



Enabling Web Search Information Architecture (IA) with a Fuzzy OWL API

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1. Introduction

Research endeavours such as describing and preserving important data assets (e.g. scientific data occurred by experiments) is of the current scope. *The aim of the current Proposal on Data Analytics and Aggregation Techniques would be much likely to satisfy the greater need of the IT community, to demonstrate the unceasing and attested, next- generation, technological values of tomorrow.* New benefits for the academia, with a tailor- based, information management strategy is examined, here. Moreover, the establishment of the future interaction between Academic Institutions, Laboratories, Governments and Organizations is estimated to be achieved through a robust and optimal, web search sharing tactic. **Our Fuzzy OWL API Information Architecture (IA) Model serves** the retrieval of multi- purpose data from multi- purpose web archives into case- specific Informative Environments. An important aspect of it, is the synthesis of aggregation of services, semantic indexing and representational system analysis of Open Data, which are in continuous scientific quest. But, the foremost insight, we consider, is the *Reviving of the Applicability of Soft Computing Techniques, often being used to reach, nowadays, new frontiers towards the integration of Information Resources and Data Assets and their E- Infrastructures, on top of them. Provenance of data, and their expected Certification Methods, are factors, taken into account, as well.*

2. Web As A Service- and the Added Value of our IA Model

The Added Value of our IA Model- Fuzzy OWL API is, as follows:

- (a)Optimal Annotation of the obtained data of different in purpose Access and Information Resource Points.
- (b)Reviving the existing web-compliant methods on processing Information Resources.
- (c)Enabling the Analysis and Implementation of new platforms and informative environments with interdisciplinary- oriented and interoperable standards and workflows.
- (d)Improving the current applied layers of software units of the Information Interlinkage tactics, and major security concerns of them.
- (e)Web- Intelligent Capabilities for the Enrichment of new standard protocols of, new and archived, Data Assets.
- (f)Providing, otherwise, sustainable methods for the long- term digital existence and curation of the Online Data Assets.

Finally, Examining Knowledge Repositories, from the technical perspective, of enriching or alternating their internal Information Architecture and Workflows.

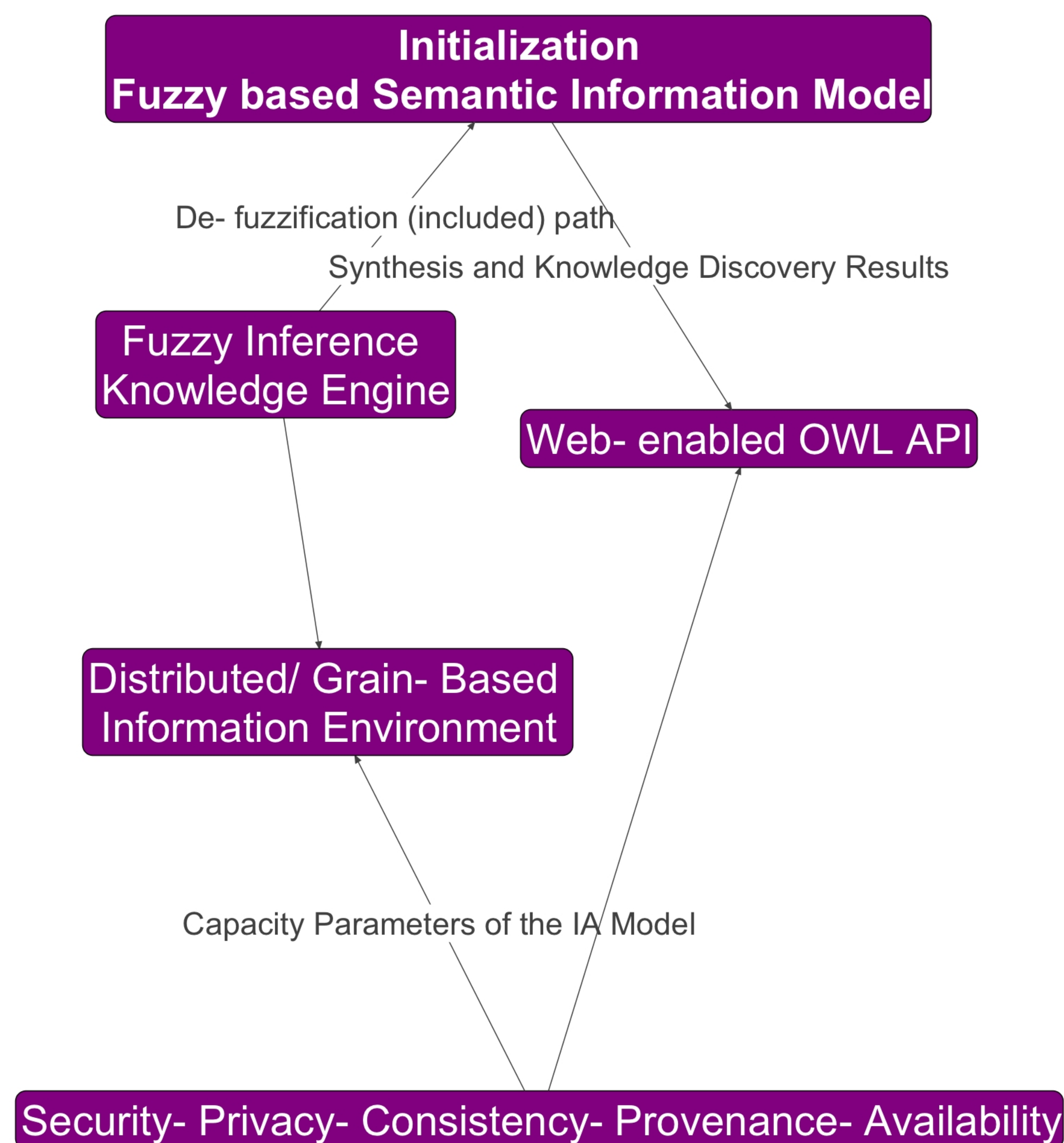
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3. Our Fuzzy OWL API IA Model

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