TP – Argument Mining

1) Download these three datasets annotated for Argument Mining tasks:
   - Argument pairs from debate platforms (Debatepedia and ProCon): http://www-sop.inria.fr/NoDE/NoDE-xml.html#debatepedia
   - Argument components and relations from persuasive essays: https://www.ukp.tu-darmstadt.de/data/argumentation-mining/argument-annotated-essays/
   - Argument components from political speeches: http://argumentationmining.disi.unibo.it/aaai2016.html

2) Develop a tool for visualizing these datasets such that:
   - For datasets annotated with argument components: you visualize with a different color the different components (e.g., claims in red, evidences in green, major claims in blue, …).
   - For dataset annotated with argument relations: you visualize with a different color the different kinds of relation (e.g., red for attack relations and green for support relations).
   - For the NoDE dataset, you should check to avoid replications of the same pair and you need to construct the graph, one for each topic in the dataset. The graph is composed of the pairs contained in the dataset.
   - Both for intra- and iter-argument relations the visualization page should provide a "short" version of the argument (i.e., you do not visualize the whole textual content of the argument or the argument component, but you provide the first 5 words only, then you complete with […]). You have to implement also the functionality such that, by clicking on the argument (or argument component), the entire argument is visualized in a pop-up window.

   <u>No programming language is imposed; you are free to use the language you prefer.</u>

3) Write a report (min. 2 pages – max. 5 pages) with all the details about the implementation and the obtained results.

SEND BOTH THE REPORT AND ALL THE MATERIAL
(I.E., SOURCE CODE AND REPORT) IN A .zip FILE TO villata@i3s.unice.fr

DEADLINE: MAY 23rd, 2018