

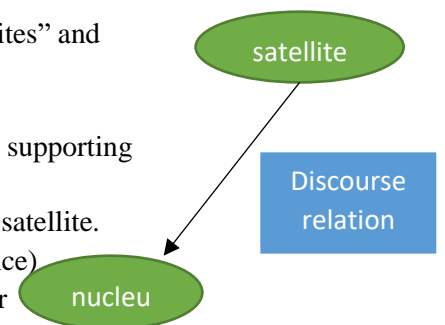
## TEXT COHERENCES

- Human languages do not normally consist of isolated,unrelated sentences,but contains collocated,structured,linked groups of sentences.
- We refer to such structured group of sentences as a discourse
- The word coherence refers to the relationship between sentences which is not just random assembling of sentences.
- Example :**jane took train from paris to Istanbul. she had to attend a conference**
- The sentence#2 provides a reason to the sentence #1.
- The coherence relation connecting two sentences is “**Reason**”.
- There could be many coherence relation that exit between sentences, paragraphs and even between documents
- Rhetorical structure theory(RST) is one such theory that provides these coherence relations.

## RST BASICS

- RST is a descriptive theory which focuses on the organization of the natural language.
- RST has proved to be a powerful tool in analyzing the disourse of a text since 1987.
- RST mainly captures the coherence in the fragments.
- The coherence is found between two/more text spans in the text.
- A text span could be a sentence , paragraphs, and even documents.

- The building blocks of rst are “nucleus”,,”satellites” and “discourse relations”
- The nucleus carries the necessary information
- The satellites carries the additional information supporting the nucleus.
- The discourse relation connect the nucleus and satellite.
- Nucleus-discourse relation -satellite(nrs sequence)
- The RST based discourse structure are used for Many NLP application .
- Summary generation
- Question answering system
- Information retrieval system



John sings well but he could not win the contest

