- On the usual way of thinking about shored intention which in two.

four action it presupposes nich windreading abilities

- This way of thinking about j.a. preductes

Towa + MS hypstheses. It also

procludes the Deathet j.a. might play a

role in either the evolution or development of

mindreading.

Plansible perhaps that abilities to act play a key roles in development of conceptual abilities.

Anahval extension of this idea is the conjective that joint action will be important on the debelopment of conceptual abilities inshing others' minds and actions.

Maybe start w. mon as background:

Will illustrate the spirit of mon by

contrasting undestanding of intentions with

contrasting undestanding of intentions with

monorably goods. This example

monorably the paper.

Mend thereof the source;

mon (8 worker) out how to do the same;

mon (8 worker) out how to do the same;

he god frutation is easy and well-established).

) Intention -> relates goal to action

interhories of function

Nijmeger Talk 2011-01. JA & Knoming O's' Mindo I want to explore connections between mindreading, its evolution and debolopment, and jointaction.

My thesis is that joint action might play a role in evo or dex (or while) of

I shall be concerned with two south of questions:

- 1) What sor minoreading about this are needed for joint action?
- 2) How might abolities to engage in (a joint action play a role in explaining the evolution or development (or boh) of mindreading abilities?

The questions are related. If we follow the standard view in philosophy and suppose that all J.a. involves shared intention, then J.a. will require not midready abilité. On this n'es, the second question does not arise. It is impossible for atrities to engage in j.a. to significantly explain emogence of unidocading.

But if, as I som will explain, we adopt a were ofer different conception of j.a. then there is room for J.a. to play a role in the acquisition of minorcadus

Like to literature + Nijnegers'onne K+N

phis M+T late quoti: regular porhupoli... There are the inspiration for my talk. What I'm doing in effect B looking at there work? I had conjectures and as king thou does that work? I wonder which assumes only unimal mindreading abilities

Tomasollo: shared intention is sine que non.

Shared intention 13 what? Leading account requires intentions about intentions, among other shift. Not much mindreading abilities that it doesn't

Hidely One response is to my to give a simples acit

Most shored intention requires (Tellefsen, Kutz,...)

I want to suggest a more radical approach, one where we (temporarly abandon fait action) shared intention...

To explain this I need to stress a distriction between intentions and goals.

Goal as outcome vs. gral state. Concernable
PHE that rely bet action & goal does not
trushe a goal state (we can make sense of this possibility)

The pole to assign goals to action who aserting goal-states to agents; combinations. ' Eg com have commitments who DINSERT P. J here

(1) Supp Me aix convenel w. goal-durched joint action.

As I saw at the start, a a j-a-is ---

What the minimum necessary for there to be j.a. in this sense?

Have to have rel" bet activities collectively that doesn't just amount to each agents activities being individually directed to the goal.

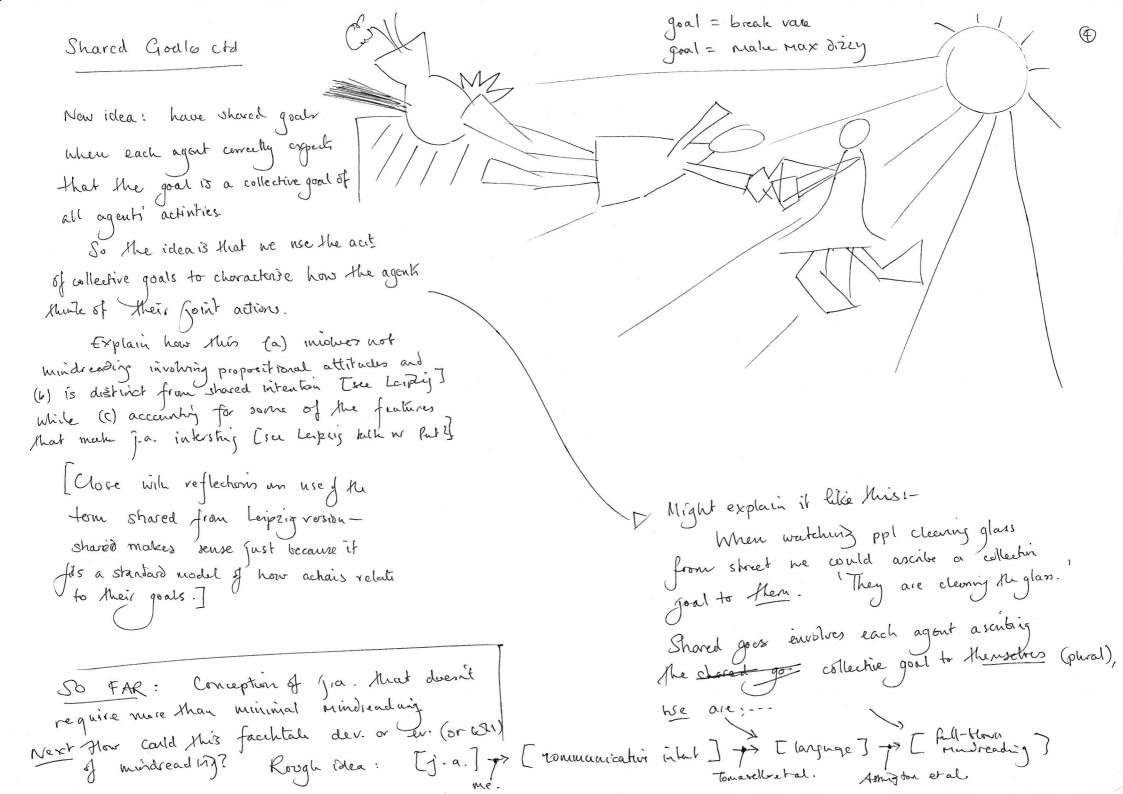
Natural to assume. That this can only be some with shared intoution or some kind, god-state which is both shared on represent the goal

