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Processing of linguistic data using SSF API

The goal of this workshop is to present SSF (Semantic-syntactic framework) application programming interface (API) for linguistic data processing within JupyterHub service. Retrieval and preparation of texts for syntactic and semantic analysis will be demonstrated. The current state of API functionality will be demonstrated in practical examples. Moreover, attendants will be acquainted with the basics of NLTK Python package for natural language processing and some of the machine learning techniques in language modeling.

Keywords: syntactic and semantic analysis, SSF API, NLTK package