

Closing comments and discussion

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CoPo 2017



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- 3 Semantic formalism

Section 1

The nature of selectional restrictions and the model of the lexicon

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Typed lexical semantics

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- Kinoshita et al. (2017) proof-theoretical approach with with dependent types that feature an underspecified term; selection restrictions are type presuppositions \Rightarrow No type clashes because there is a sort of underspecification in types; proof will not be successful if the term of an appropriate type is not found

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Sense enumeration

- Sæbø & Spalek (to appear): transitive *finish* + entity complements versus *finish* + eventive nominal or with a verbal, gerund phrase complement ⇒ Multiplicity of lexical entries

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- 4 What is computationally more plausible?

Section 2

What and where is coercion?

(Type) coercion, according to Pustejovsky (1995: 111)

- (17) FUNCTION APPLICATION WITH COERCION (FAC): If α is of type c , and β is of type $\langle a, b \rangle$, then,
- (i) if type $c = a$, then $\beta(\alpha)$ is of type b .
 - (ii) if there is a $\sigma \in \Sigma_\alpha$ such that $\sigma(\alpha)$ results in an expression of type a , then $\beta(\sigma(\alpha))$ is of type b .
 - (iii) otherwise a type error is produced.
- (where Σ_α is the set of shifting operators available to expression α)

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Question

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- There is a unified phenomenon of coercion,
- engendered by type clash/repair

A couple of participants of CoPo2017 have presented their view of coercion:

- For Lukassek coercion is a lexically licensed phenomenon that is triggered in predication in case the complement does not meet the predicate's restriction (probably the best known idea of coercion).
- Sutton and Filip show that some coercions are much harder than others (numerical NPs into measure interpretation are difficult but container or a contents interpretation are good)
- Kinoshita, Mineshima & Bekki: predication involves the inferential retrieval of a relation R ; coercion is just what happens when R is something other than identity. Is this the same thing as underspecification?
- Cooper views meaning as in flux and considers coercion not so much a disturbance in the semantic system, but rather a "regularization of available interpretations".

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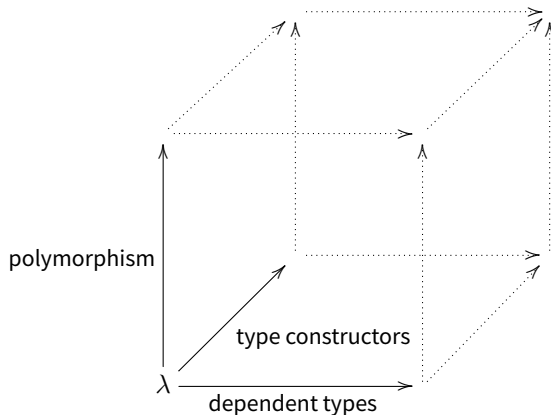
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- 4 Can we possibly come up with an inventory of strictly necessary coercions?

Section 3

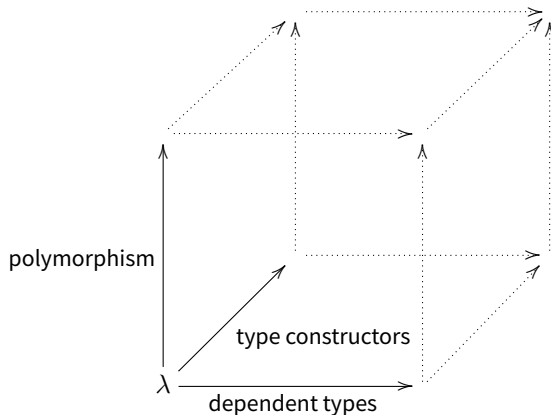
Semantic formalism

What kind of type theory is really needed?



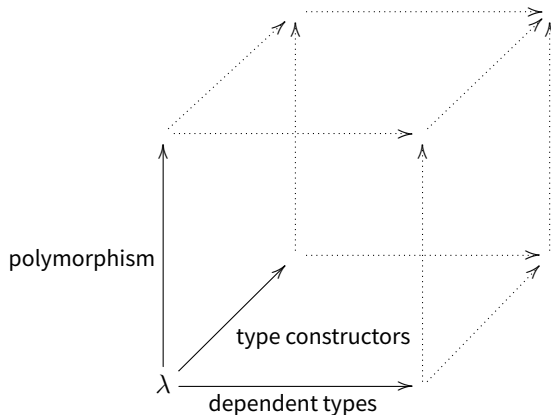
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All three generalization of simple type theory (λ), along with subtyping, have been used in at least one presentation at this workshop. Does that mean we need the whole lambda cube (or tesseract)? Or can the uses of some of these extensions be reduced to others?

Thanks!



BLACK FRIDAY
HELE UKEN!

A graphic featuring the text "BLACK FRIDAY" and "HELE UKEN!" in bold, white, sans-serif capital letters. The text is set against a black background that is part of a larger design with diagonal black and white stripes.

References

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