Python for Text Analysis 2018-2019

Lecture 13: Discussing Assignment 4 + Exam Preparation
10-12-2018

You made it!

Just take a brief moment to think about 6 weeks ago...

...appreciate how far you have come and now keep on improving your programming skills!

Goals for today

- **Before the break:**
  - Assignment 4a
- **After the break:**
  - Assignment 4b
  - Introduction to the exam: how to prepare?

Assignment 4b: End Goal

```
1   accord  _   _
2   to  _   _
3   golf    _   _
4   writer  _   _
5   O.B.    (PERSON _
6   Keeler  PERSON) _
7   's  _   _
8   newspaper   _   _
9   account _   _
10  ,   _   _
11  Gene    (PERSON http://dbpedia.org/resource/Gene_Sarazen
12  Sarazen PERSON) http://dbpedia.org/resource/Gene_Sarazen
13  have    _   _
14  a   _   _
15  premonition _   _
16  on  _   _
17  the _   _
18  14th    _   _
19  hole    _   _
20  in  _   _
21  1935    _   _
22  .   _   _
```

```
11  Gene    (PERSON http://dbpedia.org/resource/Gene_Sarazen
12  Sarazen PERSON) http://dbpedia.org/resource/Gene_Sarazen
```

Assignment 4b: The Steps

1. Get all entities from the NAF file
2. For each entity, get:
   - ➢ entity type (LOCATION, PERSON, ORGANIZATION, MISC)
   - ➢ dbpedia link with highest confidence
   - ➢ Identifiers of the terms (words that together form the entity)
3. For each of the terms of the entity, get:
   - ➢ the corresponding lemma
   - ➢ its position in the entity
     - (PERSON start
     - PERSON) end
     - (PERSON) start_and_end
     - PERSON middle
4. Put all information together and write to CoNLL file (TSV)

Exam

- Scheduled on **Monday 17 December from 08:45 - 11:30 in MF-FG2**
- It's a **written** exam **on paper**
  - But don't worry, if you were able to keep up with the assignments, the exam should be relatively easy :-)
  - We'll only test your **basic knowledge** of Python
- **Preparation:**
  - Go through **all Chapters** again and make sure you understand all concepts mentioned there
  - Practice with the **exams from previous years** in the Exams folder https://github.com/cltl/python-for-text-analysis/tree/master/Exam
  - The ones from last year (2017-2018) are the **most representative**

This Thursday

- **Q&A session** for the Exam
  - You can also send us your questions/requests before class

- Introduction of **Final Assignment**
  - Only for **9 ECTS students** (please be there!)