

Apache Jena

- description : Apache Jena
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Apache Jena

- 2000 (Bristol) HP Labs(HP)
- (semantic web) Java
- W3C RDF, RDFS, RDFa, OWL, SPARQL Java
- Jena OWL RDFS (a rule-based inference engine)' RDF triples()

RDF

- Resource Description Framework []
- RDF
- RDF is a directed, labeled graph data format for representing information in the Web.
- 🧐 RDF

RDFS

- RDF Schema : RDF Vocabulary Description Language 1.0
- RDFS RDF vocabularies
- 🧐 RDFS

RDFa

- RDFa : RDF in Attributes, [RDF]
- RDFa HTML5, XHTML, XML (attributes)
- 🧐 RDFa

OWL

- OWL : Web Ontology Language, []

- (Semantic Web Language)
- OWL
- OWL
- 😊 OWL

SPARQL

- SPARQL : Query Language for RDF
- RDF
- 😊 SPARQL

TDB

1. RDF Jena
2. Jena API
3. RDF store
4. TDB2 TDB TDB1
5. TDB1 TDB2
6. TDB store Jena API
7. transactions , TDB
8. TDB JVM TDB 1.1.0 JVM
9. TDB , Fuseki
10. Fuseki :
 - (persistent storage)' TDB SPARQL server
 - HTTP , REST update SPARQL

Triples

rule-based inference engine

Ref

What is Jena?

, [Jena](#), [Java-framework](#), [Semantic-Web](#)

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