

a. The dog saw John in the park

Parts of speech tagger:

The : DT

Dog: NN

Saw: VBD

John : NNP

In : IN

The: DT

Park: NN

Named entity recognizer (NER)

John : person

Coreference:

Not possible because it is single sentence

b. The little bear saw the fine fat trout in the rocky brook.

Parts of speech tagger:

The: DT

Little: JJ

Bear: NN

Saw: VBD

The : DT

Fine: JJ

Fat: JJ

Trout: NNS

In: in

The: DT

Rocky: JJ

Brook: NN

Named entity recognizer (NER)

Nothing I recognized

Coreference:

Not possible because it is single sentence