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Transducer for Sindarin

Sindarin

- Fictional language invented by Tolkien
- Only partially documented
- Devoted research community

Why Sindarin

- Scope of project is small, can focus on some linguistic particularities:
 - plurals (particularly easy)
 - mutations (particularly challenging)

Plurals & Mutations in Sindarin

- Plurals use vowel shifts
 - *adan* → *edhain*, *edhel* → *edhil*, *orch* → *yrch*
- Mutations
 - *calad* → *i galad*, *giliath* → *nu ngiliath*

Technical Notes

- There is a word list in XML (if I can get it), otherwise I can parse HTML
- Besides that, straight forward XFST as done in the lecture