

FOR VIVO S.P.

+ CONVERSATION

+ LEARNING

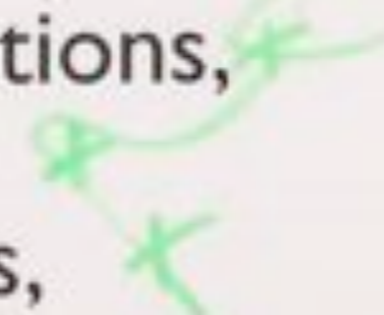
+ NETWORKS

Sept 2010

angaro.com

society without school:

+ conversations,
+ learning,
+ networks,




paul pangaro, ph.d.
cyberneticlifestyles.com
new york city

society without school:

- + conversations,
- + learning,
- + networks,

society

+ conversations, 

role of society

humans = social creatures

social cooperation = society

society = capacity to respond to human problems

= capacity to respond to human desires

= capacity to increase choices for all

CONSENSUS TO AGREE ON
QUESTIONS



CONSENSUS TO AGREE ON
~~ABOUT~~ QUESTIONS

Consensus
lines
+
consensus

role of society

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= capacity to respond to human desires

= capacity to increase choices for all





me



we



me



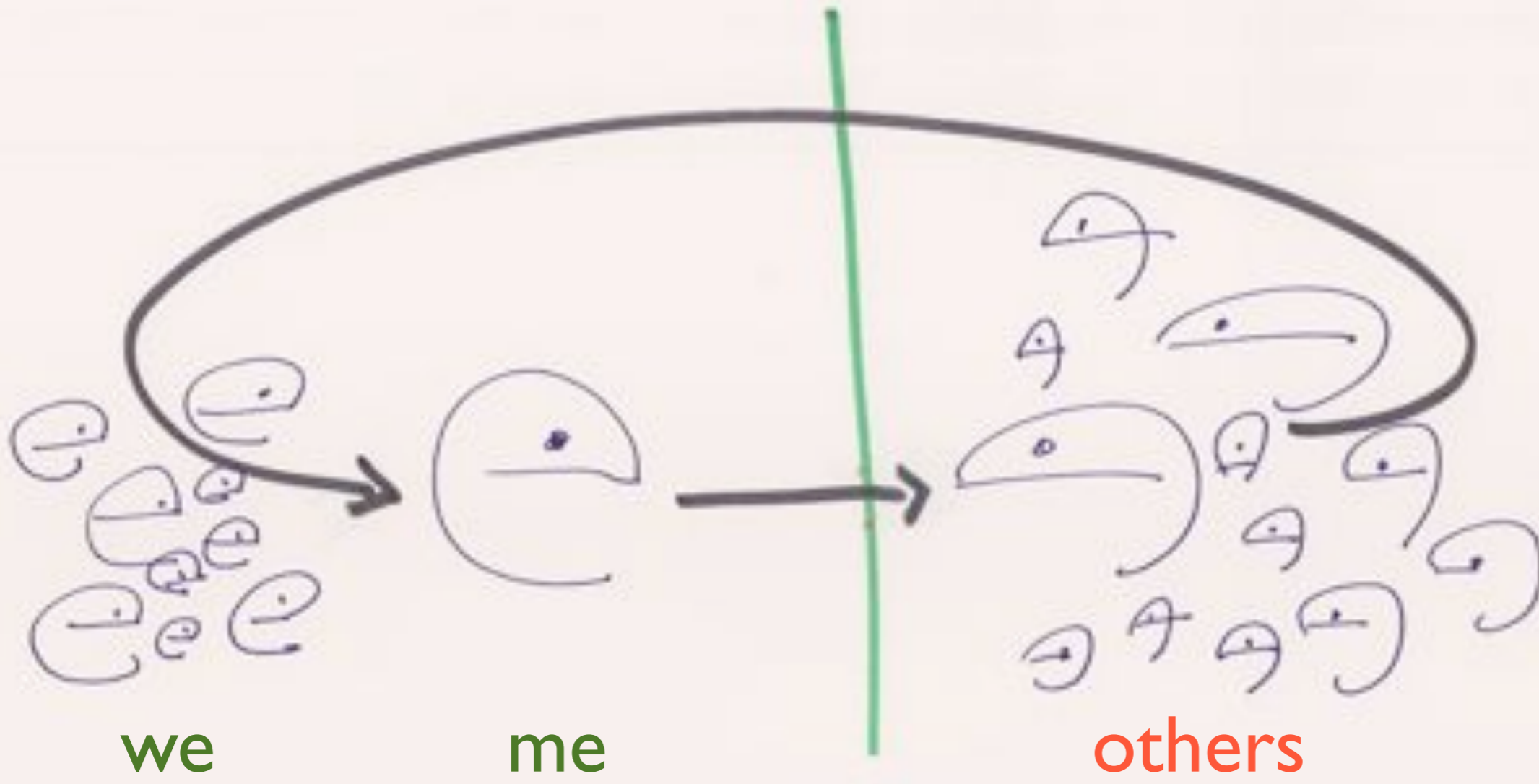
we



me



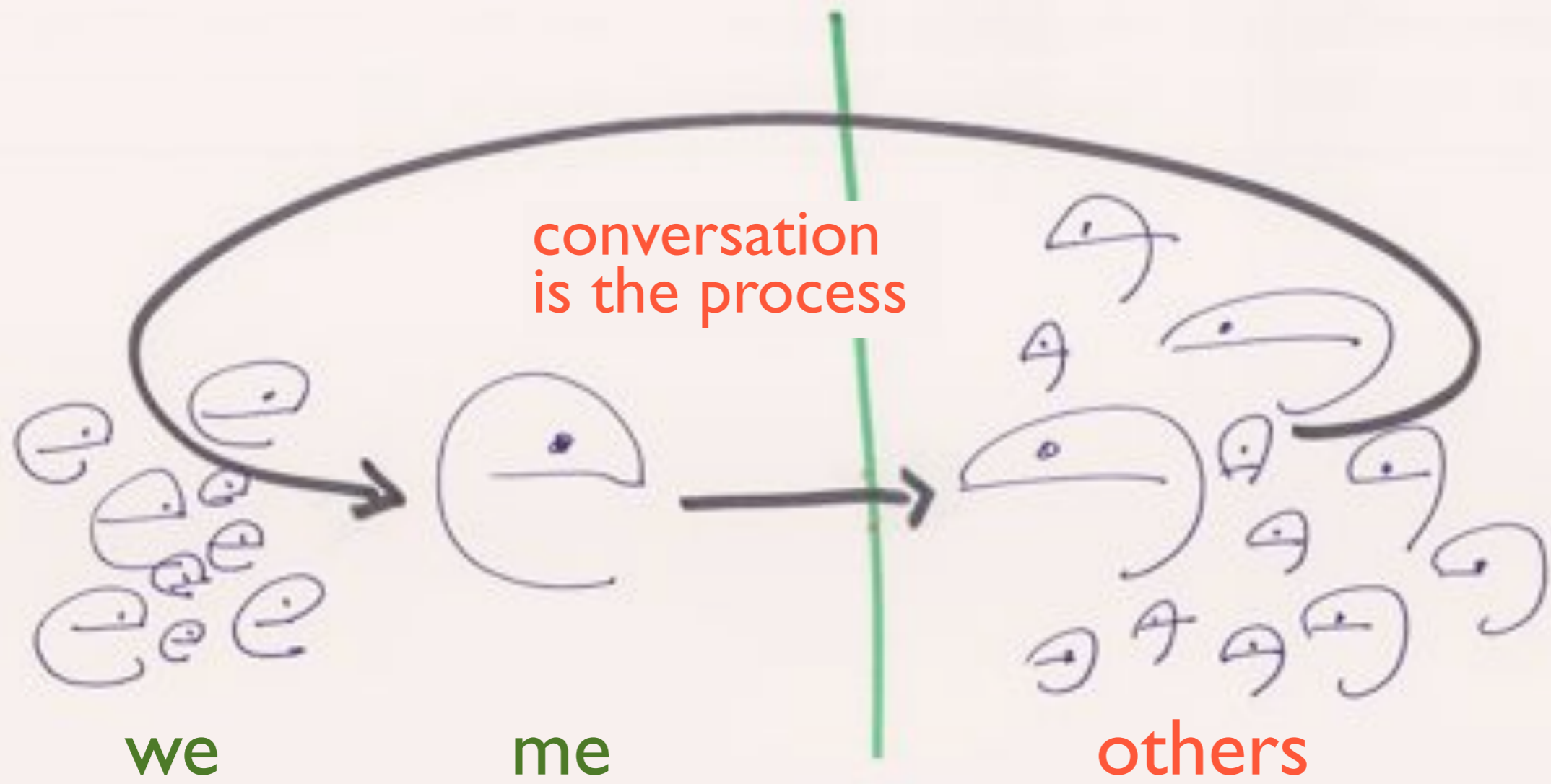
others



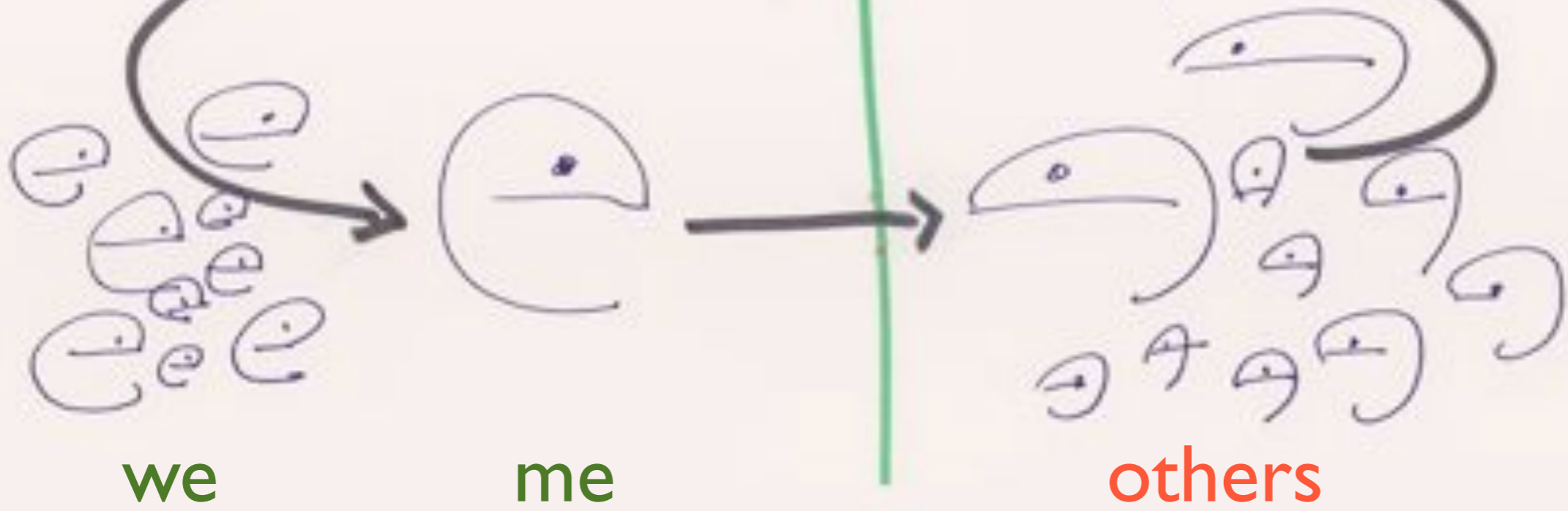
we

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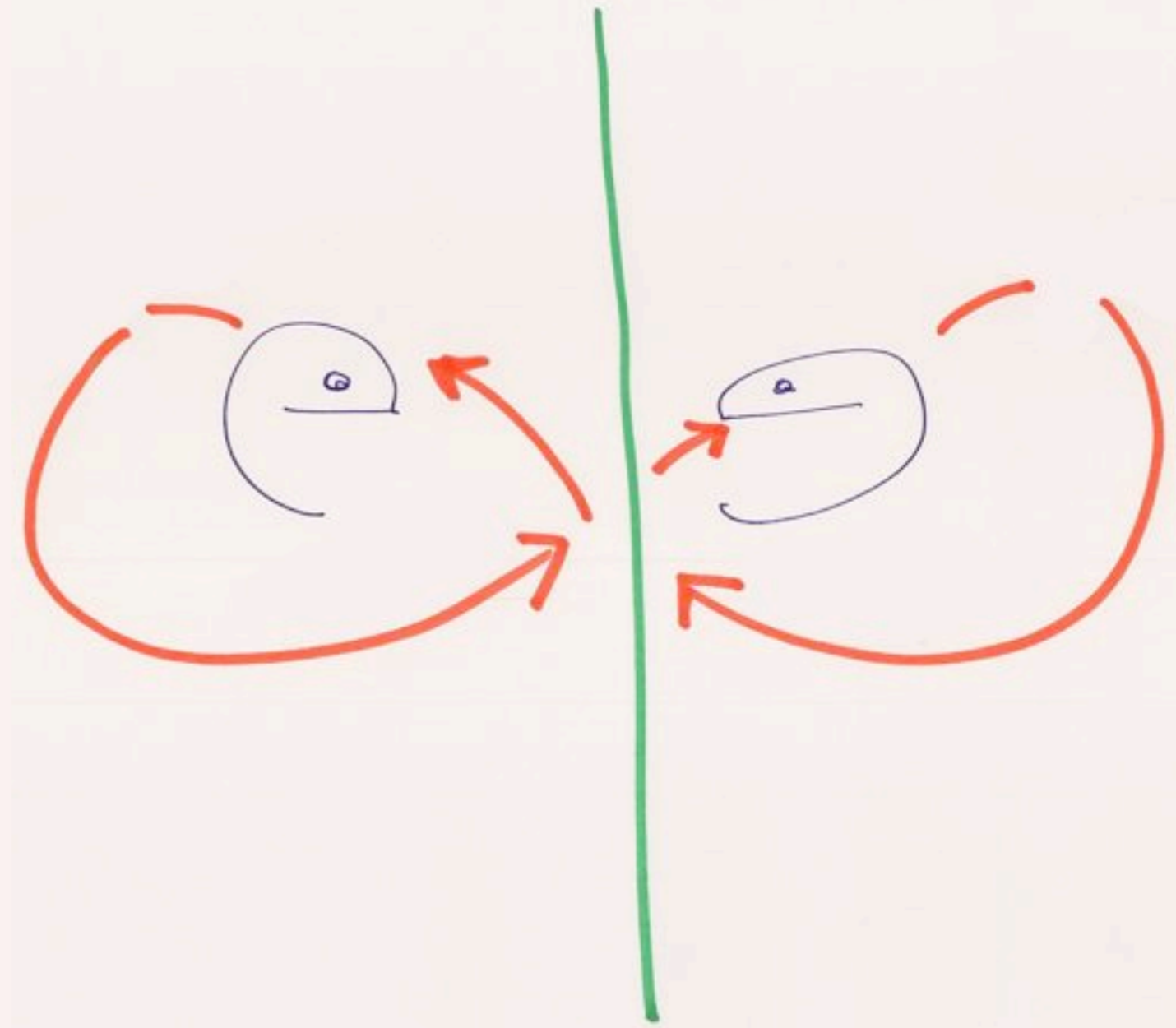


what is conversation?



what is conversation?

