A.P. Ershov Institute of Informatics Systems
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Аспирантура 2020 PhD

Институт Математики/ Институт Систем Информатики

Experience

Financial Companies: «Diasoft», «BCS», «Sberbank Technologies»
- Databases
- Spring Open Source | Java
- RedHat OpenShift
- Jenkins Jobs | Versioning | Checking
- Models

Objective. Huawei approach

Science content oriented search improvement

- + Marked Data
- + Reducing amount of labels
- + Data validity
- + Model Quality Improvement
- - Label inconsistency, Poor data

Model chosen and its training problems

- New tag, correctness and matching
- Results: Ordering and targeting
- Tag weight definition, Mind Map
- The likelihood and consistency of tag content (and more parameters)

Convenience is an idea

- Machine learning and working at the same time
- Connection to new databases via a separate simple module
- Scanning, preprocessing tags as an initialization process
- Mixed search sources

Future goals

- **Analysis of difficulties and "dead ends" in research work, including the hierarchy of problems**
- Multilingualism (only English is taken as a source for the current set)
- Processing scientific formulas (Specific for particular area of Science)
- Formation of general templates for an arbitrary field or Science

The end

Thank you