RDFtex: Import and Export Examples

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1 Examples for Imported Contributions

1.1 Dataset Import

Dataset 1. SciERC [2]
Domain: Artificial Intelligence
Description: "Our dataset (called SciERC) includes annotations for scientific entities, their relations, and coreference clusters for 500 scientific abstracts." [2]

Dataset 1 shows an imported dataset.

1.2 Definition Import

Definition 1. *A knowledge graph acquires and integrates information into an ontology and applies a reasoner to derive new knowledge.* [1]

Definition 1 shows an imported definition.

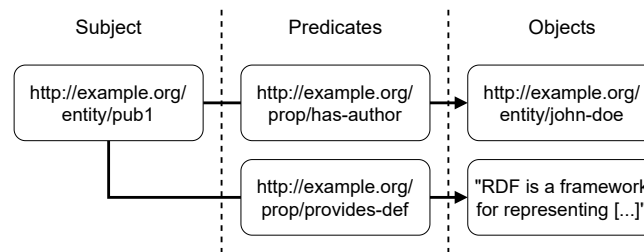### 1.3 Experimental Result Import

1.4 Figure Import

Fig. 1. A simple exemplary knowledge graph consisting of two RDF triples. The upper triple provides contextual information, the lower triple contentual information of the publication *pub1*. All non-literal triple members are identified using IRIs. (Figure and caption adopted from [3].)

Figure 1 shows an imported figure.

1.5 Software Import

Software 1. Protégé-2000 [4]
URL: `https://protege.stanford.edu`
Description: "Protégé-2000 is an open-source tool that assists users in the construction of large electronic knowledge bases. It has an intuitive user interface that enables developers to create and edit domain ontologies. Numerous plugins provide alternative visualization mechanisms, enable management of multiple ontologies, allow the use of inference engines and problem solvers with Protégé ontologies, and provide other functionality." [4]

Software 1 shows an imported software.

2 Examples for Exported Contributions

2.1 Definition Export

2.2 Dataset Export

2.3 Figure Export

2.4 Experimental Result Export

2.5 Software Export

References

1. Lisa Ehrlinger and Wolfram Wöß. Towards a definition of knowledge graphs. In *Joint Proceedings of the Posters and Demos Track of the 12th International Conference on Semantic Systems - SEMANTiCS2016 and the 1st International Workshop on Semantic Change & Evolving Semantics (SuCCESS'16) co-located with the 12th International Conference on Semantic Systems (SEMANTiCS 2016), Leipzig, Germany, September 12-15, 2016*, volume 1695 of *CEUR Workshop Proceedings*. CEUR-WS.org, 2016.
2. Yi Luan, Luheng He, Mari Ostendorf, and Hannaneh Hajishirzi. Multi-task identification of entities, relations, and coreference for scientific knowledge graph construction. In *Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing, Brussels, Belgium, October 31 - November 4, 2018*, pages 3219–3232. Association for Computational Linguistics, 2018.
3. Leon Martin, Robin Jegan, and Andreas Henrich. On the form of research publications for use in scientific knowledge graphs. In *Wissensorganisation 2021: 16. Tagung der Deutschen Sektion der Internationalen Gesellschaft für Wissensorganisation (ISKO) (WissOrg'21)*, (accepted for publication) 2021.
4. Natalya Fridman Noy, Monica Crubézy, Ray W. Fergerson, Holger Knublauch, Samson W. Tu, Jennifer Vendetti, and Mark A. Musen. Protégé-2000: An open-source ontology-development and knowledge-acquisition environment: AMIA 2003 open source expo. In *AMIA 2003, American Medical Informatics Association Annual Symposium, Washington, DC, USA, November 8-12, 2003*. AMIA, 2003.