

Reflections
[incr tsdb()] demo
etc

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Overview

- General reflections
- [incr tsdb()] demo
- AMA
- Definiteness/cognitive status

Reflections

- How does working with this system differ from what we were doing in 566?
- What have you learned about grammar engineering?
- What have you learned about linguistic structure (morphology/syntax/semantics)?
- What have you learned about incremental development?
- What would you say are best practices for developing these grammars?

[incr tsdb()] demo

- I took out a rule. Was it actually doing anything?
 - ex: in-situ in wbl
 - ex: ex-subj, ex-comp, ex-adj in yaq
 - ex: adp-comp-head-rule in ttv
- Other fine-grained exploration

Discourse status: What's that?

- A property of referents, describing their relationship to the common ground of a conversation
- Tends to be reflected syntactically in markers of “definiteness” as well as demonstratives and constraints on the availability of types of NPs in particular constructions.
- Closely related to (but distinct from) information structure
- The binary distinction “definite”/“indefinite” is not sufficient
- Furthermore, discourse status can be broken down into hearer-oriented “cognitive status” and speaker-oriented “specificity”

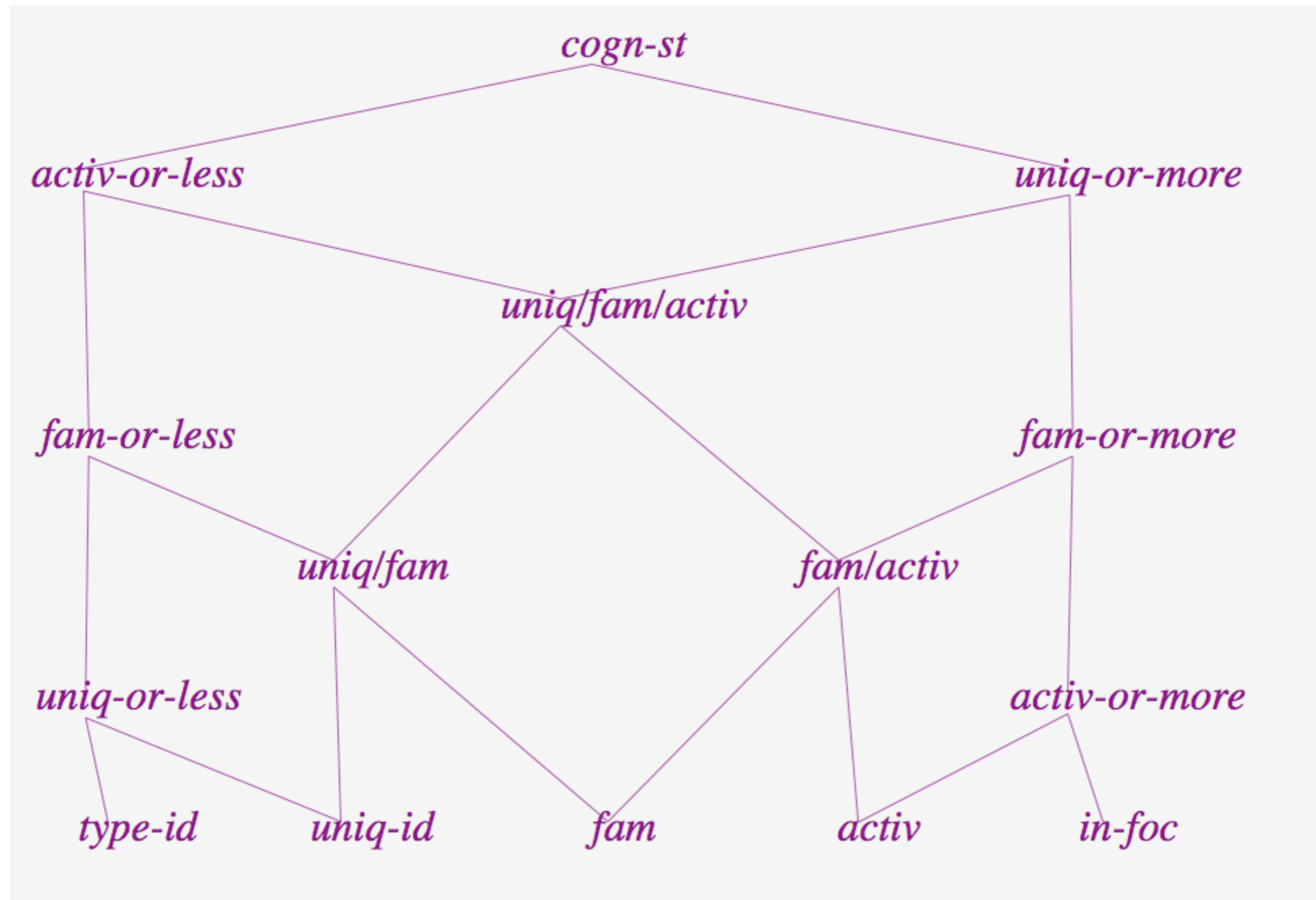
Givenness hierarchy

(Gundel et al 1993, Prince 1981)

Type id <	Referential <	Uniq. id. <	Familiar <	Activated <	In focus
<i>a N</i>	indefinite <i>this N</i>	<i>the N</i>	<i>that N</i>	<i>that, this</i> <i>this N</i>	<i>it</i>

NB: “In focus” \neq focus

Borthen & Haugereid's proposal



Borthen & Haugereid's proposal

SYNSEM.LOC.CONT.REF-PROP

ref-prop

INDEX

ref

PER

per

NUM

num

GEND

gend

COGN-ST

cogn-st

SPECI

bool

PART

bool

UNIV

bool

Borthen & Haugereid's proposal

- SPECI indicates specificity (speaker-oriented)
- Compatible with both “definite” and “indefinite” NPs:
 - *The fastest runner won.*
 - *The next customer will receive a reward.*
 - *I'm looking for a book.*
- Corresponds to overt syntactic phenomena in at least Norwegian (specificity adjectives) and Turkish (accusative case precludes specific interpretation)

Matrix-based proposal

HOOK.INDEX	PNG	PER	<i>person</i>
		NUM	<i>number</i>
		GEN	<i>gender</i>
	COG-ST		<i>cog-st</i>
	SPECI		<i>bool</i>

Optional: if you want to implement this

- Determine what overt marking of cognitive status and/or specificity occurs in your language
- Constrain the COG-ST value of pronouns, demonstratives, articles (if applicable), and any morphology that relates to cognitive status
- Constrain the COG-ST value of dropped arguments