**Contents: Mision / Vision**

Distributed Knowledge Base. Functional Syndicated Application Framework (Hypermedia: use cases).

Use Cases (problem / solution).

Problems description.

Integration by augmentation.

Integration by extension.

Declarative Application Design.

**Solution Approach**

Ontology matching (data, schema, behavior alignments).

Hypermedia Dataflow Activation (reactive / event driven knowledge based contents).

Features:

Augmentations (aggregate aligned sources data / schema / behavior enabling interoperation).

Aggregation.

Alignment.

Activation.

Functional "Dialog" Augmentation Semantics.

**RDF Introduction: Graphs, Triples, Quads**

**RDF for Object Graph Representations**

ToDo.

**Models**

Layers: Contexts. Semiotic / Dimensional metadata (layers / facets).

Facets: Inputs (Source data, Grammar schema, Interaction behavior).

Levels: Ontology (Backend, Session, Interaction).

**Meta Resources**

URI, Resource, Statement, Context, Attribute, Value, CSPO, Kinds. Hierarchies. APIs.

**Meta Model**

ToDo.

**Services, URIs, Resource(s) Functional APIs**

ToDo.

**IDs: Addressing / Encoding**

Message - Model - Template (data) - Augmentation (functor) - Transform (interaction) - Model - Message.

**Augmentation**:

Reactive Context Kind (matching signatures) dataflow.

Message - Model - Template (data) - Augmentation (functor) - Transform (interaction) - Model - Message.

Implementation API: Node / Container. Services (URIs Context Kind signatures resolution).

Core Services: Activation Augmentation (Naming).

Core Services: Alignment Augmentation (Index).

Core Services: Aggregation Augmentation (Registry).

Core Services: RDF / OWL Backend (endpoint, reasoning, persistence).

Core Services: DIDs Persistence (sync Node state: events sourcing).

Core Services: Protocol (I/O). Node, Session, Intetaction levels. Base Connector Augmentation API. Event driven URIs dialog / prompts protocol adapters.

**Implementation**

Languages, Patterns, APIs, Frameworks. (Container, Node, Model, Service, etc.).

**Deployment**

Protocol plugins (Protocol Service) Connectors. Runtime. Core Services. Endpoints. Dataflow.