Information Extraction of Seminars – Report

Entity Tagging

Tagging Times

Tagging Speakers

Tagging Locations

Tagging Sentences and Paragraphs

Evaluation  
All measures are given to 4 significant figures.

All 184 Text Files

Speaker Accuracy: 11.59

Location Accuracy: 46.87

Start Time Accuracy: 15.55

End Time Accuracy: 60.87

Sentence Accuracy:

Paragraph Accuracy:

Overall Accuracy: 13.13

Overall Precision: 17.90

Overall Recall: 30.22

Overall F measure: 0.0

First 92 Text Files

Speaker Accuracy: 9.196

Location Accuracy: 57.01

Start Time Accuracy: 14.76

End Time Accuracy: 45.65

Sentence Accuracy:

Paragraph Accuracy:

Overall Accuracy: 12.56

Overall Precision: 17.07

Overall Recall: 28.44

Overall F measure: 0.0

Last 92 Text Files

Speaker Accuracy: 13.98

Location Accuracy: 36.72

Start Time Accuracy: 16.33

End Time Accuracy: 76.09

Sentence Accuracy:

Paragraph Accuracy:

Overall Accuracy: 13.70

Overall Precision: 18.72

Overall Recall: 32.00

Overall F measure: 0.0

Ontology Construction

Future Improvements

I found myself spending more time working on entity tagging then ontology construction. If I were to re-do this assignments I’d ensure I split my time more equally between the two tasks.