

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
- 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 , JVM
TDB 1.1.0
9. TDB , Fuseki
10. Fuseki :
 - ' (persistent storage)' TDB SPARQL server .
 - HTTP , , REST update SPARQL .

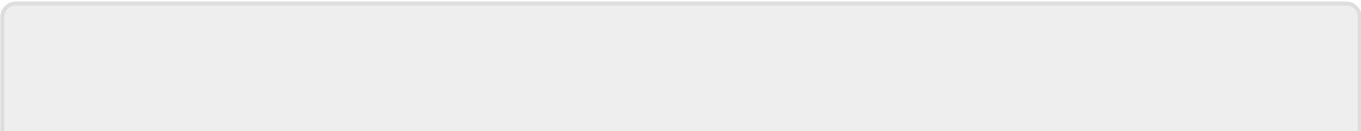
Triples

rule-based inference engine

Ref

What is Jena?

Eclipse Jena
, Jena, Java-framework, Semantic-Web



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