

# Projection in Parsing

## Example

Barack Obama won the US presidential elections

Barack/NNP Obama/NNP won/VBD the/DT US/NNP presidential/J elections/NNS



## Requirements

- Transfer rules
- Bilingual Dictionary

## Procedure

- Use the transfer rules to modify the parse tree
- Then using the bilingual dictionary find the corresponding words at the leaves

## Challenges

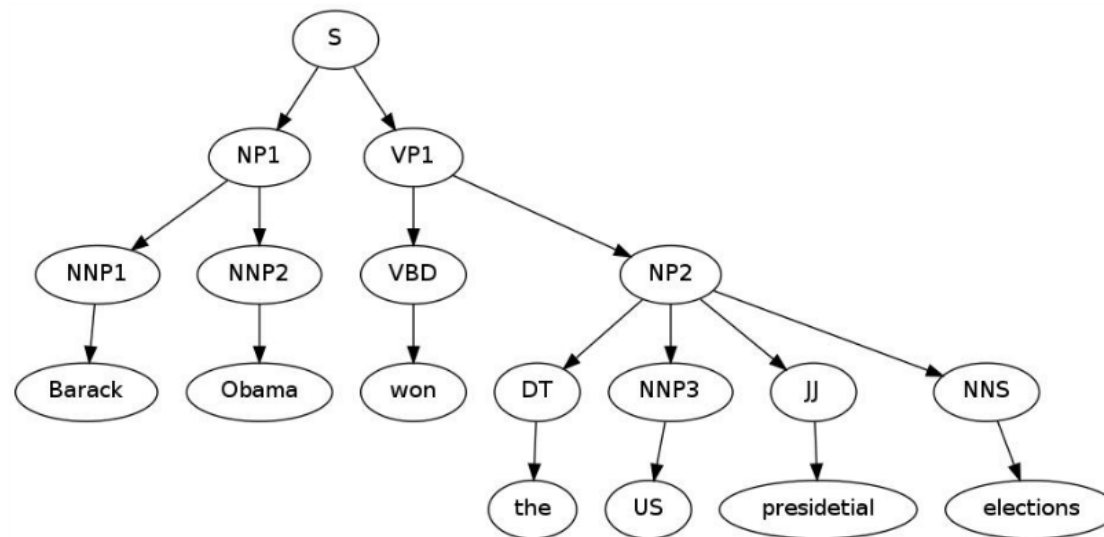
- Combination of words
- Absence of certain POS tags in other language
- Availability of Transfer rules

Jayaprakash S  
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# Example

Barack Obama won the US presidential elections

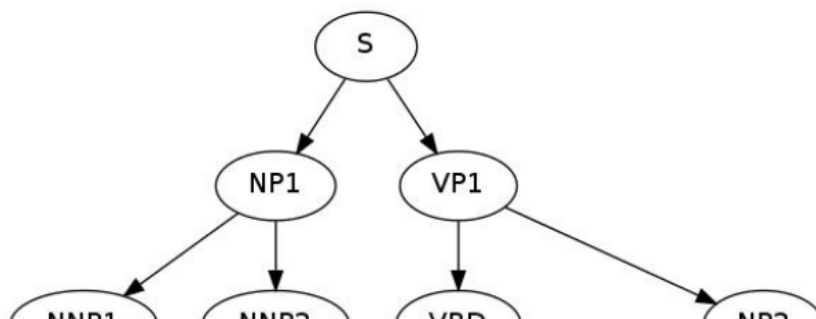
Barack/NNP Obama/NNP won/VBD the/DT US/NNP presidential/JJ elections/NNS