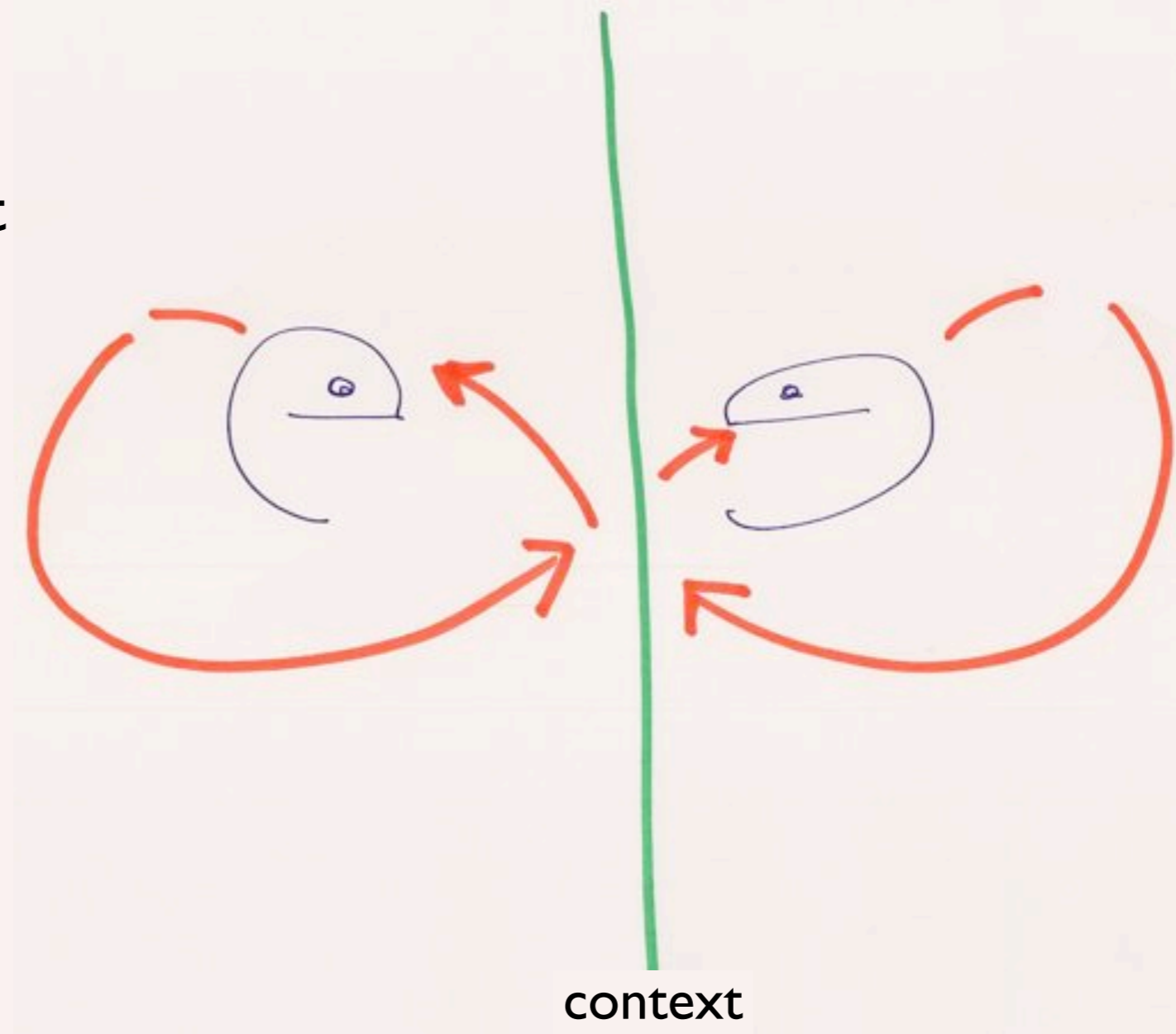
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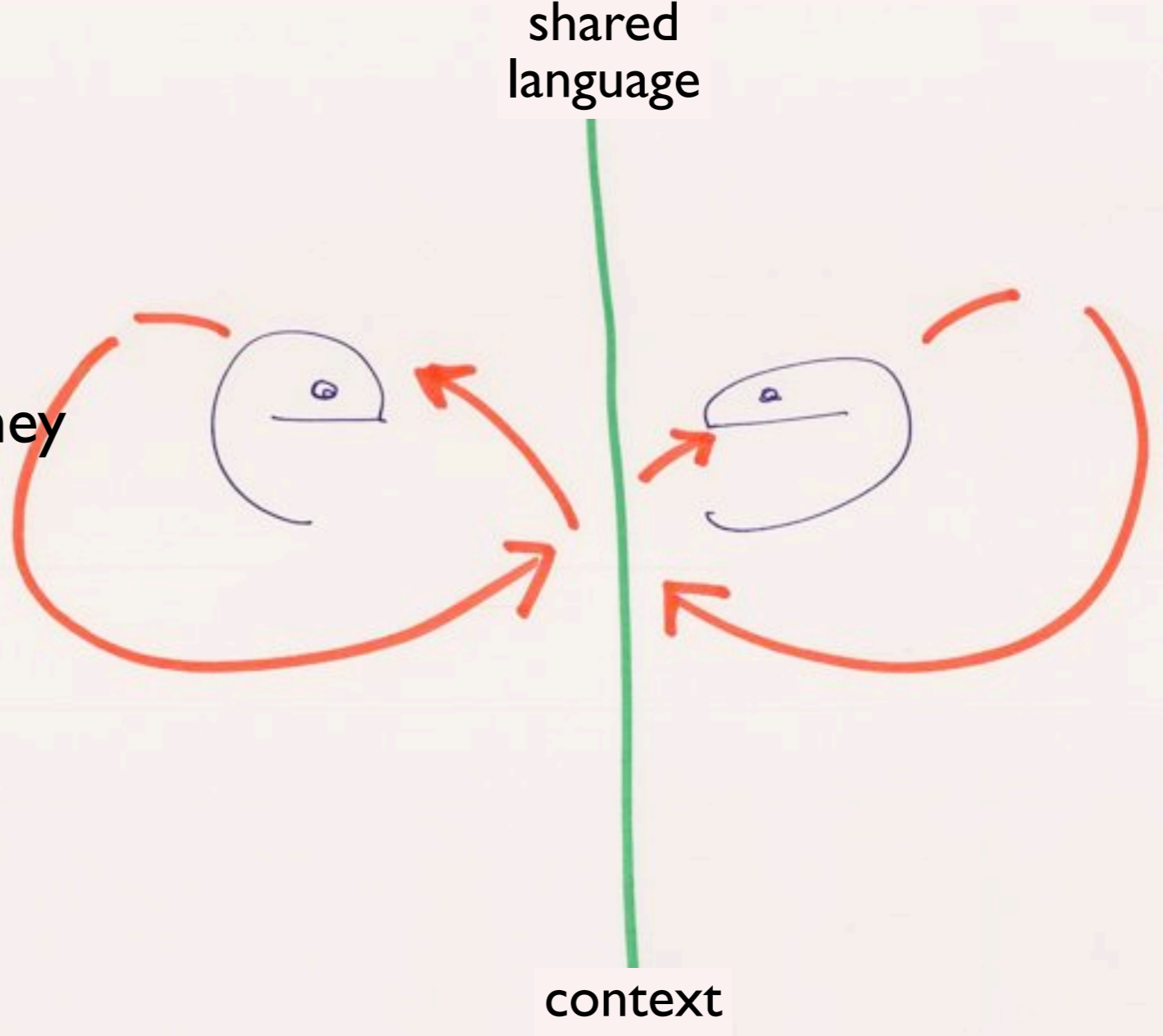
context

appropriate moment
appropriate content



what is conversation?

