

A Hungarian resource grammar for GF

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Implementing the Hungarian resource grammar for GF

Current status

- ▶ Some preliminary work has been done at the University of Malta in 2012.
- ▶ Project for the Summer School 2013: Start by implementing `MiniresourceHun.gf` (incomplete)
- ▶ No closely related languages available, but typological similarities to many RGL languages

Morphonology: Vowel harmony

(széken 'on the chair', ágyon 'on the bed', földön 'on the floor')

```
param Harm = H_a | H_e | H_oe ;
```

```
oper
```

```
harm3 : Str -> Str -> Str -> HarmForms =  
  \a,e,o -> <a,e,o> ;
```

```
harm : Str -> Str -> HarmForms =  
  \a,e -> harm3 a e e ;
```

```
harm1 : Str -> HarmForms = \i -> harm3 i i i ;
```

Morphology: Nouns

Nouns are inflected by 2 numbers, 18 cases, and possessivity (possession is marked on the possessum, not the possessor, except in predicative constructions (cf. *this book is mine*)).

Noun type in GF

Noun : Type =
{s : Number => Case => Possessivity => Str}

Suffix order

szék + e + i + d + en
chair + + Pl + Px2Sg + Sup
'on your chairs'

Morphosyntax: Verbs

Verbs are inflected by

- ▶ 2 tenses (+ analytically formed future)
- ▶ 3 moods (indicative, conditional, subjunctive),
- ▶ aspect (usually expressed with derivational affixes)
- ▶ objective/definite conjugation [and 2 diatheses, but the passive voice is not used]

Morphosyntax: Objective/definite conjugation

The verb takes a marker (Px) if there is a definite direct object.

- ▶ lát**ok** egy széket 'I see a chair'
- ▶ lát**om** a széket 'I see the chair'
- ▶ ül**ök** a széken 'I am sitting on the chair'

```
ComplV2 v2 np = {  
  v = agrV v2 np.definiteness ;  
  compl = \\a => np.s ! Acc} ;
```

Work for the near and far future

- ▶ Make paradigms smarter (vowel harmony, sound assimilation/deletion)
- ▶ Add possessivity marking to nouns
- ▶ Better paradigms for verbs
- ▶ Syntax
- ▶ ...