Project Proposal

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Rule-based morphological parser for Shughni language: nouns, verbs and adjectives

Contents

Alphabet testing page
Consonant = б в w г ғ ǧ ў д δ ж з ʒ й к қ л м н п р с т θ ф х ӽ ҳ ц ч ш ҷ ;
Vowel = а ā е ê и ӣ о у ӯ ӯ ;

1 Abstract

Automatic morphological analysis is one of the core tasks of computational linguistics. Shughni language, being a minority language, is one of the languages that doesn't have such essential tools. In this paper I propose a rule-based morphological analysis tool for Shughni language based on Helsinki Finite-State Technology (HFST). The tool set is planned to contain two types of tools: a morphological parser, that breaks word-forms into stems and morphemes and assigns morphological tags to each one of them, and a morphological generator, that outputs word-forms taking stems and morphological tags as an input. This project aims to cover at least three main parts of speech: nouns, verbs and adjectives. **TODO: Extend the abstract and review it later**

2 Introduction

I think this will have a great impact on the evolution of right wing umbrellas. The scope of this literature suggests that fillers will fill every fillable filling there is to fill.

3 Literature review

4 Methods

5 Expected outcomes

6 Conclusions

7 Discussion and future

8 References