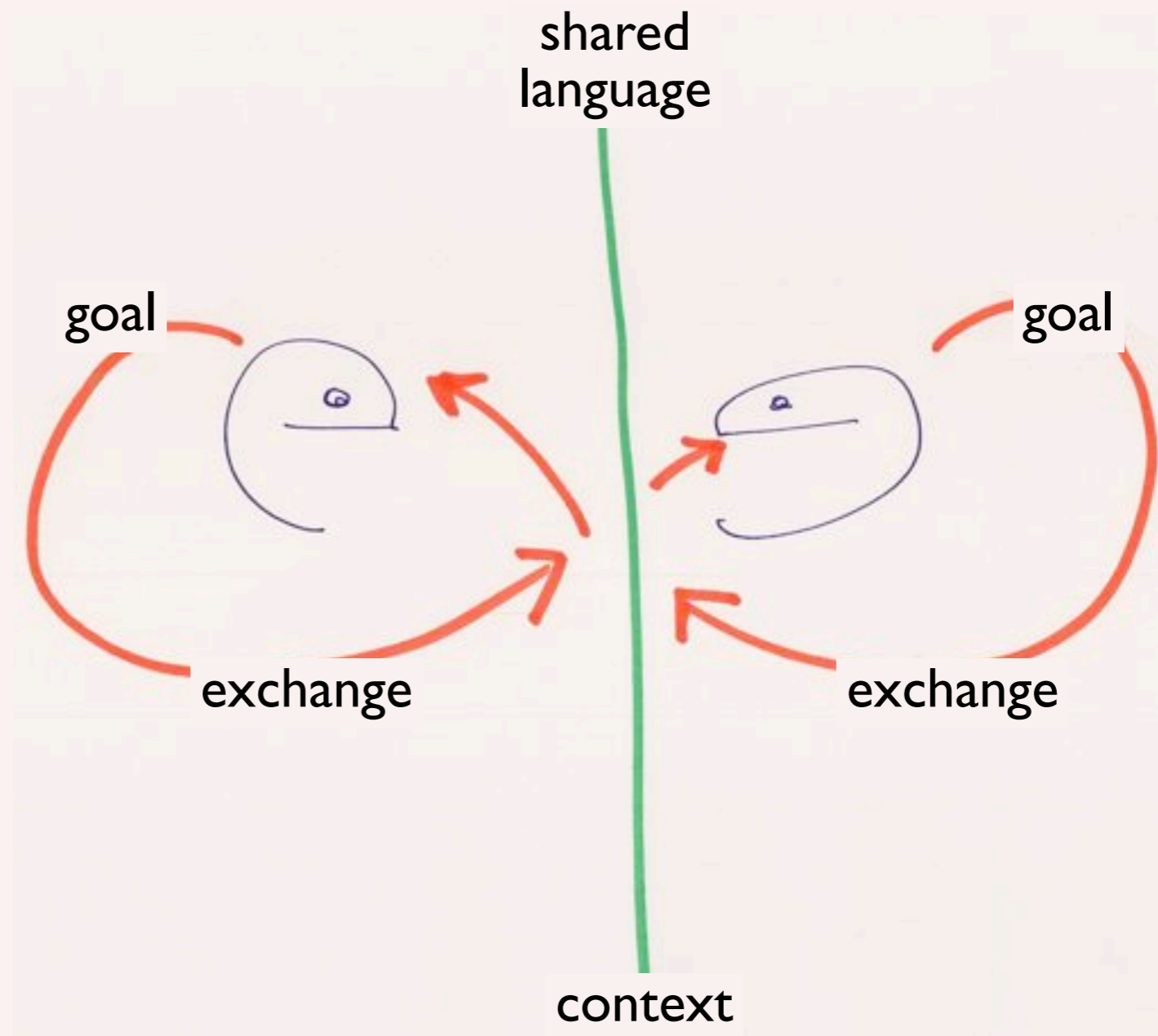
language
understandable start
understandable journey



what is conversation?

