

13<sup>th</sup> Manchester Phonology Meeting

26-28 May, 2005

## **Whose phonological fact?**

### **Prosodic phrasing in multi-action turns**

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## **1 Essentials of a model of talk-in-interaction**

- A core topic in prosodic theory is the constituency of prosodic phrases.
- A model of talk in interaction needs to handle information at various levels:
  - social activities (such as *requests, complaints, invitations, narratives*)
  - generic requirements such turn-taking and topic management
  - the indexing of epistemic and deontic modalities, as well as non-linguistic information, such as social relations.
- Primacy of individual in phonological theory leads to the positing of stand-alone units which are not susceptible to the influence of e.g. incoming talk, repair by current speaker or other, nor the projection of an upcoming turn endings (and thus the possibility of speaker transition).
- The categories needed to describe many of the events of conversation relate to the fact that conversation (a) occurs in real time (b) is accomplished by two (or more) speakers.
- Garrod & Pickering (2004): dynamic model of dialogue which assumes *co-ordination* and *alignment* of speakers at all levels through priming. Evidence: repair mechanisms, recycling, construction of ‘routines’ (such as stylisation).
- Kempson, Meyer-Voll & Gabbay (2001): dynamic model syntax which allows simultaneous parsing and construction and allows for co-construction of utterances, and syntactic alignment between speakers.

## 2 Overview of turn-taking

### 2.1 Crucial ideas:

- turn
- turn constructional unit (TCU)
- transition relevance place (TRP)
- projectability
- co-ordination across levels: action, syntax, phonology...

### 2.2 Example: Vegtalk 02.01.04:1;4-5

1 P1 [ca[pe gooseberry jam  
2 P2 [(laughter))  
3 P1 now how posh is cape gooseberry jam  
4 P2 [that is pretty wonderful][isn't it yes]=  
5 M [I kno:w ] [how lovely ]  
6 P2 =yes  
7 B another one I did as well was uhm (.) cherries  
8 and redcurrants together and that is glorious  
9 (0.2)  
10 P2 cherries and redcurrants mixed together  
11 B ye[s \* \* I had a glut] of redcurrants and living in  
12 M [oh very sensible ]  
13 B Lincolnshire I'm able to buy cherries quite cheaply  
14 from the side of the [road]  
15 P2 [yes ] of course

## 3 Data

- Multi-unit turns, containing two actions, [request] + [account]. The [account] justifies the making of the request.
- Data taken from 8 different corpora, c.21hr of recordings of unscripted speech.
- Auditory and acoustic phonetic analysis; transcriptions, inspection of f0 traces, amplitude envelope etc.
- Concurrent interactional analysis (e.g. Couper-Kuhlen & Ford 2004.)

## 4 [request] + [account] sequences

### 4.1 Overview

A [request] makes a response relevant from a coparticipant.

#### Fragment (1) 26. SO88 (II): Side 1: Call 4

1 S Leslie said uh about this: da:nce  
2 H Ye:s  
3 S RQ Yeah as far as I'm:: I know eh that's okay if you can  
4 RQ book us a couple of ticke[ts  
5 H RS [Yes I will Ski-I'll  
6 RS let you have them Skip. or: (.) uh I-I'll-I'll(p) (0.2)  
7 pa:h- while we're popping by I'll pop 'em through the  
8 letter box=

A [request] may be followed by an [account] even after the [request] has been granted:

### Fragment (2) REQ25. SO88: Side 2: Call 9

1 L RQ =No:: No:: .hhh We:ll- (0.2) c-Could you (.) ask her  
 2 L RQ if she could ring again it's uhr-er- when she gets in,  
 3 J RS Ye:[s [Yea[h I'll  
 4 L AC [.h[hh [Only Gordon's just pho:ned and he wanted  
 5 to know how she wa:[s  
 6 J [Ye:h

### 4.2 [request] + [account] phrased separately

Format of these sequences:

A [request]  
 B [withholds a response]  
 A [account for the request]

In these cases, the [account] is a responsive action to the lack of affiliative action by the recipient.

