Domain Application

SEMANTIC QUERY GIS
INTEROP INTEROP

P2P

More complex and

heterogeneous

Spatial ontology

GIS

INTEROP

Model Architecture

Characteristics

P₂P

Information Interoperability & Decision Support

•Query rewriting

Query plan and

optimization

Merge respond

OUERY

PROCESSING

• Heterogeneous

semantic

Semantic

description of sources

SEMANTIC

INTEROP