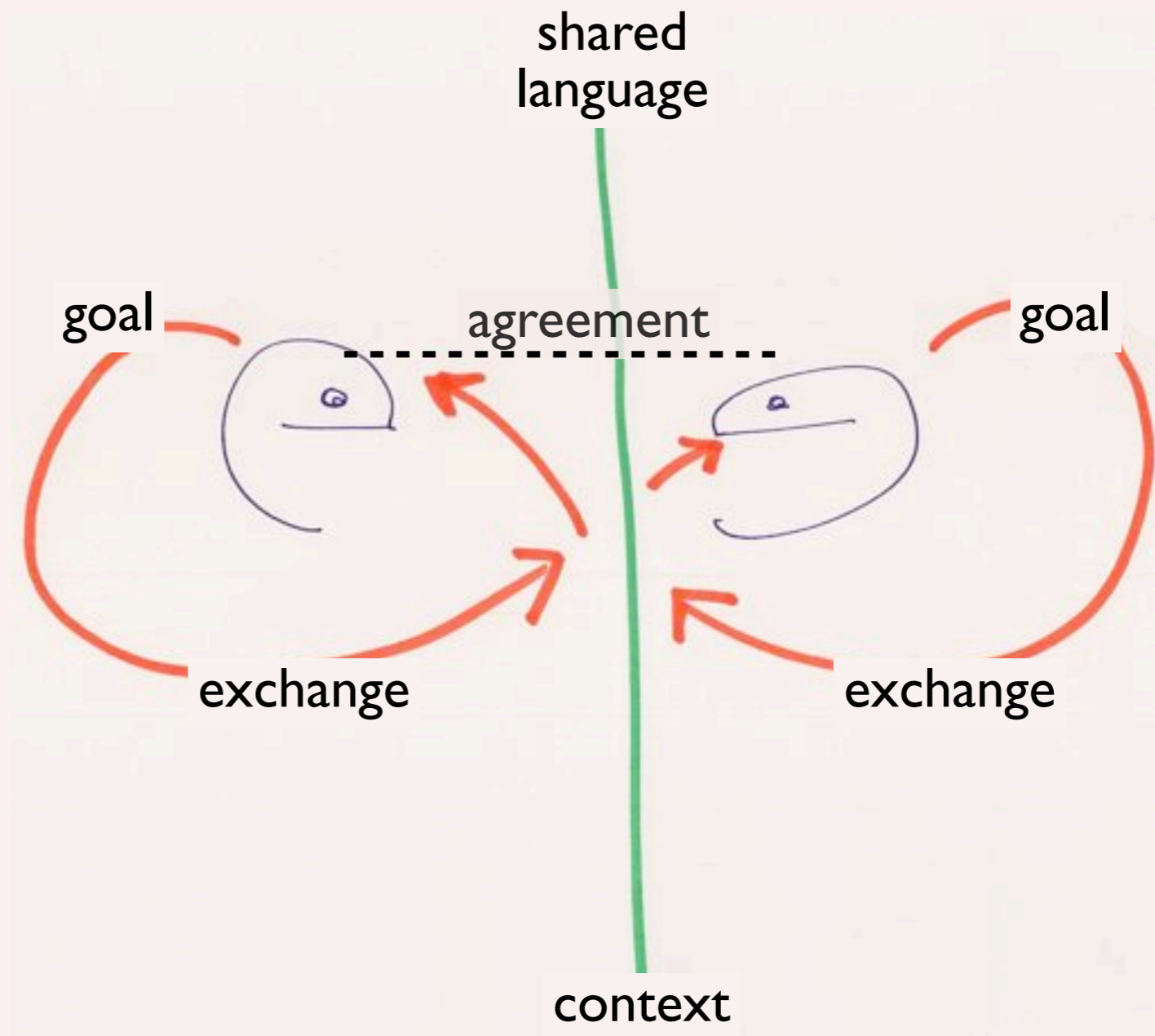
exchange

shared goal
contract to continue
mixed initiative



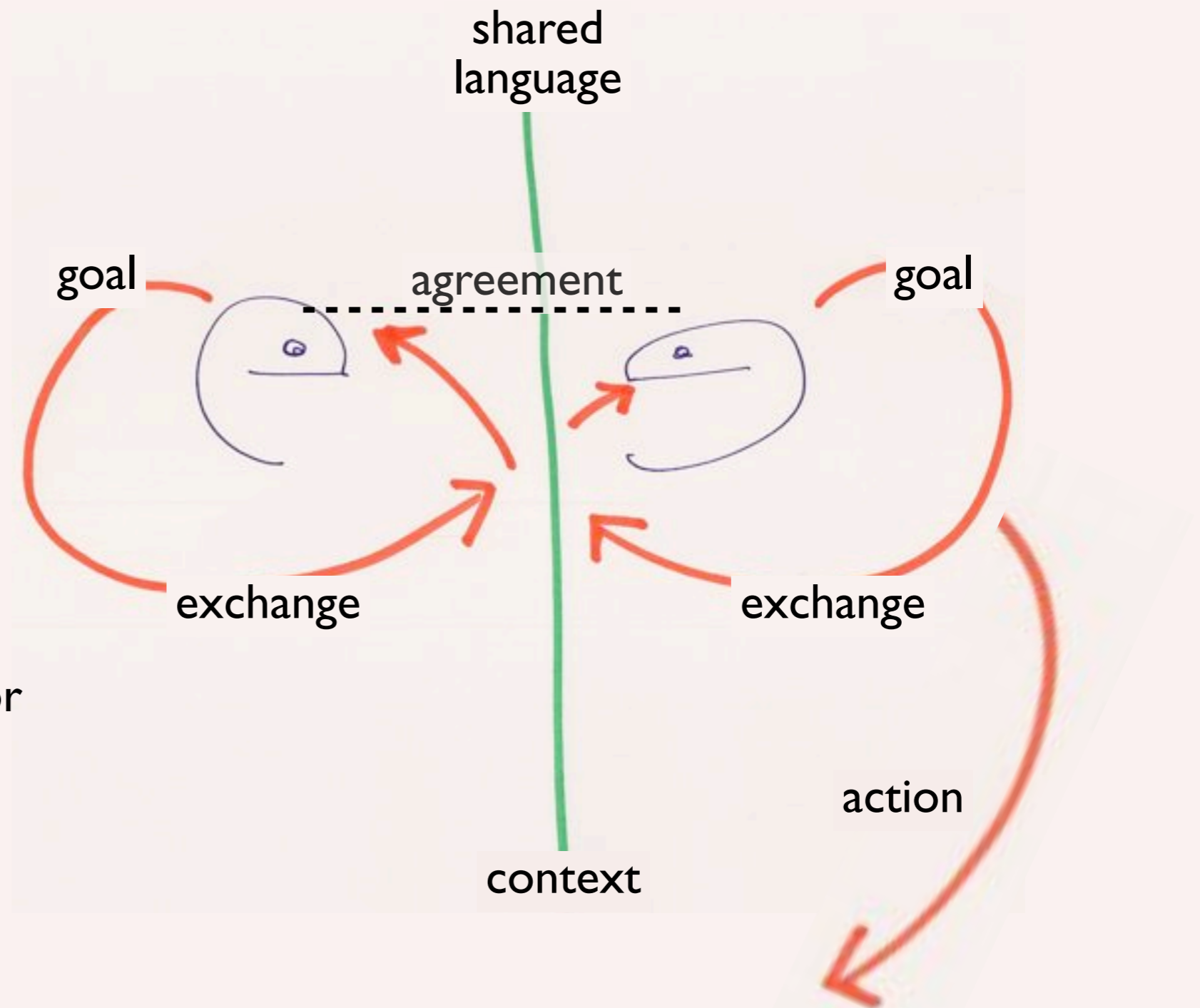
what is conversation?

agreement
shared mental models



what is conversation?

