
Phase 1:

Test: The mighty hero fights the dragon in the dark forest.

Tokens:

The <Determiner>
mighty <Adjective>
hero <Noun>
fights <Verb>
the <Determiner>
dragon <Noun>
in the dark forest <Location>
. <Unknown>

Test: A brave old knight who rescues villager rides.

Tokens:

A <Determiner>
brave <Adjective>
old <Adjective>
knight <Noun>
who <RelativeClause>
rescues <Verb>
villager <Noun>
rides <Verb>
. <Unknown>

Test: The wizard discovers treasure in the cave.

Tokens:

The <Determiner>
wizard <Noun>
discovers <Verb>
treasure <Noun>
in <Preposition>
the <Determiner>
cave. <Unknown>

Test: The princess holds the sword quickly.

Tokens:

The <Determiner>
princess <Noun>
holds <Verb>
the <Determiner>
sword <Noun>
quickly <Adverbial>
. <Unknown>

Test: The brave knight protects the wizard quickly

Tokens:

The <Determiner>

brave <Adjective>

knight <Noun>

protects <Verb>

the <Determiner>

wizard <Noun>

quickly <Adverbial>

Test: The brave hero fights THE dragon in the dark forest

Tokens:

The <Determiner>

brave <Adjective>

hero <Noun>

fights <Verb>

THE <Determiner>

dragon <Noun>

in the dark forest <Location>

Test: Hello, World!

Tokens:

Hello, <Unknown>

World! <Unknown>

Test: Viva Mapua

Tokens:

Viva <Unknown>

Mapua <Unknown>

Test: The Brave Viva Mapua

Tokens:

The <Determiner>

Brave <Adjective>

Viva <Unknown>

Mapua <Unknown>

Phase 2:

Test: The mighty hero fights the dragon in the dark forest.

<Story>

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=> <Sentence>
=> <SimpleSentence>
=> <Subject> <VerbPhrase> <Extra>
=> <NounPhrase> <VerbPhrase> <Extra>
=> <Determiner> <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "The" <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "The" <Adjective> <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "The" "mighty" <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "The" "mighty" <Noun> <VerbPhrase> <Extra>
=> "The" "mighty" "hero" <VerbPhrase> <Extra>
=> "The" "mighty" "hero" <Verb> <Object> <Extra> <Extra>
=> "The" "mighty" "hero" "fights" <Object> <Extra> <Extra>
=> "The" "mighty" "hero" "fights" <NounPhrase> <Extra> <Extra>
=> "The" "mighty" "hero" "fights" <Determiner> <AdjectiveList> <Noun> <Extra> <Extra>
=> "The" "mighty" "hero" "fights" "the" <AdjectiveList> <Noun> <Extra> <Extra>
=> "The" "mighty" "hero" "fights" "the" <Noun> <Extra> <Extra>
=> "The" "mighty" "hero" "fights" "the" "dragon" <Extra> <Extra>
=> "The" "mighty" "hero" "fights" "the" "dragon" <Location> <Extra>
=> "The" "mighty" "hero" "fights" "the" "dragon" "in the dark forest" <Extra>
=> "The" "mighty" "hero" "fights" "the" "dragon" "in the dark forest"
e = e = .

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Test: A brave old knight who rescues villager rides.

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<Story>
=> <Sentence>
=> <SimpleSentence>
=> <Subject> <VerbPhrase> <Extra>
=> <NounPhrase> <VerbPhrase> <Extra>
=> <Determiner> <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "A" <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "A" <Adjective> <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "A" "brave" <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "A" "brave" <Adjective> <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "A" "brave" "old" <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "A" "brave" "old" <Noun> <VerbPhrase> <Extra>
=> "A" "brave" "old" "knight" <VerbPhrase> <Extra>
e = Expected verb at position 4

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Test: The wizard discovers treasure in the cave.

<Story>

=> <Sentence>
 => <SimpleSentence>
 => <Subject> <VerbPhrase> <Extra>
 => <NounPhrase> <VerbPhrase> <Extra>
 => <Determiner> <AdjectiveList> <Noun> <VerbPhrase> <Extra>
 => "The" <AdjectiveList> <Noun> <VerbPhrase> <Extra>
 => "The" <Noun> <VerbPhrase> <Extra>
 => "The" "wizard" <VerbPhrase> <Extra>
 => "The" "wizard" <Verb> <Object> <Extra> <Extra>
 => "The" "wizard" "discovers" <Object> <Extra> <Extra>
 => "The" "wizard" "discovers" <NounPhrase> <Extra> <Extra>
 => "The" "wizard" "discovers" <Noun> <Extra> <Extra>
 => "The" "wizard" "discovers" "treasure" <Extra> <Extra>
 => "The" "wizard" "discovers" "treasure" <Extra>
 => "The" "wizard" "discovers" "treasure"
 e = e = in the cave.

Test: The princess holds the sword quickly.

