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I have been working as an Information Architect in Refinitiv mostly focusing in the creation of models and data validation on an RDF Metadata Registry by utilizing SHACL. Our models are described with SHACL so they are also used to validate any data entering our Metadata Registry and we create also additional constraints to ensure RDF data comply with business policies (identifier policy, provenance, bi-temporal data and ontology versioning). I am also involved in another Semantic Web project called BOLD Framework that creates graph feeds for financial data for our customers. In a more general sense I am assigned to evangelise RDF, SHACL and linked data concepts in the company.

Before Refinitiv I was working as a Semantic Solutions Architect in TopQuadrant where I developed Enterprise Ontologies, Data Models, and Reference Data solutions in the financial sector, consumer goods companies, regulatory compliance, life science and in the Oil & Gas industry.

I have worked as a Linked Data Architect in Tenforce, Brussels focusing in the LOD project and the SPARQL interface of EU Open Data Portal. Lastly, I have also been involved in the EU ISA Interoperability Program creating the first case studies of the Core Vocabularies.

Based on my experience, Shapes Constraint Language (SHACL) which is a W3C standard has revolutionize Semantic Web applications in the industry. It enforces constraints and business policies and guarantees high quality data. It is now apparent that not only compliments integration and modeling capabilities of Semantic Web but it was the missing piece for wider adoption of Semantic Web in real life applications.

I am now very interested in the context of my current role, for a W3C standardized way to create new control information based on rules running on RDF data. Spin is not a W3C standard and SHACL rules are still an advanced feature and not included in the core recommendation.

I have been using both in various projects to create data based on waves of rules and I can share my experience with the audience and I would like their input of implementing rules in a simple and practical way. Since in Refinitiv, we are heavily using SHACL, we are inclined to prefer moving the SHACL Advanced Features working group to a standard recommendation and we are willing to play an active role towards that. However, we are also open to other ideas and we hope that in the context of the workshop we might discover other real-life implementations for controlled rules on RDF data.

Finally, I would be willing to share our experience on ontology and data versioning which mostly relies on Named Graphs and stimulate discussions and discover other solutions on this matter.