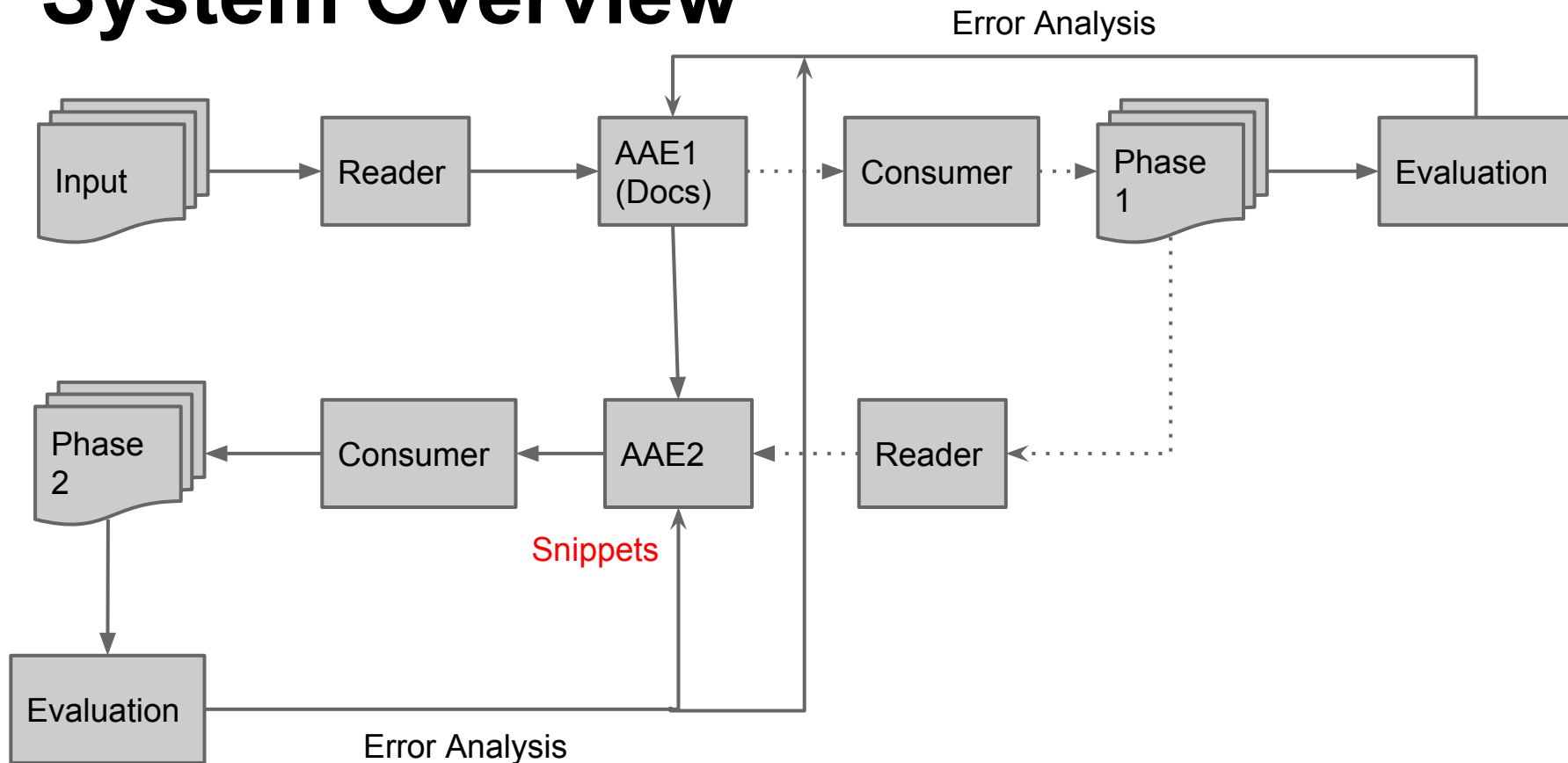


11-791 Project

Team 07 - Team HOLa

Hao Zhang
Oleg Iskra
Lara Martin

System Overview



Hao

Done:

Triple Retrieval

To Do:

Work on Snippets

Prune stop words in retrieval keywords

Oleg

DONE

Concept retrieval from resources:

- <http://nlm.nih.gov>
- <http://disease-ontology.org>
- <http://uniprot.org>
- <http://biosemantics.org>
- <http://amigo.geneontology.org>

Sorted by internal score. Pretty good relevance!

Oleg

NEEDS TO BE DONE

1. Concept retrieval not only for the complete phrases but also for the chunks and single terms
2. Using Continuous Space Word Vectors
Obtained by Applying Word2Vec to
Abstracts of Biomedical Articles from <http://bioasq.lip6.fr/tools/BioASQword2vec/>

Lara

Done:

Evaluation metrics calculated for docs, concepts, and triples

Basic document retrieval from PubMed

To Do:

Evaluation for snippets and combine evaluation metric code to work with generic objects

Results

	MAP	GMAP ($\epsilon = 0.1$)
Concept	0.1954	0.1673
Document	0.0110	0.1067
Triple	0.0	0.0

Go Team!

Continue Monday and Friday meetings
Separate branches