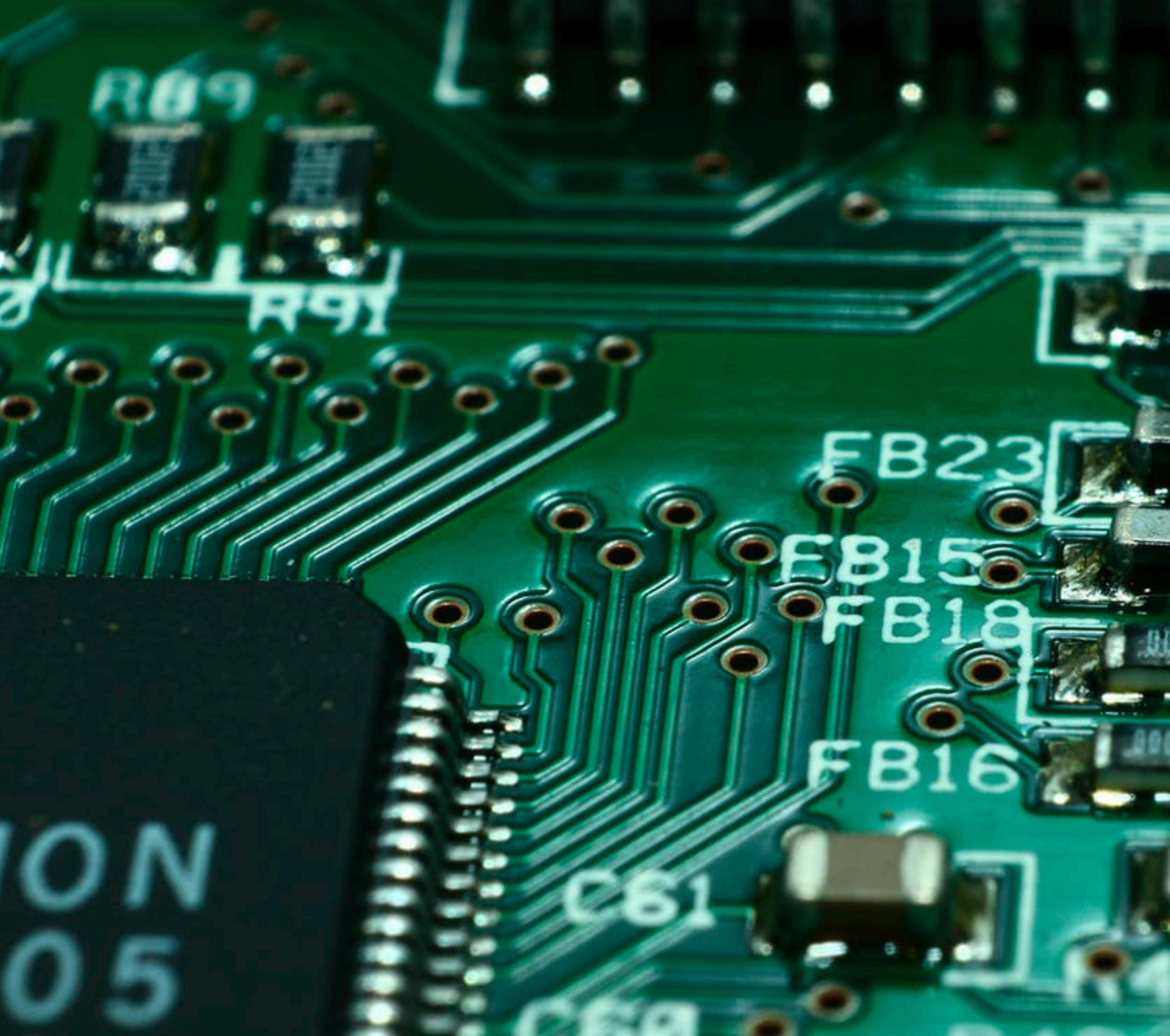


THINK API!

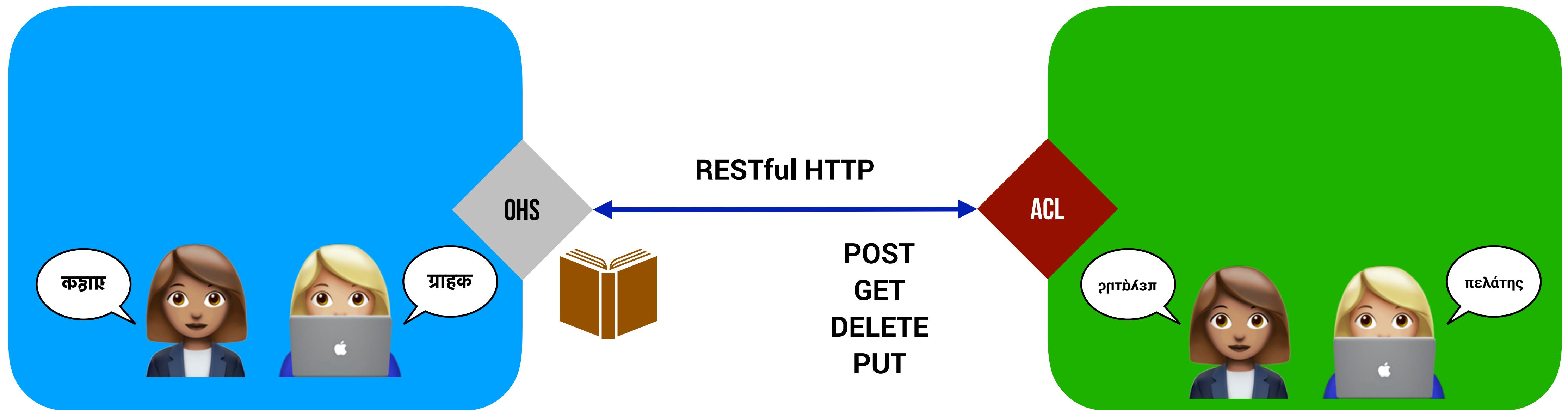
SEPARATE WAYS



CONTEXT MAPPING VS. TECHNICAL ARCHITECTURE



RESTFUL HTTP



MESSAGING