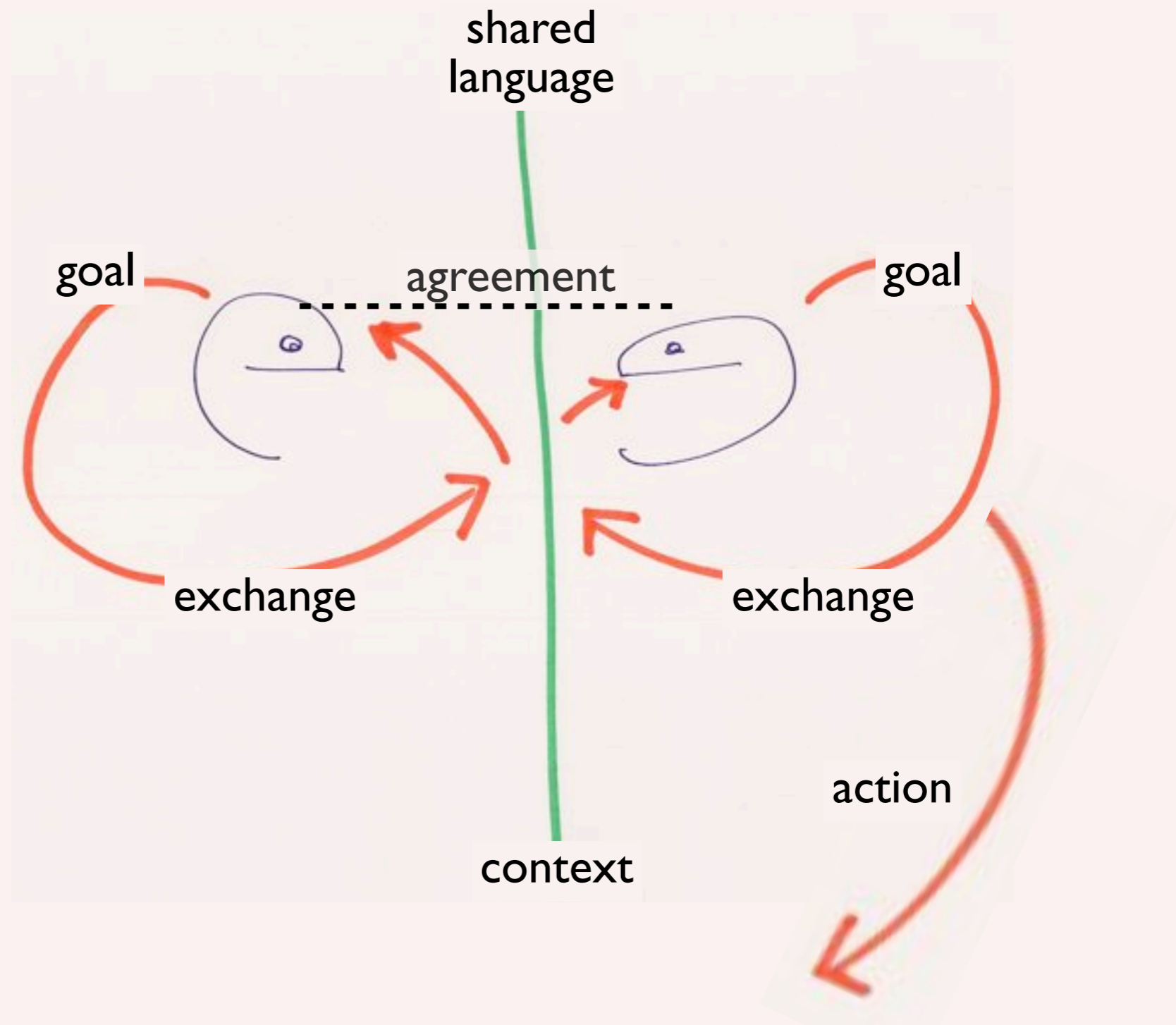
(trans)action
coordination of behavior



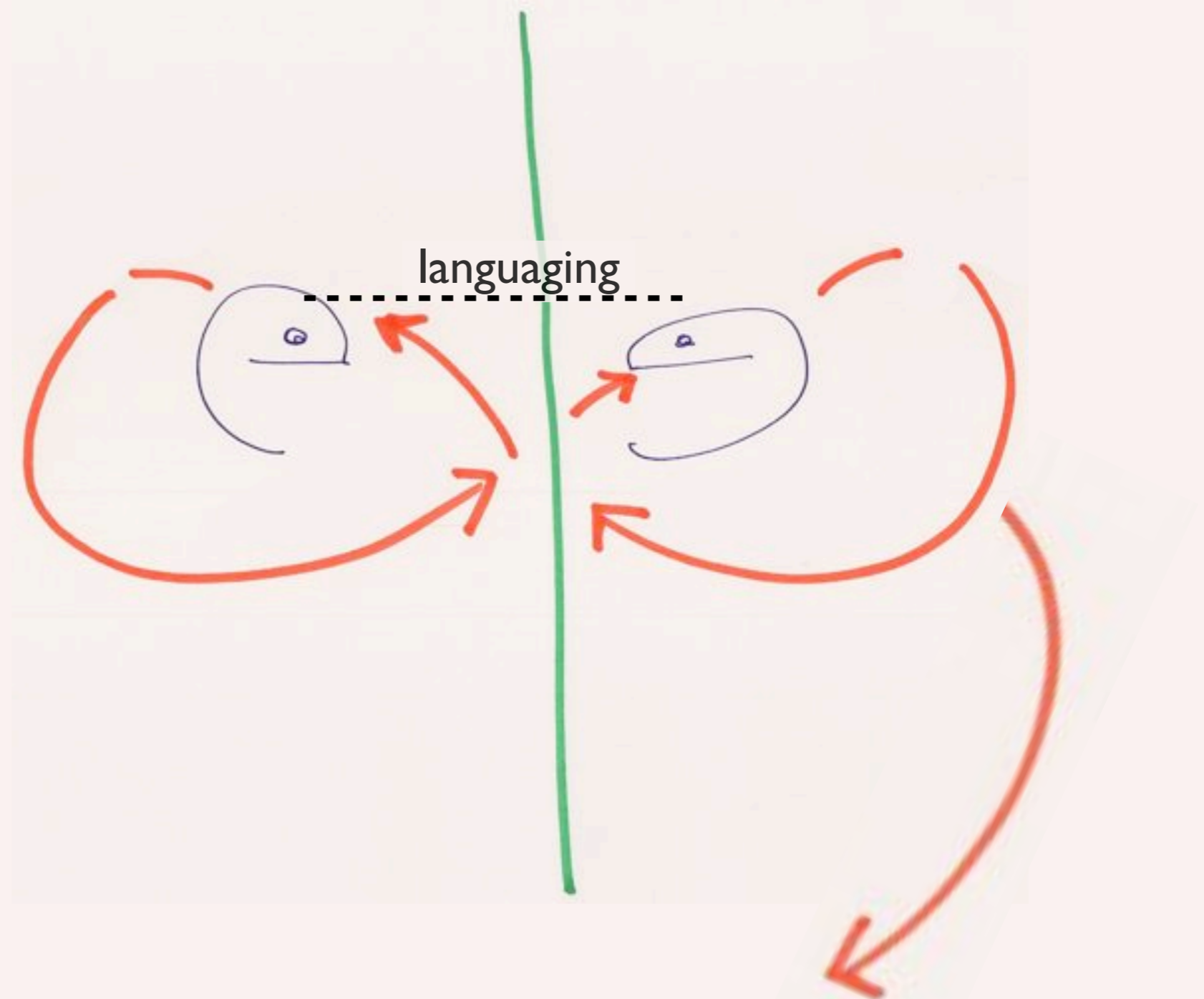
what is conversation?

- c**ontext
- l**anguage
- e**xchange
- a**greement
- (t**rans)action

- c**leat

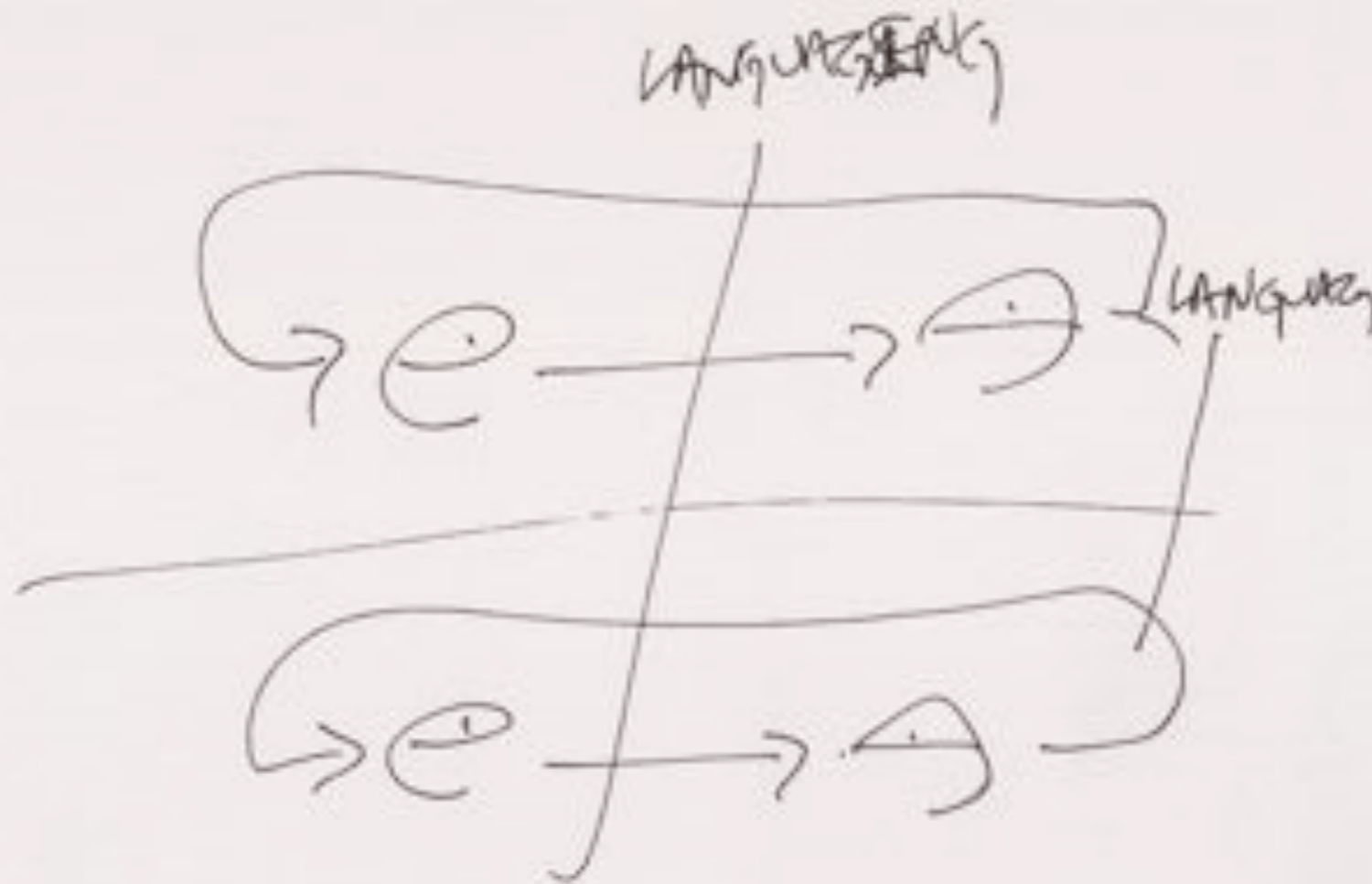


praxis of living together with others



role of conversation

social cooperation = coordination actions
coordinated actions require agreements
agreements require conversations
conversations require language



