

- 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()

OWL

- OWL : Web Ontology Language, []
- (Semantic Web Language)'
- OWL
- OWL
- 😊 OWL

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

rule-based inference engine

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

TURTLE

- Turtle ==> Terse RDF Triple Language (RDF)
- RDF
- Turtle document ==> RDF
 - : A Turtle document is a textual representations of an RDF graph.

XSD

- XML Schema Definition : XML
- XML (element) (attribute) 가
- XSD XML by TCP SCHOOL.com
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Ref

What is Jena?

Eclipse

Jena

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

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