



UNIVERSITY OF
GOTHENBURG

The Resource Grammar Library and API

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GF Summer School 2025

SPRÅKBANKEN TEXT

About me

- ▶ using GF since about 2013
- ▶ GF summer schools 2013 (Fraunchiemsee), 2015 (Gozo), 2017 (Riga), 2021 (Singapore, remote), 2023 (Tampere)
- ▶ Teaching assistant “Computational Syntax” for three years

Repetition

Resource grammar

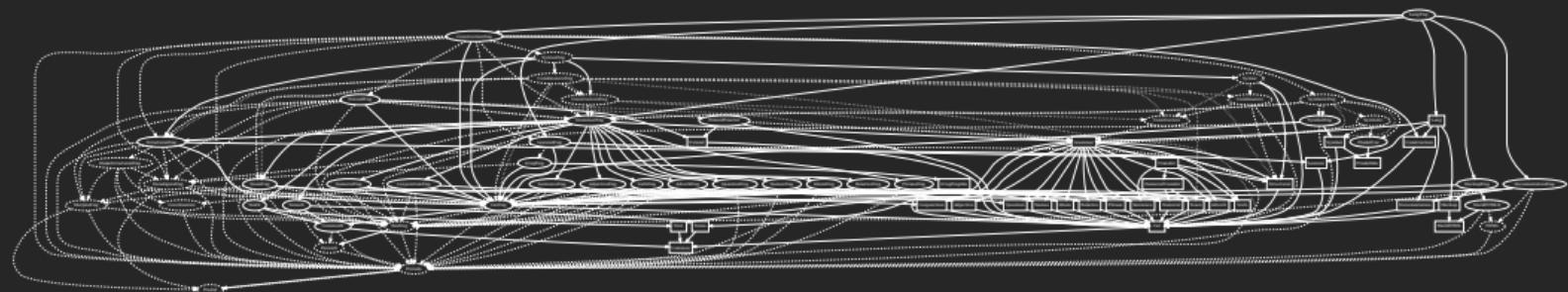
Usually more syntactic

Application grammar

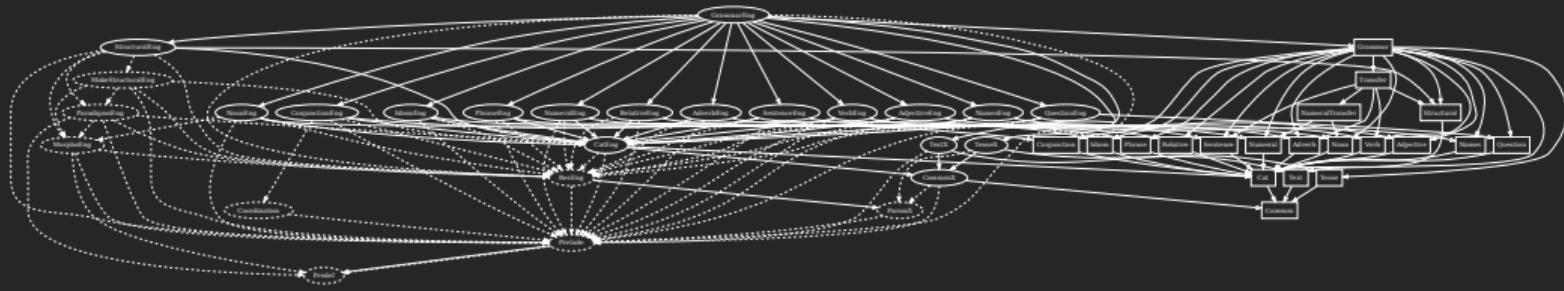
Usually more semantic

Resource Grammar Library

Full RGL



Grammar module



Implementation

- ▶ Approach 1: Extend Micro/Mini grammar
- ▶ Approach 2: Skeleton template:
<https://github.com/daherb/gf-rgl-template> or <https://github.com/GrammaticalFramework/gf-rgl/tree/master/src/TEMPLATE>
- ▶ Following the internal abstract syntax
(<https://www.grammaticalframework.org/lib/doc/absfun.html>) or
“error-driven development”

Application grammars and API

RGL API

<https://www.grammaticalframework.org/lib/doc/synopsis/index.html>

Using the RGL

Simple extension

Let's extend a grammar and add some Chomsky nonsense (see *cgi* directory)

Inari's application

Let's make it simpler using the API (left as an exercise)

Project presentations

- ▶ two presentations: proposal tomorrow and results on next Friday
- ▶ between 5 and 10 minutes, nothing fancy (slides for proposal optional, slides for final presentation would be great (see previous years))
- ▶ required for all who want to get credits

Excursion on Saturday

Remfabriken



Saturday 23rd, 3 pm