role of conversation

social cooperation = coordinated actions

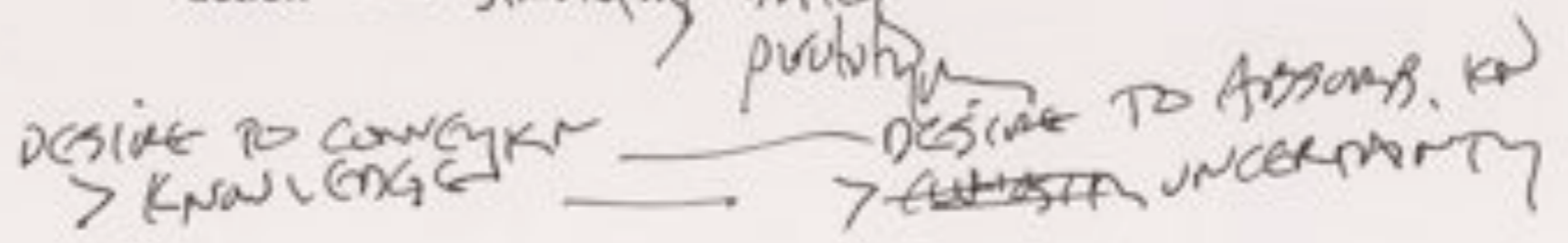
coordinated actions require agreements

agreements require conversations

conversations require language

what is learning?

- context — agreement to converse in order to learn
- language — common vocabulary new understandings + expansion of lang
- exchange — \oplus
- agreement — feedback loop (testing)
- action — simulating build



what is learning?

context

language

exchange

agreement

action

what is learning?

context finding

language starting

exchange interacting

agreement sharing

action coordinating

what is learning?

context finding a way converse, in order to learn, now

language starting in a vocabulary that is shared

exchange interacting in back-and-forth that changes beliefs

agreement sharing understanding about what is understood

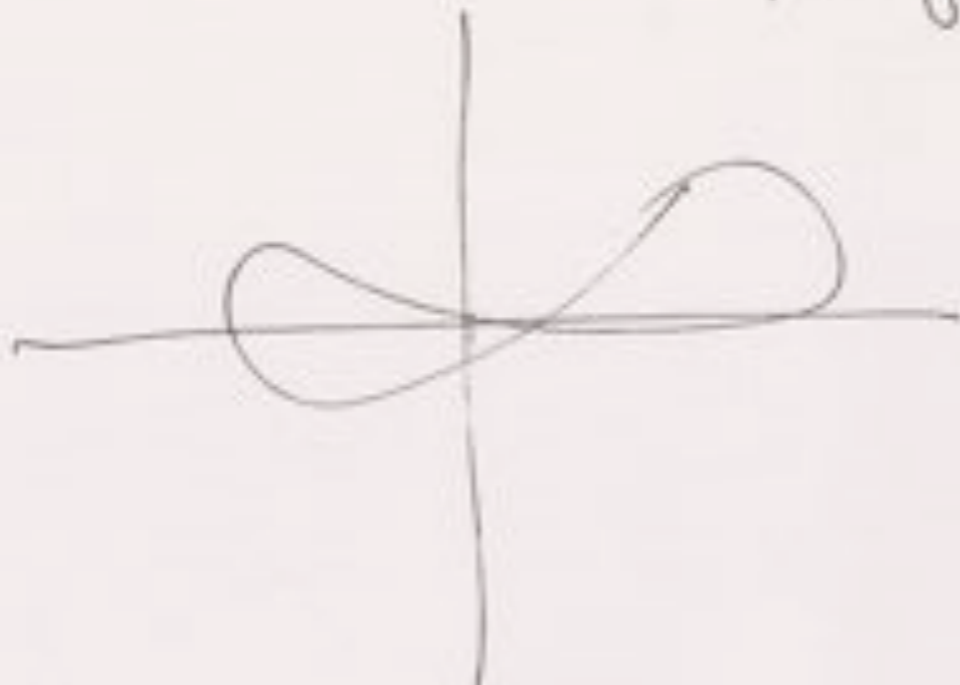
action coordinating behavior to confirm understanding

what is school?

context
language
exchange
agreement
action

location
~~place~~ organizational classroom
curriculum
teacher-student
Q/A testing
construction play

pic of SCHOLAR lesson?



WHAT - DESCRIBE
comprehending!

HOW - PERFORM
doing
operating/doing

what is school?

context fixed location, time, curriculum, classroom

language pre-established vocabulary in pre-defined curriculum

exchange “teacher” and “student” dialog

agreement qualitative assessment in class, quantitative in tests

action exercise, practice, performance



we can design the conversation

context	anywhere → always empathetic
language	any → always matched to person's context & style
exchange	any (mutuality) → always "uncert"
agreement	any (mutuality) → "guide pref"
action	give + receive physical + verbal

<repeat of something>

1/2/15

designing conversations

context “informal” opportunities found in the flow of living

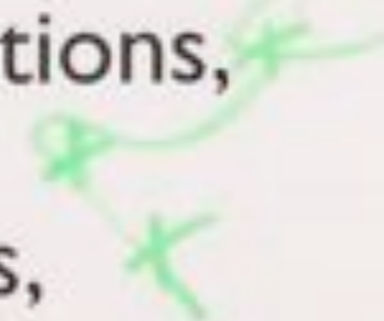
language negotiated during the interaction

exchange free-flow of focus, ideas, possibilities

agreement loose & strict assessments

action participation in creation & exercise of models & prototypes

society without school:

- + conversations,
 - + learning,
 - + networks,
- 

+ networks, ✕

what is a *people · internet · content*
network conversation?

context *virtual / ~~street~~ designed*
language
exchange
agreement
action

network conversations

context unencumbered by institution, location, time

language

exchange

agreement

action

network conversations

context

language shared enough to start, with wide-ranging diversity

exchange

agreement

action

network conversations

context

language

exchange free & inclusive, without prejudice to authority

agreement

action

network conversations

context

language

exchange

agreement on-going check of understanding, even in each exchange

action

network conversations

context

language

exchange

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action manipulation of models & “teachback”

network conversations

context unencumbered by institution, location, time

language shared enough to start, with wide-ranging diversity

exchange free & inclusive, without prejudice to authority

agreement on-going check of understanding, even in each exchange

action manipulation of models & “teachback”

instrumented conversations

context peer matching begins from social graph and extends beyond

language diversity is bridged by translation tools, conversation interface

exchange software regulates uncertainty based on learning style

agreement wide-range of responses allowed for showing understanding

action software drives simulations & enables “teachback”

metadesign

metadesign

“The **reality** that we live arises instant after instant through the **configuration of emotions** that we live, and which we **conserve** with our living instant after instant.

metadesign

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“But if we know this, if we know that the reality that we live arises through our emotioning, and we know that we know, we shall be able to act according to our awareness of our **liking or not liking** the reality that we are bringing forth with our living.

metadesign

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“That is, we shall become **responsible** for what we do.”

