

Ontology execution outputs:

Reading POS tagger model from edu/stanford/nlp/models/pos-tagger/english-left3words/english-left3words-distsim.tagger ... done [1.0 sec].

root

```
|-- location: string (nullable = true)
|-- docs: string (nullable = true)
|-- rawTokens: array (nullable = true)
|   |-- element: string (containsNull = true)
|-- tokens: array (nullable = true)
|   |-- element: string (containsNull = true)
|-- features: vector (nullable = true)
|-- idfFeatures: vector (nullable = true)
```

Corpus summary:

```
Training set size: 2 documents
Vocabulary size: 13 terms
Training set size: 15 tokens
Preprocessing time: 0.558577732 sec
```

Finished training LDA model. Summary:

```
Training time: 4.352653153 sec
Training data average log likelihood: -20.115197054435626
```

3 topics:

```
president win usa election state currently majority female clinton lead opposition trump virtue
usa win president virtue trump opposition lead majority female currently clinton election state
usa win president clinton state lead currently election female majority virtue trump opposition
0.0
0.0
0.0
```

SparkNaiveBayes



holds ...

Ontology Created

Process finished with exit code 0

Election.java is where we write code for generating our ontology using the classes mentioned in the spark program using naïve Bayes algorithm

