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• RDF is being used as the " protocol " to	digitalize information in many industr	ial applications (including IOT)
• RDF and semantic web technologies a	re open and community-driven (limited	l vendor lock-in)
 Standards (including upper ontologies)) give us a language to communicate d	ata in our business.
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Why sem (when linked data arguab)	vy did not take off?)	×
1.	Business reason: Automated Enterprise Data Warehouse tech like "Data Vault 2.0" are emerging to deliver "360°" solutions, ("360° product", "360° customer", "360° asset",), you need to integrate data across platforms.	
2.	When you map taxonomies to taxonomies with relationships you have ontologies, in a broad sense. This HAS to happen. The enterprise cannot escape ontology in some form.	
3.	The W3C OWL (web ontology language) language and the SKOS (simple knowledge organization system) ontology are proven platform agnostic methods, with open-source tooling. DCAT is used by governments to harmonize metadata to make public data sets searchable	
4.	Existing platforms also feel these trends and introduce semantic layers and proprietary knowledge graphs (or similar). We will soon have an "Enterprise zoo" of ontologies to map.	
5.	Semantic web methodologies can help you build a platform agnostic business centric warehouse, not a "source system" warehouse.	
6.	Using the semantic web methodologies, if not the serialization and tools will help the enterprise achieve quality of your enterprise ontology.	
H. Rynildsen @ PI M. Road Man FA	4E& & PDT Europe 2023	25

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