Achially, though, you can do its with earliether goals.

Need to talk about dishabitive goals, and give an eg that will fit with the possibility. The coordination directs the agents' achieves, possibility taken collectively, to the goal.

(2) Shored goals: collectie goal story is foundation, not need an intrinsically interesting formy jea (cTD: see pt)

Now that we have whether gods we can add and remove shift. I don't Mick that we should be too previous about any particles I answer of interface & converely, May be no deep muty to joint action. May have So



Recognizing quals 18 key to many districtive cases. Especially hard in comme activities because of Gricean circle.

le: it's one thing to have a general ability to recognize goals, quite auther to be to able to recognize the goals of this or that activity.

For tomascho says primates ofw than humans don't recognize the goals of southing activities where these are done not to veguler but to inform.

I want to suggest that abilities to engage in j.a. can brige grap between general ability and particular applications

Let me start by offering a chaques of for why identifying parhenter goods is eften hard.

- 1) Problem of apagne means ... (see leipzig talk).
- 2) This is not the only problem, we also have problem of take belief

How could abilities to engage in j.a. help to overcome these prohem? ... (Leipzig talle).

- Hare & Call (2004) pointing vs. failed reach example. Stress that seeing this as joint action involves aventing a distributive goat, which may be odd.

Conclusion

Two ques: Primidreading nece for jouractu? A: forms of joint action only require minual theory of mind cognition

Q2: Role for not abilities to Engage in joint action in evolution or development of mindreading?

A: Stipped down notions of joint action make this possible remove an obstacle to given a positive answer.

And in one modest, ifout concrete way, they could in fact do s-

[j-a] -> [communicative intent] -> [comme try lay] -> [rundrealing

2) But there is a way to undertand pointy
to inform their bossist involve this.

MOM t ja powerful combination for
getting goal of a chair who
maders tailing communicative intent.

when you put these to jet u you get abilities to fake understanding of communicate

le: ja. extends he carge of mon abilities

3) And achierly the ability to fake it is a step towards achieve understanding it. agents to the goal so could experiment away of getting the person to the goal so could experiment with this outside from ((f tool example KHS))

Note to self

Might be easiest to run my good to ye good for roon-use first:

use of took to achière E: Th' opingue

so I don't see
that E has a rolle.

(Nee tool) Get found

became the count chairs are opeque, (don't recognize that tool une is party the sharing tood.

In context of ja. : your using tool tells me that this must be post of the solution

Now I know this from j-a. experiency I

Can replicate it outside of the context of ja.

It's not that the means are now transporent where before they were spague — (still probably soul know how tool lands about the end

Bit et least now I am in a poseition to ask the 9° to before the Que couldn't have area because I sout know that to tool was necurary.

INSERT afte p 3 left (poth, papeus p 3 R)

... so one can represent g-d action ule representuj intentions.

This insight will be useful in several ways in what follows, but most directly in characterising Joint action without shared intention. To put it In effect, I want to suggest that j.a. can have showing gods rate than intertion. q: What is an acet- of joint actin specto achieve?

As I said at the start, a j.a. is ---

A: Basic task is to explain rel- bet the joint achon and its goal or goals.

Of course this is standardly due using shard intention.

Our challeng I want to explain how it can be done who shared intertion by ging you a series of increasingly elaborate notions, from the completely hiral to the really quit snips:

.) dishibutive goods

2) collection joah

3) shared Joals