Init3bes16 - Conformance Profile Browser

Initial Analysis:

Item	Information/Response
Date:	01/26/2010
Requirement # unique id *<SemConOps Initiative>.<analysts initials><requirement number>* e.g. Init1dbw1 (eventually linked to Use Cases)	Init3bes16
Originator/Customer's Name:	John Koisch, Paul Boyes, Linda Schmandt
Originator/Customer's Company:	Guidekire Architecture, Guidewire Architecture, University of Pittsburgh

Summary of requirement initial analysis, by Reviewer: (as unambiguously as possible, describe who (List of Actors) is interacting with the system, what the business goal is and how the system might support the actor's ability to acheive their goal)	This requirement is based on an interview documented at:
	https://wiki.nci.nih.gov/x/shpyAQ
	
	Business goal: To allow developers/reviewers to find conformance profiles that standardardize semantic and functional descriptions for services
	
	Actor: Information Technologist or conformance/compatibility reviewer
	
	An information specialist would like to develop a service that conforms to an existing conformance profile. He uses a browser to search the conformance profile that overlaps with the business goals of his service OR A reviewer have noticed a conformance profile was cited in one of the specifications provided by developer and wants to learn the details of profile. In this case the reviewer uses browser to search the profile cited in specifications.
	The browser interacts with a conformance profile registry or repository that stores conformance profiles.
	The search function can use different portions of conformance profile to formulate a query:
	- Semantic Profile
	  Information model component names/annotations(class/attribute names)
	  Component descriptions
	 -Functional Profile:
	  Operation definitions/names
	  Operation annotation/description
	- Usage Context:
	  Free style text search on Constraints, pre-conditions, organizational/ geopolitical/ temporal boundaries, or other pertinent contextual information
	- Profile Metadata
	  Name
	  Version
	  Organization/authority
	
	Following search, using browser, the selected conformance profiles should be able to transformed to artifacts helping service implementation (e.g. WSDL). Browser should also provide a human readable version of conformance profile.

Recommended Next Step Enter one: Follow-up interview, Observe, Use Case Template (text), Use Case Model (formalized /UML diagram), Group Discussion, Prototype, Waiting Room	Follow up interview with an architect and a reviewer for further detailing the requirement for use case development. John Koisch and/or Paul Boyes can be contacted for appropriate contact. Linda Schmant, leading SAEFE/ECCF small group, can be contacted as a reviewer.