

## 02/11 Group study.

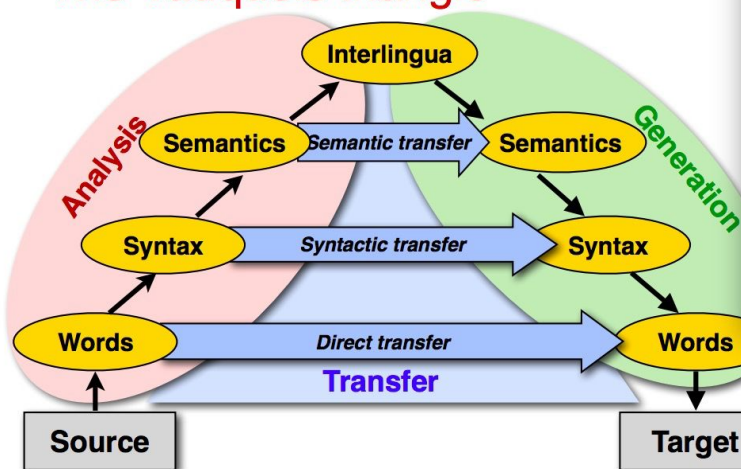
Attendance: Yingjun Guan, Liri Fang, Mengfei Lan, Yixing Hu, Yiren Liu, Xiaoliang Jiang, Lan Li

1. Self introduction.
2. <http://phontron.com/class/nn4nlp2020/description.html>
3. L1 revision. (<http://phontron.com/class/nn4nlp2020/assets/slides/nn4nlp-01-intro.pdf>)
4. L2 revision.
5. Phenomena to Handle
  - a. **Morphology** eg. go/goed
  - b. **Syntax** 句法？
    - i. 主谓宾顺序？
    - ii. 主谓宾缺失？
  - c. **Semantics/World Knowledge**: eg. The store went to Jane.
  - d. **Discourse**:
    - i. 1. 远距离？答非所问？Q：吃了啥 A:管老师好
    - ii. 2. 代词？
  - e. **Pragmatics**

**Pragmatic Analysis** is part of the process of extracting information from text. Specifically, it's the portion that focuses on taking structures set of text and figuring out what the actual meaning was. It actually comes from the field of linguistics (as a lot of **NLP** does), where the context is considered from the text. → google search

[dictionary]: the branch of linguistics dealing with language in use and the contexts in which it is used, including such matters as deixis, the taking of turns in conversation, text organization, presupposition, and implicature.
  - f. Multilinguality

## The Vauquois triangle



Lanjie 提到的三角形

Liri Fang: dialect → ?

Xiaoliang: 我就来记几个专业名词

1. Sentence Classification
2. Computation Graphs
3. Forward propagation; backward propagation.
4. Keras
5. AutoGrad
- 6.

BOW vs CBOW vs deepCBOW

6. Study plan in future:

Time: Tuesday, Thursday 3:30-4:40pm

<https://github.com/uiuc-dm-group/DMRG-20SP>

第三课 : CNN for text

- 视频 [学习](#)

- 浏览 [课件](#)

- 阅读材料 Goldberg's NNM4NLP [Chap13](#)

- 如果你对n-gram, CNN, structured convolution, CNN visualization的基础知识不很了解, 请移步 [这里的其他资源](#)