

Dialogue Systems

Luděk Bártek

Laboratory of Searching and Dialogue, Faculty of Informatics, Masaryk
University, Brno

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Dialogue System – Response Generation

- The Dialogue System sends information to be send to user to a response generator.
 - Attribute — Value pairs (see Pawlak's IS).
- The response generator creates grammatically correct sentence in language used for system — User communication:
 - fills the information to be presented to user into the preprepared sentences
 - fills slots into the frames,
 - generates responses from a semantic representation of a speech.
- Problems:
 - nouns/verbs inflection
 - inflection irregularities.
- Matters especially of morphologically rich languages.

- **Inflection:**
 - selection of frame corresponding to the case of noun respectively verbal form.
 - The form of a frame should correspond to the expected values. slotů.
 - using lemmas and inflection and tense rules. The language irregularities should be solved.