



# Identification of argumentation acts

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# What is argumentation ?

- ◆ Major component in human intelligence
- ◆ Process whereby arguments are constructed, exchanged and evaluated
- ◆ A specific type of discourse often used in daily life

# Why choosing this topic ?

- ◆ Many professionals handle arguments systematically
- ◆ Crucial in many artificial intelligence research problems



# What we want to do ?

- ◆ Determine elementary units of argumentation
- ◆ Find the internal structure of elementary units
- ◆ Determine the relations between elementary units
- ◆ Detect the argumentation structure

# How we want to do it ?

- ◆ Chose an appropriate *Corpora*
- ◆ Identify arguments (classification problem)
- ◆ Determine argument limits (segmentation problem)
- ◆ Determine arguments type (complex)
- ◆ Detect argumentation structure (complex)



Questions ?