# Example

Barack Obama won the US presidential elections

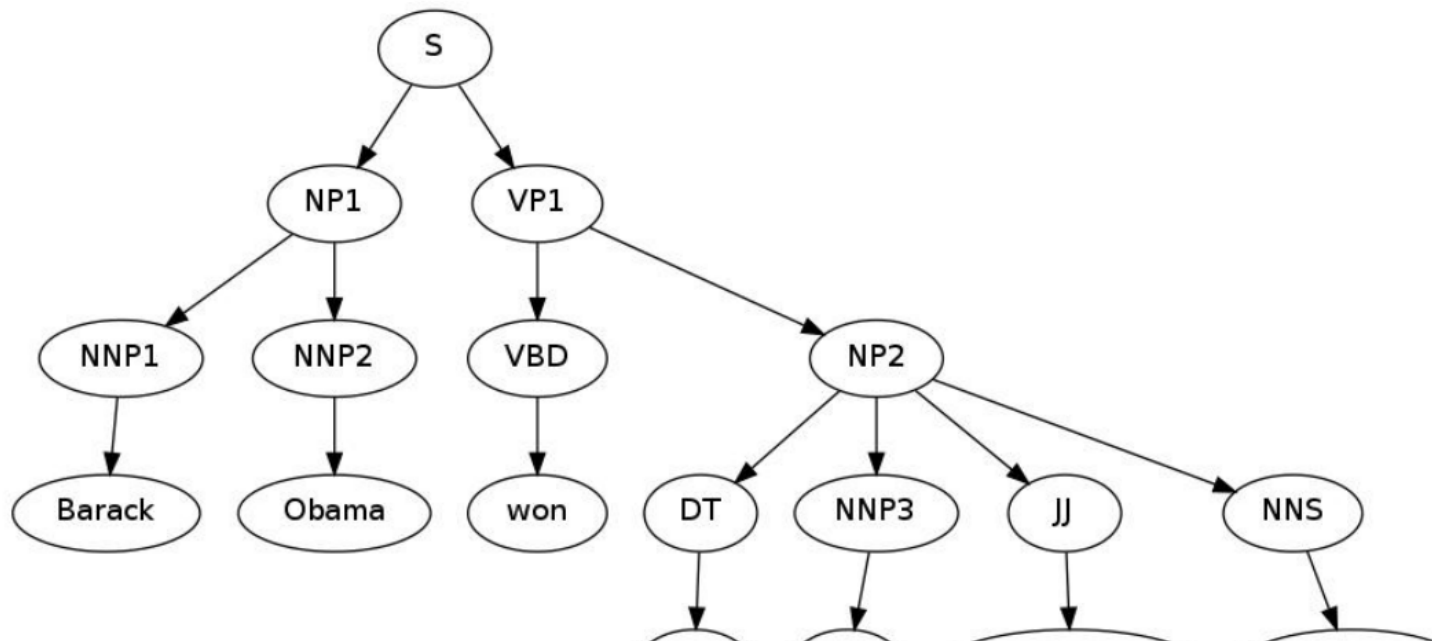
Barack/NNP Obama/NNP won/VBD the/DT US/NNP presidential/JJ elections/NNS



