

Practical Grammar Engineering Using HPSG 4. Tag

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Content

- Subcategorization



The Phenomenon

- Pat relies on Kim. *Some verbs require PPs*
- *Pat relies. *Some verbs require PPs and NPs*
- The child put the toy on the table. *Some verbs require APs*
- *The child put the toy. *Some verbs require S complements*
- The teacher became angry with the students. *Some verbs require PPs and NPs*
- *The teacher became. *Some verbs require APs*
- The jury believed the witness lied. *Some verbs require S complements*

(Examples from Sag/Wasow 1999)

The Valence Feature

- valence-min := avm.

valence := valence-min &
[SUBJ list,
 SPR list,
 COMPS list,
 SPEC list].

Optional Arguments

- Petra isst ein Brot.
 - Petra isst.
 - Hanako ga gohan wo tabeta.
 - Gohan wo tabeta.
 - Hanako ga tabeta.
 - Tabeta.
- Feature OPT bool

Olist: Eine Liste optionaler Argumente

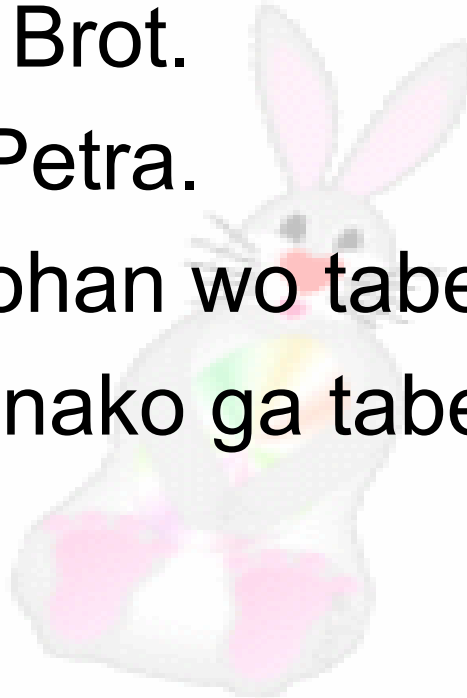
- `olist := list.`

`ocons := olist & cons &
[FIRST unexpressed & [OPT +],
REST olist].`

`onull := olist & null.`

Scrambling

- Petra isst ein Brot.
- Ein Brot isst Petra.
- Hanako ga gohan wo tabeta.
- Gohan wo hanako ga tabeta.



Regeln

- basic-head-comp-phrase
- basic-head-subj-phrase
- basic-head-opt-comp-phrase
- basic-extracted-arg-phrase
- head-initial
- head-final