

MAPI AIE

2017-2018

Assessment

- Based in project(s)
- Create a concrete application of Information Extraction based in rich NLP processing
- Divided in several stages/Assignments

Assignment #1

- Choice and definition of the proof-of-concept application to develop, including:
 - Topic
 - Language
 - Source for documents
 - Main entities
 - Some questions to answer

To be presented and discussed **12 December**

- A PPT will be necessary

Example (last year)

Target Application	Searching for cultural events in small towns , before occurrence	
Example of question to answer	theater next week ? Events: concerts, festivals, movies ..	
Language	Portuguese	mandatory
Pipeline modules	Extract from PDF ?; Segmentation POS; Syntactic parsing; NER	
Tools for each module	NLTK modules Use wrappers (Maltparser)	
Source for documents	Online newspaper (Small list of them)	
To get the documents	Auto	
Main entities ?	PLACES, PERSONs, ORGANIZATIONS, TIME and DATE, TYPE of attack	

Assignment #2

- Define, develop and evaluate a **complete pipeline** to extract information
- Pipeline should be design for a specific application, previously defined
- The status of the pipeline will be evaluated by a **short technical report**
 - Deadline 5 January (?)

Assignment #3

- Creation of the **complete application**, with user inputs and visualization/transmission of the results to the end user
 - A public **presentation** will be made
 - including a demo, for evaluation
 - Another information for evaluation will be a short **written report** regarding both application and pipeline
- Planned for the last class