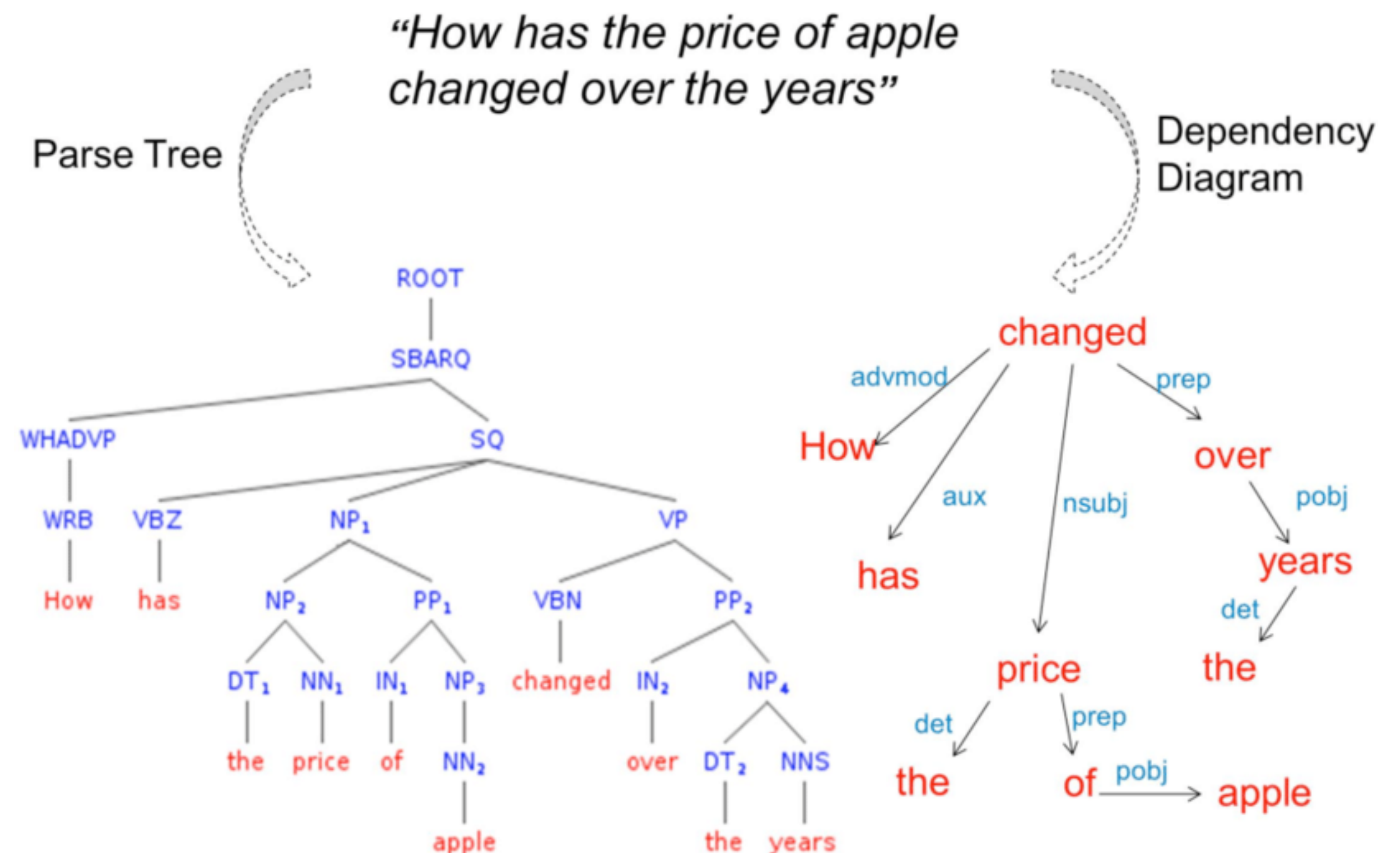


NLU pre 2010

- **Based on syntactic parsing**
 - Maps text to a structured representation, or logical form, over which rules-based and/or probabilistic reasoning can be conducted to achieve some task
 - Relies on POS tagging, which are annotations of words in a sentence with their syntactic roles
 - Not robust to variations in raw input!

Notable successes

- Eliza (1966)
- IBM Watson (2011)



Parts of speech (POS)

Noun	names	girl, dog, prestige
Verb	Action	swim, become
Pronoun	Used for noun	I, you, we, they
Adverb	Modifies V, Adj, Adv	happily, extremely
Adjective	Modifies noun	sad, clever
Conjunction	Joins two things	and, but, while, whereas
Preposition	Relation of noun	to, from, into
Interjection	An outcry	ouch, oh, alas