metadesign

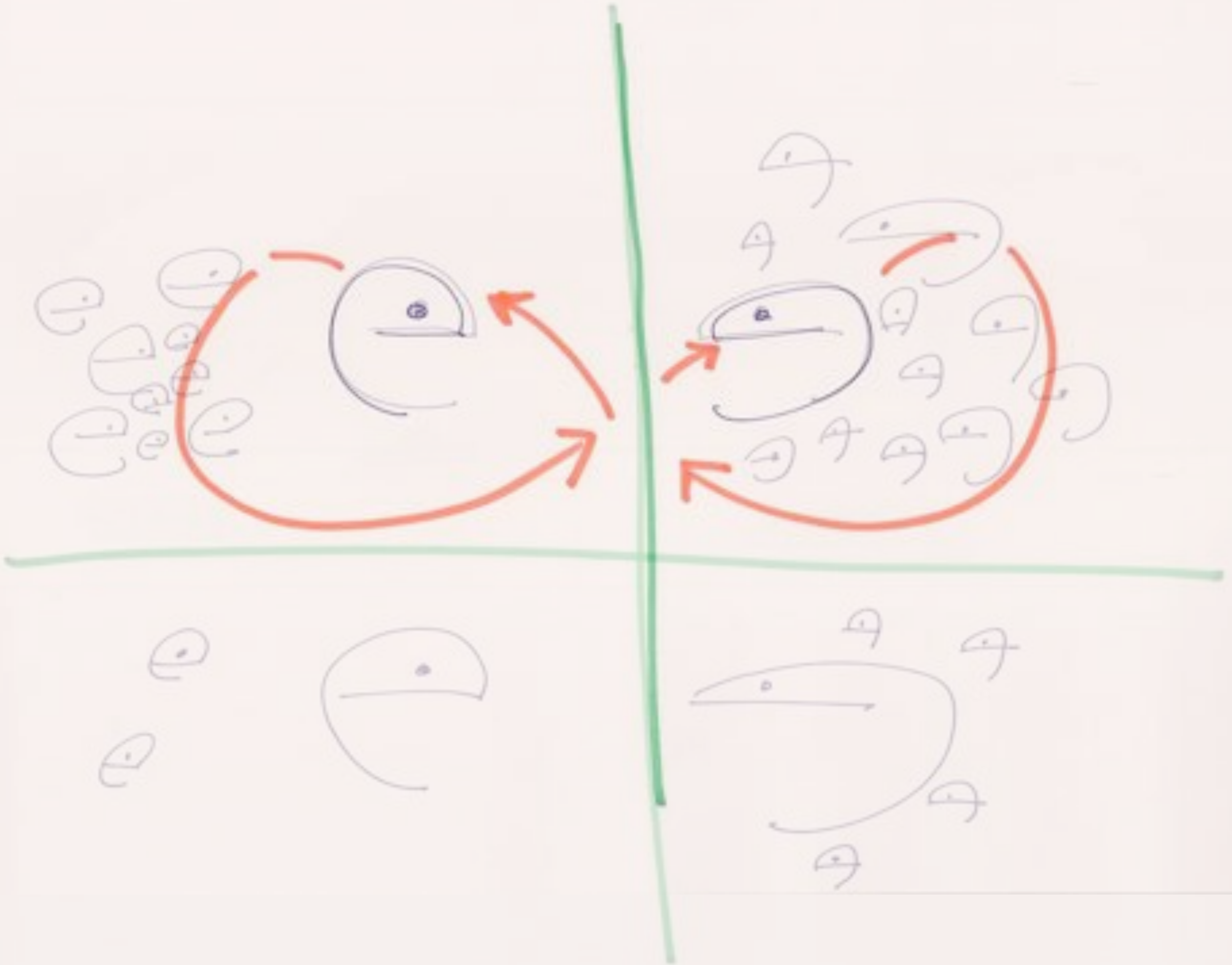
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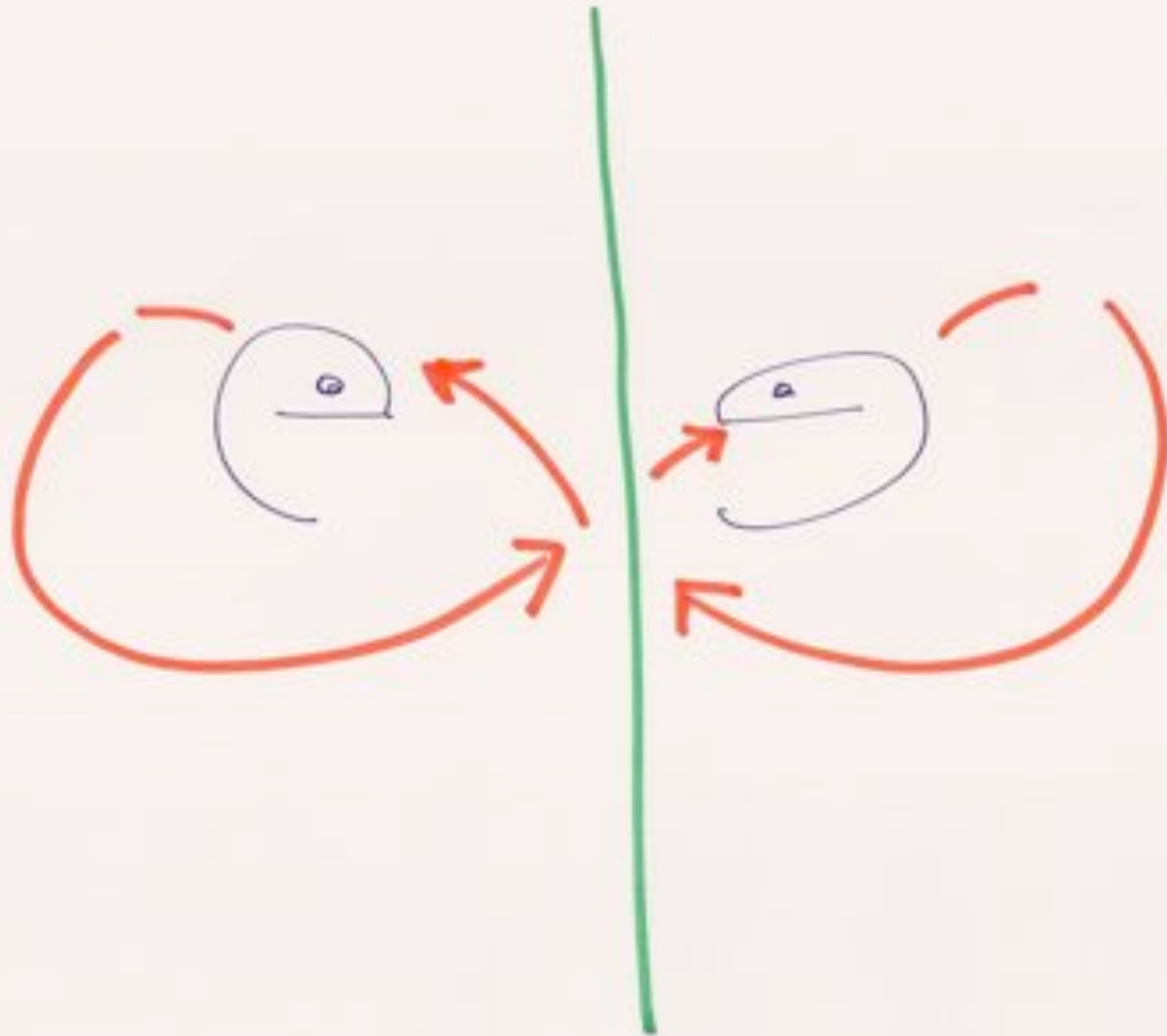
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– *Humberto Maturana.*







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