In this collection, *because* begins the turn following the withholding of a response to the request; crucially, the [request] itself is designed as a complete turn making a response from the co-participant relevant:

- [request] produced with intonational and temporal marking of completion (e.g. “final contour”, slowing down)
- syntactic evidence of completion (e.g. construction of a 3-part list)
- no glottal closure to hold turn over a place of syntactic completion
- *because* produced with complete bilabial and/or velar closures; no lenition

### Fragment (3) HGII

1 Hyl: So I decided forget it I didn't wanna see it .hh Toda:y  
 2 there was a who::le (.) review on it in [the paper]  
 3 Nan: [u-whe:re ]  
 4 (.)  
 5 Nan: Oh real[ly I'm'nna go loo:k  
 6 Hyl: [In the View section]  
 7 (0.2)  
 8 Nan: In the [Vie:w?  
 9 Hyl: [.hh  
 10 Hyl: Yeh- buh I don't want you to read it  
 11 (.)  
 12 Nan: [O ] k a y,  
 13 Hyl: → [Plea]se don't  
 <rall----->  
 14 (0.3)  
 15 Hyl: → b[ecause- ]  
 bik<sup>h</sup>yz

16 Nan: [See I do]n't know what it's a[bout you're n]ot gonna=  
 17 Hyl: [Y e a h ]  
 18 Nan: tell [me? ]  
 19 Hyl: [.p.k] becau:se there's one point in there where it  
 20 gives away s::omething th[at-]  
 21 Nan: [Oh:] rea[lly:]? ]  
 22 Hyl: [i-is a sho]:cker and  
 23 I don't want y[ou to kno:w]  
 24 Nan: [okay I wo]n't

#### Fragment (4) MTRAC

1 Mar: Oh it's nice to-u speak to somebody who got lucky  
 2 I- I actually feel that I got very lucky getting into the  
 3 position I am but I m- think I may have to go back to  
 4 schoo:l because the funds are .hhhhhhh are running ou:t  
 5 (0.9)  
 6 Mar: that I get a chance to do whatever I want to with uh:: .h  
 7 Ron: Yeah exactly I a[gree  
 8 Mar: [a group of people'n there's nobody: (. )  
 9 nobody I have to talk to about it except myse:lf  
 10 Ron: Ah:  
 11 Mar: → Hey you wouldn't be free Wednesday night would you?  
 <all----->  
 12 (0.3)  
 13 Mar: → because we're rehearsing .hhhhh and uh::: hhh I just  
 bik<sup>h</sup>iz  
 14 think the whole group would just love to have you come  
 15 do:wn

#### Fragment (5) CallHome en\_6033

1 A: she said there were some words like that .hhhh but it  
 2 is: (0.2) >if you want to< sa:y like a different language  
 3 (0.4)  
 4 A: yeah=  
 5 B: =hm=  
 6 A: yeah  
 7 (0.2)  
 8 B: .hhh[h well now tell me] ha-  
 9 A: [I mean but you kn-]  
 10 (0.3)  
 11 A: yeah (.) o-  
 12 B: → ha- ha- ((unintell.)) how's your mother  
 <rall-->  
 13 (0.2)  
 14 B: → 'cause I just- I just wrote you a Christmas card  
 15 Lu[cille and I put it] in the mail  
 16 A: [oh you did ]

#### Fragment (6) Kamunsky II

1 Sha: Yeah it wou:ld  
 2 Ala: If you wanna talk to him about it  
 3 Sha: Hu:h





3 D = [yeh  
 4 L = [eh heh heh heh he:h[h .hhh  
 5 D [well I'll  
 6 pop over the[n  
 7 L [yes  
 8 (.)  
 9 L .hh o[kay  
 10 → .hh ↑if you could (.) let me have that book  
 lɛʔt' 'mifav <all---->  
 11 → u-so[me: (.) back sometime because I  
 sʌmta'em'ikʏzai  
 12 (D [yeah)  
 13 → promised it to to: Harold  
 14 (0.5)  
 15 D oh yea[h  
 16 L [uh::: because he's looking up  
 17 colleges as well  
 18 D yea[h

