Hu-Fu

Query Interface (§6)

Query Rewriter (§4)

Federated Spatial Queries

Asymmetric Queries

Symmetric Queries

Radius-Known Query	Radius-Unknown Query
Range Query/Counting, Distance Join	kNN Query, kNN Join

Basic Operators

Secure Operators

Summation	Count Comparison	Set Union

Distance Comparison	Location Perturbation

Plaintext Operators

Range Query	Range Counting	kNN Query

Drivers (§5)

Secure Primitives	Plaintext Primitives

PostGIS — Silo 1
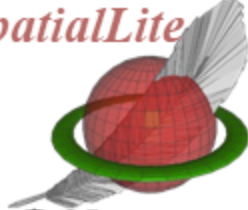
SpatialLite — Silo 2

geomesa — Silo 3

Simba — Silo 4

...

Spatial Hadoop — Silo n