Init1pm10.pm20 - Expose underlying Tool functionality as Services

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Access semantic tooling functionality through service calls

Use Case Number	Init1pm10.pm20
Brief Description	The metadata/semantic tools in caBIG provide a rich set of functionality that may be useful to Information Technologists (especially Software Engineers) in a programmatic/service manner. The tools themselves would need to be refactored to expose the underlying functionality as services so that an application engineer could invoke the services to perform add, change or delete content in the metadata registry, or retrieve content to use the metadata in their user interface. In this scenario, the same business rules that are applied in the manual curation of content would need to be in the services. Examples also include new services to perform Value Domain matching, CDE and/or UML oriented searches that easily bring back associated components
Actor(s) for this particular use case	Software Engineer
Pre-condition **The state of the system before the user interacts with it**	The metadata tooling has been exposed as a service.
Post condition **The state of the system after the user interacts with it**	The metadata tooling functionality has been invoked.
Steps to take **The step-by-step description of how users will interact with the system to achieve a specific business goal or function**	1. The Software Engineer discovers the semantic tooling functionality that he wishes to utilize via a service 2. The Software Engineer invokes the service, passing in the appropriate data 3. The Software Engineer gets the results
Alternate Flow **Things which would prevent the normal flow of the use case**	None.
Priority **The priority of implementing the use case: High, Medium or Low**	Low.
Associated Links **The brief user stories, each describing the user interacts with the system for the one function only of the use case. There would potentially be a number of user stories that make up the use case.**	- Expose underlying Tool functionality as Services - Init1pm10 - Expose underlying Tool functionality as Services
Fit criterion/Acceptance Criterion **How would actor describe the acceptable usage scenarios for the software or service that meets the actor's requirement?**	None.