



PRESENTATION HEADLINES

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- SMISOS STRATEGIC OBJECTIVES



SMISOS AS A NEW TOOL

- Is what most companies looking for:
- A rapid development
- Easy to install
- Easy to understand
- Flexible and liable to be extended any time
- Able to interact with application or legacy
- Automated Process Management.
- Archive and tracing.



Features

- A new generation language for business processing.
- Is based on XML.
- Defines the documents flow in the company.
- Defines the rules and constraints on documents.
- Defines the documents themselves.
- Replace the classic way of posing solution to automate document flow in enterprises.



Implementation

- Glassfish (Sun Microsystem's product) integrated environment includes an application server + web server+ database+ Java full capabilities.
- SMISOS is integrated as new components with glassfish to pilot automated processes through SPDF (Specification for Process Description Format).
- SMISOS is responsible to create the needed tables to reflect the business objects.



SMISOS INNOVATION

- This innovation can be summarized in the following few words: It is envisaged that the modellers will define a document model that is able to support the syntactic and semantic document representation and the standards for electronic documents exchange.



GLASSFISH ADDED VALUE WITH SMISOS

- This will enable GlassFish to offer an environment for Semantic Web which would be a large added value for Web-based applications. This will allow to replace all existing client-server applications and to rely entirely on the power of the new generation of SUN machines: the new Sun SPARC Enterprise T5120 or T5220 servers running the UltraSPARC T2 processor.



SMISOS DEMO

DEMO



What did we show

- BUILDING PROJECT SMISOS IN ANY SECTOR WITHOUT USING CODES.
- USER DRIVEN (TABLE'S: DESIGN, COMPOSE).
- COMMUNITY ACCESS (AUTHENTICATION FOR EACH ROLE IN A SCENARIO).



Why did we show it?

- Extend GlassFish capabilities to add components for Semantic Web which would be a large added value for Web-based applications.
- The short term goal is to replace all existing client-server applications with the powerful semantic web services and to rely entirely on the power of the new generation of SUN machines: the new Sun SPARC Enterprise T5120 or T5220 servers running the UltraSPARC T2 processor.



How did we do it?

- We built upon:
- Project GlassFish (Sun Application Server, Sun & apache Java database, Java full capabilities (JSP & servlets)).
- Pilot automated processes through SPDF (Specification for Process Description Format).



What's the value proposition?

- Standards-based (WSDL, BPEL, XML, EDI).
- Introduce a new semantic integration layer with SPDF: a subset of XML that defines a new specification to configure scenarii for automated processes into various applications (market place, e-government, mobile, robotics).



SMISOS STRATEGIC OBJECTIVES

- **Identify and interconnect legacy system components .**
- **Develop server modules that perform intelligent process realisation and connectivity .**
- **Produce a Web service based knowledge sharing infrastructure .**



STRATEGIC OBJECTIVES

- **Develop business user tools .**
- **Establish overall security architecture to ensure authentication, access control and confidentiality of business data.**
- **And more; depending on synergy between EDIAUDIT and potential partners and users.**