### Fragment (10) REQ38. Holt 1:1:3

1 Les: .hh Oh by the wa:y Ann hasn::'u-sent  
 2 Gordon anything=  
 3 Mum: =Yes she ha:s  
 4 Les: Well it hasn't co:me  
 5 Mum: Oh well probably get it t'morrow  
 6 (0.3)  
 7 Les: Oh: yes=↑What is she sendin d'you know  
 8 (.)  
 9 Mum: (Well guess)  
 10 (0.3)  
 11 Les: Oh not one a'tho:se whi:te tee shirts=  
 12 Mum: =Well I don't know what sort'v tee shirt  
 13 it is but it i:s  
 14 Les: ↓Oh:: Mu::m::  
 15 (0.4)  
 16 Les: It's just a waste of money  
 17 (1.8)  
 18 Les: .h actually ?if you can drop the hint (.)  
 19 → tell'er not tuh send any more because .h (0.7)  
 20 → they ↑don't ↑wear them an'I: can't  
 21 → give'm awa:y  
 22 (1.6)  
 23 Mum: Can't give'm away  
 24 Les: Well no:- Yuh see: um (0.4)  
 25 I can't give'm as presents to anybody:  
 26 (0.9)  
 27 Les: Because they've got J.P. Five Hundred  
 28 written all over them  
 29 Mum: Well it's a good adver:t  
 30 (0.5)  
 31 Les: Yeh but ↑nob'ddy wants them uh huh huh .hh  
 32 (0.3)  
 33 Les: eh-u- So: (.) if you ↓can drop her a hin:t  
 34 (0.6)  
 35 Mum: We::ll (.) I'll try:hh  
 36 Les: Ye:s  
 37 (1.2)



1. now tell me about this guy because | I know- I remember now that you told me something about him
2. well just tell me a little bit about your apostolate 'cause | you said to me in your letter...
3. if you could let me have that book back sometime because | I promised it to to Harold
4. actually if you can drop the hint | tell her not to send any more because | they don't wear them...
5. have you got his phone number because | I was gonna ring him the other night to see how he you know

i.e. the phrasing is [request + because] | [account]. However, they could—in principle—have been designed as in Section 4.2, i.e. [request] | [because + account].

In many turns at talk, TCUs, Intonational Phrases, Sentences and Actions are coterminous:

```
[ ---TCU1---- ] [ ---TCU2---- ]
[ ----IP1---- ] [ ----IP2---- ]
[ --action1-- ] [ --action2-- ]
[ ----S1----- ] [ ----S2----- ]
```

However, in Section 4.3, boundaries are shifted so that they are not coterminous:

```
[ ----TCU1----- ] [ ---TCU2----- ]
[ ----IP1----- ] [ ---IP2----- ]
[ action1 ] [ action2----- ]
[ ----S1- ] [ S2----- ]
```

The effect of this is that TCU1 contains more than one (but less than two) actions and more than one (but less than two) sentences. TCU1 projects both more talk by the current speaker and, more precisely, the type of talk to come in relation to TCU1.

Thus prosodic boundaries can be manipulated by speakers to handle particular interactional exigencies.

## 6 Whose phonological fact?

Phonological phrasing is essential to the management of turn-taking and thus also essential to the accomplishment of the (social) actions being done by the talk in those turns. Where syntactic, pragmatic, and phonological boundaries are coterminous, transition from one speaker to another becomes relevant (Ford & Thompson 1996), and speakers thereby manage the building of sequences like request-grant, topic proffer-ratification, and offer-acceptance.

Speakers may manipulate the location of various kinds of boundaries so as to project more talk and thereby manage and regulate turn-taking and the activity sequences being constructed. In this paper, we identify one such practice. Others include:

- word searches and holding turns at places of ‘maximum syntactic control’, such as after (rather than before) prepositions (Schegloff 1996)
- abrupt joins between TCUs within a turn (Local & Walker 2004)
- ‘closure pieces’ which hold a turn when the end of a major syntactic constituent has already been reached (Local & Kelly 1986, Ogden 2001)

Implications for the Grammar:

1. The human production and processing mechanism must attend to the flow of talk in time.
2. The linguistic system must contain units which allow for the construction of orderliness in talk, including notions such as ‘turn’ and ‘sequence’; these are inherently categories of talk-in-interaction.
3. It should therefore not be surprising if language has evolved so as to provide speakers with resources (which, crucially, are patterned, regular and recognisable) to handle a wider range of eventualities than can be elicited e.g. from read or intuited data.
4. It must allow for the concurrent construction and processing of talk in time along several parallel dimensions, including: sequence management, the management of turn-taking, syntax.
5. Prosodic phrasing is a resource used by speakers to solve such problems, and not merely a given of linguistic theory.

...linguistic organisation and storage is based on experience with language where articulation, perception, meaning, and social import are all related intimately.

Bybee (2001: 57)

Interaction and talk-in-interaction are structured environments for action and cognition, and they shape both the constitution of the actions and utterances needing to be ‘cognised’ and the contingencies for solving them.

Schegloff (1991: 168)

## 7 Acknowledgements

This work was carried out as part of the Economic and Social Research Council’s grant Res 00023 0035 *Affiliation and disaffiliation in interaction: language and social cohesion*.

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