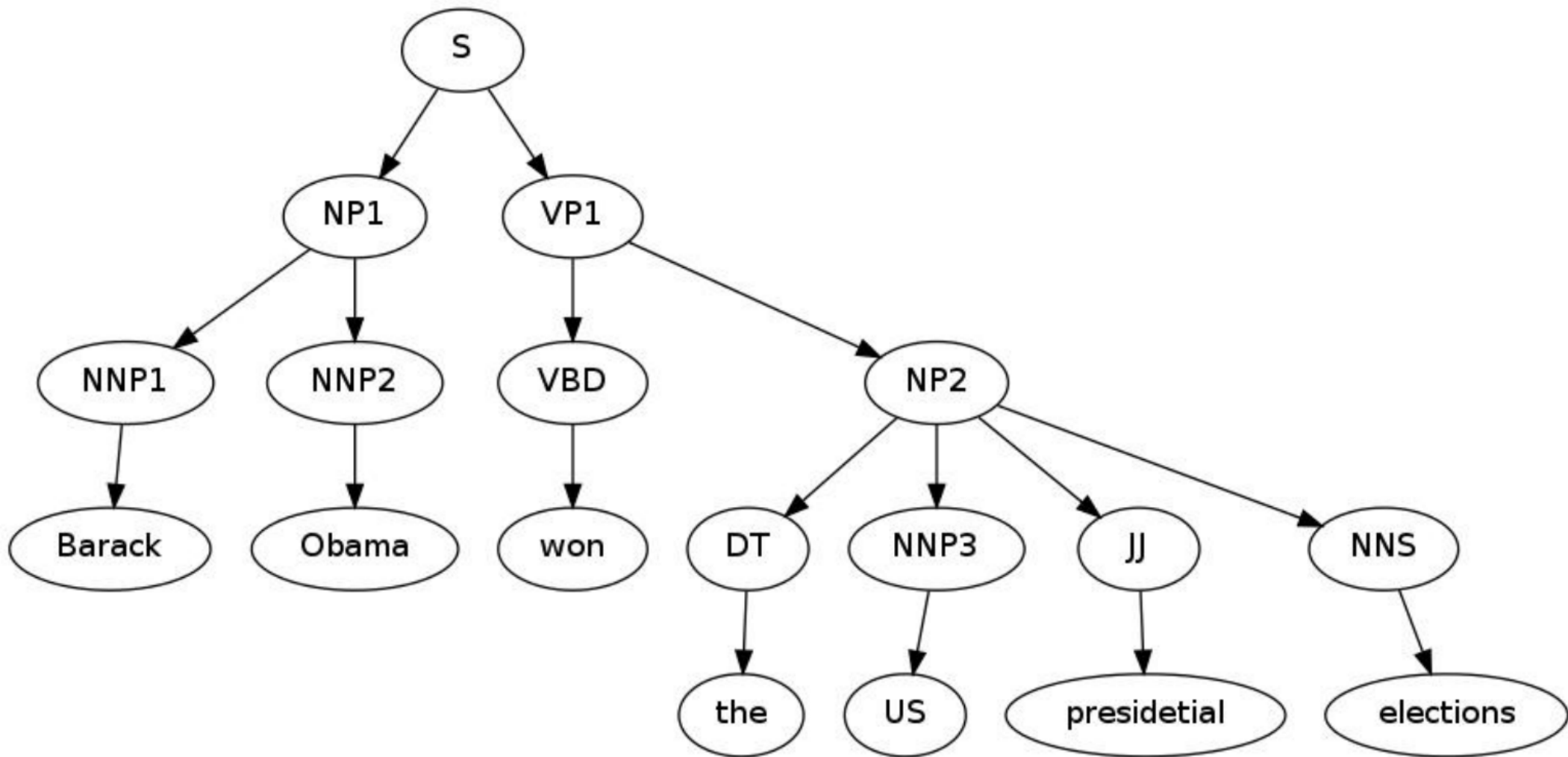
# Example

Barack Obama won the US presidential elections

Barack/NNP Obama/NNP won/VBD the/DT US/NNP presidential/JJ elections/NNS



NP Obama/NNP won/VBD the/DT US/NNP presidential/JJ elections/N





Nikhilkumar jadhav

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From: English - detected



To: Hindi

Translate

English Spanish French English - detected

Barack Obama won the US presidential elections



Spanish English Hindi

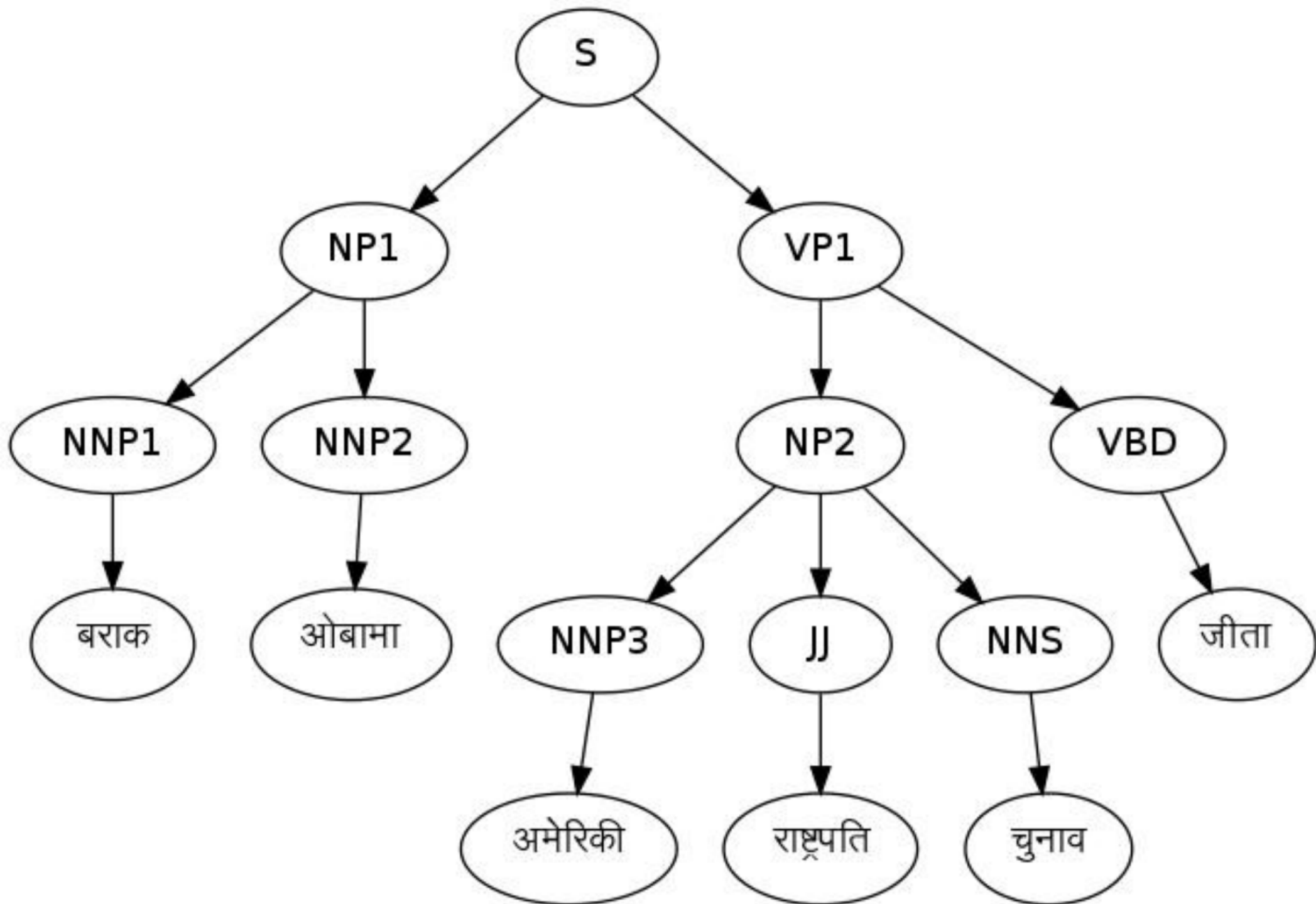
बराक ओबामा अमेरिकी राष्ट्रपति चुनाव जीता



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