

# A Rhetorical Annotation Tool - JANTOR

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# Rhetorical Figures

**plоче** (lexeme repetition): **jump jump jump**

**polyptoton**: (lemma repetition with different morphemes), **jumping jumpers jump**

**epanaphora** (lexeme repetition at the beginnings of phrases): **Jumping helps circulation. Jumping builds calf muscles. Jumping gets you off the ground.**

**epistrophe** (lexeme repetition at the ends of phrases): **Fred knows about jumping. Betty loves jumping. Wilma thinks twice before jumping.**

**anadiplosis** (lexeme repetition across phrasal or clausal boundaries): **Fred knows about jumping. Jumping builds calf muscles.**

Other figures that JANTOR can detect: Antimetabole, Epanalepsis, Epizeuxis, Isocolon, Oxymoron, Polysyndeton

# JANTOR

- Java Annotation Tool of Rhetoric
- Processes HTML
- Methods used:
  - For repetitions: lexicalized probabilistic context-free parser;
  - For parallelisms: simple parse tree distance for calculating difference between similarly structured phrases;

# JANTOR contd.

- **Methods used:**
  - For finding derivationally related words: extended Porter stemmer algorithm and WordNet semantic relationships;
  - For finding contradictions (oxymorons): typed dependency grammars together with WordNet.

# Rhetorical Analyses

- Formal Speech strategies
  - Intensity of Rhetoric
  - Evolution
  - Placement
- Sacred Text translation strategies
  - Rhetorical figure frequency
  - Translation Bias