




User

Java Program 

Application Domain Model
(OWL/RDF syntax, ...) 

SPARQL Query 

Java Objects
(Value Inspector) 

JVM

(Paused) Program

J
P
D
A

IDE Plugin

Thesis Tooling

Java State
OWL Domain Model

Mapping State
to
RDF Graph

Knowledge Base 

Answering Engine

Inverse RDF Node Mapping

Program State

Program
State

RDF
Graph

RDF
Nodes

(C)

(D)

(E)

(E)

(B)

(F)