



Armenian  
in  
Computational  
Linguistics

By Vachagan Gratian



# Applications of NLP

Spell-checkers

Information extraction and retrieval

Sentiment analysis

Machine conversation

Machine translation

# “Core” NLP tasks

Tokenization

Lemmatization

POS-tagging

Named-entity recognition

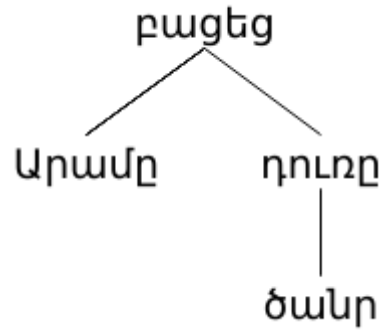
Parsing

Fly over the boat  
with the red bow.

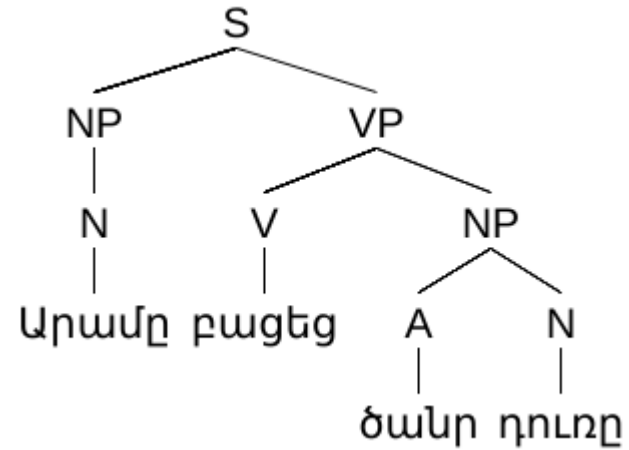


# Syntactic models

Dependency tree



Constituency tree



# Armenian NLP projects

Arak29

Translator.am

Eastern Armenian National Corpus

Armenian Dependency Parser and Treebank Project