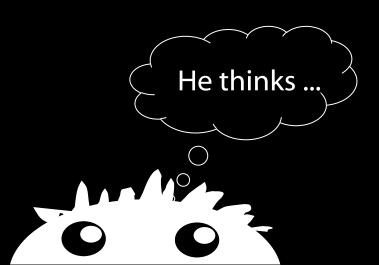


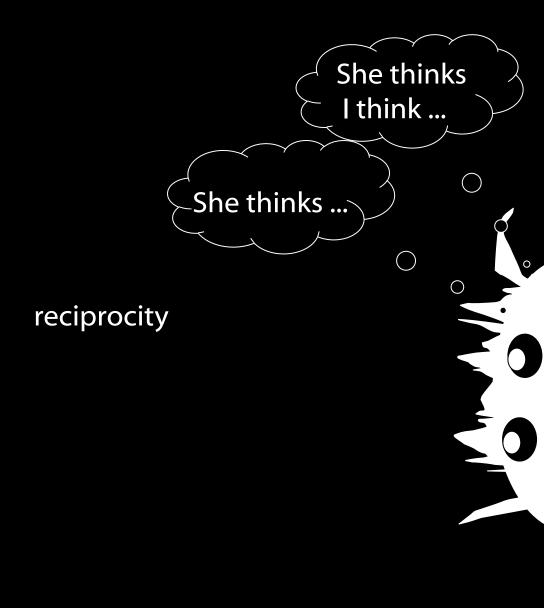




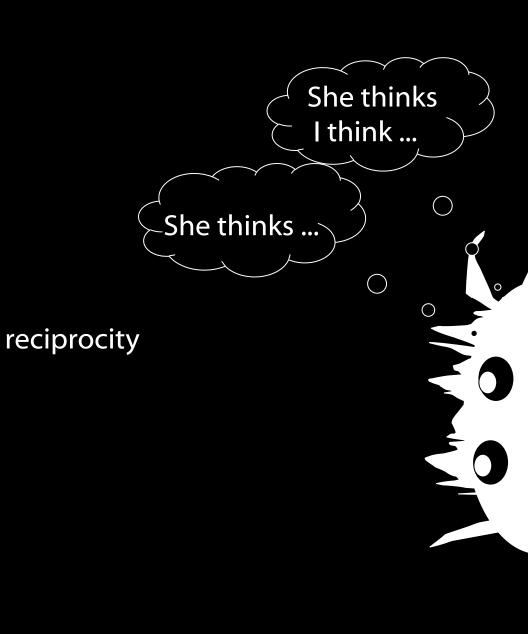
reciprocity











He thinks
I think he
thinks ...

He thinks ...



She thinks
I think she
thinks I
think ...

reciprocity



She thinks
I think she
thinks I
think ...

She thinks ...

reciprocity without escalation?



evidence for goal ascription

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Therefore:

the problem of opaque means

failed reach



point



source: Hare & Tomasello (2004)

the problem of opaque means

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Therefore:

3. A goal of your actions will be the goal I now envisage my actions being directed to.

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Applications

- pram

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Applications

- pram
- tools
- communication

failed reach



point



source: Hare & Tomasello (2004)

failed reach



point



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"to understand pointing, the subject needs to understand more than the individual goal-directed behaviour. She needs to understand that ... the other attempts to communicate to her ... and ... the communicative intention behind the gesture" (Moll & Tomsello 2007)

failed reach



point



source: Hare & Tomasello (2004)

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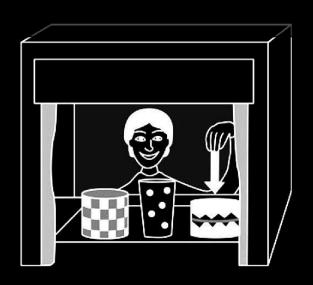
failed reach

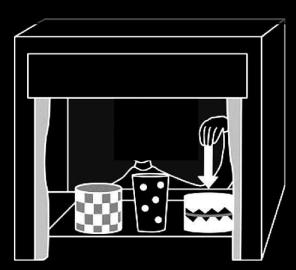


point



source: Hare & Tomasello (2004)

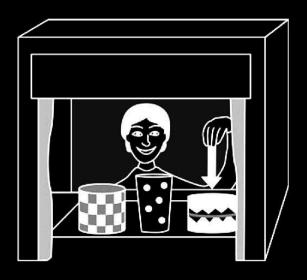


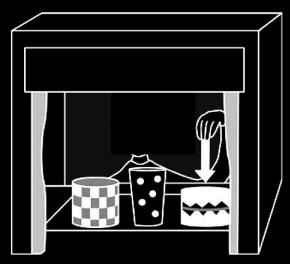


source: Leekam et al (2010)

"the adult's social cues conveyed her communicative intent, which in turn encouraged the child to 'see through the sign'."

(Leekam, Solomon & Teoh 2010:118)





source: Leekam et al (2010)

failed reach



point



source: Hare & Tomasello (2004)

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(mis)understanding communicative intent

understanding distributive goals

understanding goals

Csibra's 'two stances':

Teleological and referential action interpretation 'rely on different kinds of action understanding'

These are initially two distinct 'action interpretation systems' and they come together later in development

Csibra (2003, p. 456)

The problem of false belief

contents

actual believed cat owl North cat owl South

sophisticated theory of mind cognition

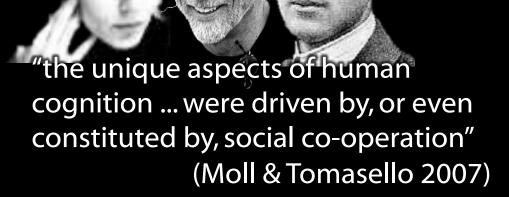
communication by language

(mis)understanding communicative intent

understanding distributive goals

understanding goals





"perception, action, and cognition are grounded in social interaction" (Sebanz & Knoblich 2008)

understanding communicative intent

understanding distributive goals

understanding goals

sophisticated theory of mind cognition

communication by language

(mis)understanding communicative intent

understanding distributive goals

understanding goals

joint action (ability to share goals)

minimal theory of mind cognition

understanding communicative intent

communication by language

sophisticated theory of mind cognition

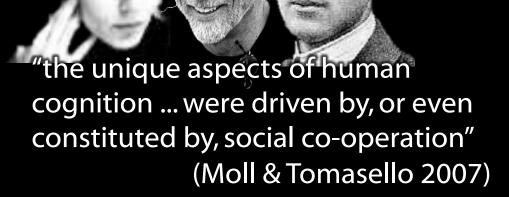
other stuff

other stuff





"the unique aspects of human cognition ... were driven by, or even constituted by, social co-operation" (Moll & Tomasello 2007)



"perception, action, and cognition are grounded in social interaction" (Sebanz & Knoblich 2008)