<Story>
 => <Sentence>
 => <SimpleSentence>
 => <Subject> <VerbPhrase> <Extra>
 => <NounPhrase> <VerbPhrase> <Extra>
 => <Determiner> <AdjectiveList> <Noun> <VerbPhrase> <Extra>
 => "The" <AdjectiveList> <Noun> <VerbPhrase> <Extra>
 => "The" <Noun> <VerbPhrase> <Extra>
 => "The" "princess" <VerbPhrase> <Extra>
 => "The" "princess" <Verb> <Object> <Extra> <Extra>
 => "The" "princess" "holds" <Object> <Extra> <Extra>
 => "The" "princess" "holds" <NounPhrase> <Extra> <Extra>
 => "The" "princess" "holds" <Determiner> <AdjectiveList> <Noun> <Extra> <Extra>
 => "The" "princess" "holds" "the" <AdjectiveList> <Noun> <Extra> <Extra>
 => "The" "princess" "holds" "the" <Noun> <Extra> <Extra>
 => "The" "princess" "holds" "the" "sword" <Extra> <Extra>
 => "The" "princess" "holds" "the" "sword" <Adverbial> <Extra>
 => "The" "princess" "holds" "the" "sword" "quickly" <Extra>
 => "The" "princess" "holds" "the" "sword" "quickly"
 e = e = .

Test: The brave knight protects the wizard quickly

```

<Story>
=> <Sentence>
=> <SimpleSentence>
=> <Subject> <VerbPhrase> <Extra>
=> <NounPhrase> <VerbPhrase> <Extra>
=> <Determiner> <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "The" <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "The" <Adjective> <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "The" "brave" <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "The" "brave" <Noun> <VerbPhrase> <Extra>
=> "The" "brave" "knight" <VerbPhrase> <Extra>
=> "The" "brave" "knight" <Verb> <Object> <Extra> <Extra>
=> "The" "brave" "knight" "protects" <Object> <Extra> <Extra>
=> "The" "brave" "knight" "protects" <NounPhrase> <Extra> <Extra>
=> "The" "brave" "knight" "protects" <Determiner> <AdjectiveList> <Noun> <Extra> <Extra>
=> "The" "brave" "knight" "protects" "the" <AdjectiveList> <Noun> <Extra> <Extra>
=> "The" "brave" "knight" "protects" "the" <Noun> <Extra> <Extra>
=> "The" "brave" "knight" "protects" "the" "wizard" <Extra> <Extra>
=> "The" "brave" "knight" "protects" "the" "wizard" <Adverbial> <Extra>
=> "The" "brave" "knight" "protects" "the" "wizard" "quickly" <Extra>
=> "The" "brave" "knight" "protects" "the" "wizard" "quickly"

```

Test: The brave hero fights THE dragon in the dark forest

```

<Story>
=> <Sentence>
=> <SimpleSentence>
=> <Subject> <VerbPhrase> <Extra>
=> <NounPhrase> <VerbPhrase> <Extra>
=> <Determiner> <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "The" <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "The" <Adjective> <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "The" "brave" <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "The" "brave" <Noun> <VerbPhrase> <Extra>
=> "The" "brave" "hero" <VerbPhrase> <Extra>
=> "The" "brave" "hero" <Verb> <Object> <Extra> <Extra>
=> "The" "brave" "hero" "fights" <Object> <Extra> <Extra>
=> "The" "brave" "hero" "fights" <NounPhrase> <Extra> <Extra>
=> "The" "brave" "hero" "fights" <Determiner> <AdjectiveList> <Noun> <Extra> <Extra>
=> "The" "brave" "hero" "fights" "THE" <AdjectiveList> <Noun> <Extra> <Extra>
=> "The" "brave" "hero" "fights" "THE" <Noun> <Extra> <Extra>
=> "The" "brave" "hero" "fights" "THE" "dragon" <Extra> <Extra>
=> "The" "brave" "hero" "fights" "THE" "dragon" <Location> <Extra>

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=> "The" "brave" "hero" "fights" "THE" "dragon" "in the dark forest" <Extra>
=> "The" "brave" "hero" "fights" "THE" "dragon" "in the dark forest"

Test: Hello, World!

<Story>
=> <Sentence>
=> <SimpleSentence>
=> <Subject> <VerbPhrase> <Extra>
=> <NounPhrase> <VerbPhrase> <Extra>
e = Expected noun phrase at position 0

Test: Viva Mapua

<Story>
=> <Sentence>
=> <SimpleSentence>
=> <Subject> <VerbPhrase> <Extra>
=> <NounPhrase> <VerbPhrase> <Extra>
e = Expected noun phrase at position 0

Test: The Brave Viva Mapua

<Story>
=> <Sentence>
=> <SimpleSentence>
=> <Subject> <VerbPhrase> <Extra>
=> <NounPhrase> <VerbPhrase> <Extra>
=> <Determiner> <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "The" <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "The" <Adjective> <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "The" "Brave" <AdjectiveList> <Noun> <VerbPhrase> <Extra>
=> "The" "Brave" <Noun> <VerbPhrase> <Extra>
=> "The" "Brave" "Viva" <VerbPhrase> <Extra>
e = Expected verb at position 3