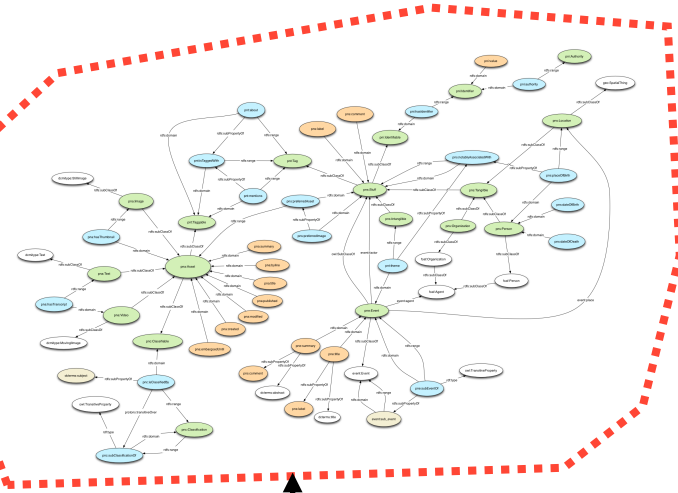


Ontology-based Knowledge Base



Query API

Reasoning Tools

Construction API

Ontology Converter

Original program

Well-structured doc. on libraries

Programmers; Domain experts

Human Users

Software (optimizers, testers)

prog analysis queries
answers

prog analysis queries
answers

program knowledge

library knowledge

other knowledge

Knowledge Acquisition

Knowledge Utilization (Program Analysis)