End-to-end Argument Mining (AM)

1. Goal

Automatic identification and extraction of arguments presented in natural language texts.

2. Problem description

AM deals with finding argumentation structure in unstructured text. This proceess involves mainly two stages:

1. Arguments extraction, which involves

    1. Arguments Identification: Component segmentation of text to identify arguments locations and thier boundery within the text.
    2. Arguments components Indentification: Classify identified arguemnts into different classes such as claim, premise

2. Relations prediction, which involves finding the relation between argument components such as against, support, etc.

Example:

Sinceit killed many marine lives *(Premise)*,tourism has threatened nature *(Claim)*.

3. Schedule

The project is segemented into five major steps:

1. Survey
2. Impelementation
3. Result analysis
4. Re-Implementation and re-analysis (if needed)
5. Reporting and Presentation

Refer to the appendix A for the time schedule.

4. Supervisors

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