

1. Pronouns and cue phrases as evidence for discourse segments, and for the DS's becoming (relatively) inaccessible under certain conditions, suggesting a form of nesting. Example adapted from Sidner [1979].

1(a)

1. Will is a nice guy, but a little clueless.
2. Like, the other day, he bought a book of crosswords for me,
3. but he mailed it book-rate,
4. so it took forever to arrive.
5. Oh, remind me to show you the last puzzle in it sometime—
6. it has these two really fiendish clues you would love.
7. **It took almost three weeks before I finally got it.**

1(b)

1. Will is a nice guy, but a little clueless.
2. Like, the other day, he bought a book of crosswords for me,
3. but he mailed it book-rate,
4. so it took forever to arrive.
5. Oh, remind me to show you the last puzzle in it sometime—
6. it has these two really fiendish clues you would love.
7. **Anyway, it took almost three weeks before I finally got it.**

1(c)

1. Will is a nice guy, but a little clueless.
2. Like, the other day, he bought a book of crosswords for me,
3. but he mailed it book-rate,
4. so it took forever to arrive.
5. Oh, remind me to show you the last puzzle in it sometime—
6. it has these two really fiendish clues you would love.
7. **Anyway, it took almost three weeks before I finally got it.**
8. **They combine to form an anagram of the final answer.**

1(d) These phenomena cannot be completely explained by the presence of the cue phrase “anyway”.

1. Will is a nice guy, but a little clueless.
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4. so it took forever to arrive.
5. Oh, remind me to show you the last puzzle in it sometime—
6. it has these two really fiendish clues you would love.
7. **Anyway, it took almost three weeks before I finally got it.**
8. **Anyway, they combine to form an anagram of the final answer.**

2. The importance of intentions, specifically *discourse segment purposes* and the recognition of DSPs. Example from Grishman [1986, pg. 157].

A1: Do you know when the train to Boston leaves?

B1: Yes.

A2: I want to know when the train to Boston leaves.

B2: I understand.

3. Attentional structure need not match intentional structure. Example appears in Grosz and Sidner [1986] credited to Polanyi and Scha “forthcoming”, although the published versions of Polanyi and Scha that I was able to find give a similar but longer discourse.

3(a) John came by and left the groceries.

3(b) Stop that you kids.

3(c) And I put them away after he left.

References

Ralph Grishman. *Computational linguistics: An introduction*. Cambridge University Press, Cambridge [Cambridgeshire]; New York, 1986. ISBN 0521310385. URL http://books.google.com/books?id=Ar3-TXCYXUkC&printsec=frontcover&dq=computational+linguistics+grishman&source=bl&ots=3EJfIPYSZC&sig=yi2khJEIboNYLICISasUNqhQXzI&hl=en&ei=36FUTcu3BYOclgfS2NTLBw&sa=X&oi=book_result&ct=result&resnum=1&sqi=2&ved=0CBsQ6AEwAA#v=onepage&q&f=false.

Barbara J. Grosz and Candace L. Sidner. Attention, intentions, and the structure of discourse. *Computational Linguistics*, 12:175–204, 7 1986. ISSN 0891-2017. URL <https://www.aclweb.org/anthology/J/J86/J86-3001.pdf>.

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