WP-Semantix and DBpedia Association launch first SQL Semantic Knowledge Graph that Integrates Wikipedia and Wikidata Knowledge into SQL engines.

Tel Aviv, Israel and Leipzig, Germany – July 18, 2019

WP-Semantix (WPS) - the "SQL Knowledge Graph Company™" and DBpedia Association - Institut für Angewandte Informatik e.V., announced today the launch of the *timbr*-DBpedia SQL Semantic Knowledge Platform, a unique version of WPS' *timbr* SQL Knowledge Graph that provides for the first time semantic access to DBpedia knowledge in SQL and facilitates DBpedia knowledge integration into standard data warehouses and data lakes.

DBpedia is the crowd-sourced community effort to extract structured content from the information created in various Wikimedia projects and publish these as files on DBpedia's Databus. This structured information resembles an open knowledge graph which is available for query by everyone on the Web.

Knowledge graphs are databases developed to store knowledge in a machine-readable form, organized as connected, context-enriched data. Following the publication of DBpedia and Freebase 12 years ago, knowledge graphs became popular and used in applications such as Google's knowledge cards displayed in search results. DBpedia is the most successful open knowledge graph with 20 million hits daily (all APIs), 4000 website visitors weekly and 0.6 million files served per year.

Amit Weitzner, founder and CEO at WPS commented: "Knowledge graphs use specialized languages, require resource-intensive, dedicated infrastructure and require costly ETL operations. That is, they did until ***timbr*** came along. *timbr* employs standard SQL – the most widely known database language, to provide knowledge graph functionality based on Semantic Web principles and to eliminate the technological barriers to entry for enterprise's use of knowledge graphs."

Dan Weitzner, founder and VP R&D at WPS commented that "*timbr* transforms big data engines into reasoning machines by enabling modeling of data as connected, context-enriched concepts with inference and graph traversal capabilities while being queryable in standard SQL. ***timbr*-DBpedia** is DBpedia's only SQL-based interface, so we are very excited by the prospects of our cooperation with DBpedia to enable the largest user base to query the world's knowledge in SQL."

Sebastian Hellmann, executive director of the DBpedia Association commented that "our vision of the DBpedia Databus – transforming Linked Data into a networked data economy, is becoming a reality thanks to tools such as *timbr*-DBpedia which take full advantage of our unique data sets and data architecture. We look forward to working with WPS to also enable access to new data sets as they become available ."

Prof. James Hendler, pioneer and a world leading authority in Semantic Web technologies and WPS' advisory board member commented "*timbr* can be a game-changing solution by enabling the semantic inference capabilities needed in many modeling applications to be done in SQL. This approach will enable many users to get the advantages of semantic AI technologies and data integration without the learning curve of many current systems. By giving more people access to the semantic version of

Wikipedia, *timbr*-DBpedia will definitely contribute to allowing the majority of the market to explore the power of semantic technologies."

timbr-DBpedia is available as a query service or licensed for use as SaaS or on-premises.

About WPS

WP-Semantix Ltd is the developer of the *timbr* SQL Knowledge Graph. *timbr* is *natively* accessible in Apache Spark, Python, R and SQL to empower data scientists perform complex analytics and generate sophisticated ML algorithms. Its JDBC interface provides seamless integration with the most popular business intelligence solutions to make complex analytics accessible to users across organizations.

Contact:

Tzvi Weitzner, CSO
+18329988697
pr@wpsemantix.com