



# GraphDL: An Ontology for Linked Data Visualization\*

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**Abstract**—Linked Data is an increasingly important source of information and contextual knowledge in Data Science, and its appropriate visualization is key to effectively exploit them. This work presents an ontology to generate graph-based visualizations of Linked Data in a flexible and efficient way. The ontology has been used to successfully visualize DrugBank and DBPedia datasets in a large visualization environment.

**Index Terms**—Linked Data, Ontologies, Visualization, Big Data