

Linguistic Type Database Update

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- Updated version of the Lexical Type Database (Hashimoto et al., 2007a,b)
- Generalized in 2014 to handle all types (and some instances)

status	thing	source	ending
type	normal type		
ltype	lexical type	(type and in lexicon)	lt
rule	grammar rule	(LKB::*RULES)	c
lrule	lexical rule	(LKB::*LRULES)	
irule	inflectional rule	(LKB::*LRULES and (inflectional-rule-p id))	

Rules also list number of daughters and head daughter.

Use the new-ish comment field

Originally:

```
; <type val="n_-_c_le">  
; <description>Intransitive count noun (icn)  
; <ex>The dog barked.  
; <nex>  
; <todo>  
; </type>  
n_-_c_le := n_intr_lex_entry.
```

This becomes (ltype-comment):

```
n_-_c_le := n_intr_lex_entry &  
"Intransitive count noun (icn)  
<ex>The dog barked.  
<nex>Much dog bark.".
```

Other Changes

- Integration with grammar catalogue
- Description written in Restructured Text
 - ▶ Allows more flexible formatting
 - ▶ Special macros for positive and negative examples
 - ▶ Special macros for types *
- Scripts written in python
- Source available in github: <https://github.com/fcbond/ltdb>
- Trees and MRS displayed using javascript (like viz-demo) *
- Examples linked to test framework *

* ToDo

Requests

- LKB does not allow comments on instances
- PET does not allow comments at all
Bec wrote the code, but not merged, ...
- No one allows " inside the comment, not even quoted
- Python style doc-strings `""" """` which allow quotes inside would be very welcome
- The fftb links to the type database (slightly hardcoded)
 - ▶ We should have the URL in the METADATA
- It would be good for other tools to do so as well
or at least show the comment

References I

- Chikara Hashimoto, Francis Bond, and Dan Flickinger. 2007a. The lextyp DB: A web-based framework for collaborative multilingual grammar and treebank development. In *First International Workshop on Intercultural Collaboration (IWIC-2007)*, pages 44–58.
- Chikara Hashimoto, Francis Bond, Takaaki Tanaka, and Melanie Siegel. 2007b. Semi-automatic documentation of an implemented linguistic grammar augmented with a treebank. *Language Resources and Evaluation*, 42(2):117–126. URL <http://dx.doi.org/10.1007/s10579-008-9065-9>, (Special issue on Asian language technology).