Sun Position Statement W3C WS Choreography WG Meeting 3.13.03 - 3.14.03

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WS Choreography Value

- Necessary next step in emerging WS architecture
  1. Businesses need service collaboration among complex, long-running dynamic processes
  2. W3C is best positioned to drive creation of open, neutral and useful standard
  3. Timing on starting spec development in terms of Web Service adoption curve is right
     - B2B collaboration model nearing finalization; link to Web Service and EAI model ready to start
     - Should be one common model for message choreography across EAI and B2B

What Businesses Need

- Process interface
  1. Describes observable, dynamic behaviour of a Web Service in the context of a particular message exchange

2. Common message choreography model, with links to process interface

3. Clear methodology to map message choreography model to systems BPM existing

4. Standardized process execution language(s?)

“ Business” (legally enforceable) collaboration – generally between companies. Interaction based upon contractural collaboration

“ Simple” (non-legally binding) collaboration – generally internal to company. Interaction based upon loose agreement, if any.

W3C WS Choreography work

How Will this Work Be Used?

- Business analyst: To enable measurement, management, improvement and possible automation of business process integration and collaboration through Web service model
- Developer:
  - To properly understand and code interaction with a W/S through a “client” or other interacting service
  - As an “agreement” that may be satisfied by the W/S, although not necessarily in support of a “contract”

Guidelines

- Start simple
- Build on existing work that's available to the WG
  - Reuse existing assets
  - Learn from past mistakes and successes of industry
- Clear terminology
  - Explain terms in context of business scenarios as examples for better understanding and convergence

Guidelines

- Keep testing requirements in mind
  - How should/will this influence spec development, if at all?
  - Interoperability and convergence of ideas is essential; testing has role in this

Issues

- How drive convergence?
  - Deliver useful, timely work: start simple and build up
  - Direct customer/user involvement in spec development, marketing, positive statements from vendors & product adoption
  - Work closely with “domino” verticals on feedback & early adoption
  - Useful tests

Issues

- Need for executable process language?
  - Would it make the effort more immediately useful for enterprises?
  - However, Interface must not prescribe the executable side; must support multiple legacy environments
- How should W3C work tie into web service management?
- How should W3C work tie into the notion of a web service policy framework?