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http://ip-super.org/

Semantics Utilised for Process Management within and between Enterprises

General Information

Information Society and Media

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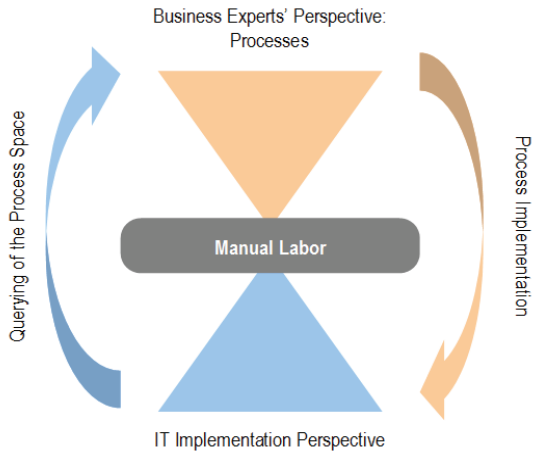
bring back business process management to business professionals

The greatest accomplishment of **SUPER** is that it paves the way for application of semantics in the BPM area by targeting its **complete lifecycle**.

Project **SUPER** has aided to facilitate meeting following **business goals**:

- **Time to market** – **SUPER** methodology and tools effectively and efficiency support the design and implementation of new business processing enabling the quick launch of new



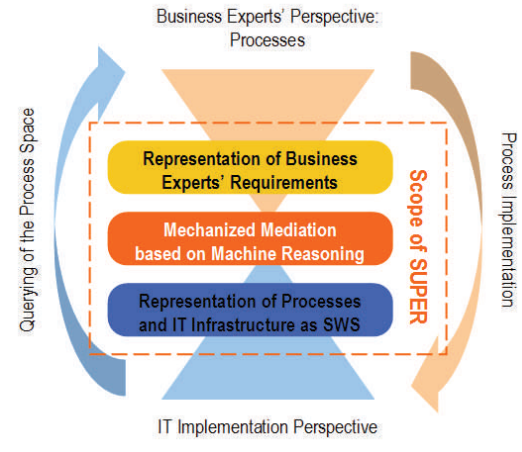
products and services.

- **Development of** intangible **assets** – **SUPER** framework enable the creation, development and maintenance of the enterprise knowledge in an explicit form.
- **Models sharing** – **SUPER** technology caters for the need of acquiring and sharing best practices, rules and models with other enterprises, partners, providers and industry associations.
- **Reference architecture** – Work performed in **SUPER** has laid foundation for state-of-the-art semantics based platform that support business process management along with its key postulates which are new **service discovery** and **service composition**.
- **Methodology** – a complete source of valuable information to be used when a similar solution is to be implemented in a organization along with aids for remoulding currently employed processes to fit the new solution.

SUPER project team has developed a variety of **technology** that form a consistent **framework** enabling business users interact with BP without extensive technical knowledge.

Main features of **SUPER** allow for:

- Business processes being executed in heterogeneous systems can be evaluated and compared with **no prior IT expertise**.
- Each and every custom business process or process model that has been semantically annotated can be **analyzed automatically**.
- Semantic annotation allows for **automated** matchmaking between processes and viable analysis content in order to come up with easy evaluation scheme.
- Predefined analysis content (which is derived straight from business questions) can be reconfigured during the analysis process. This allows to restrict the result instances according to the current need. This feature leverages constant **customization of results** tightly suiting analyst needs, better **quality of solution** and easier optimization based on semantically enriched feedback when **troubleshooting**.
- Use of carefully crafted semantic service composer that has been **tested in real-life scenarios** developed by leading **telecommunication partners**.



- Editing processes using **semantic-wise** editor that allows for auto completion based on the contents of organization wide process elements library.
- Employing **BPEL4WS** which captures best traits of industry strength standards and enriches it with semantics.