GRA Model Changes 7/7/2014 – CBC

The following proposed changes reflect suggestions in prior email 7/3.

* Removed default from AutomatedAgreementIndicator – default should be set by template.
* Added ServiceTesting:Description to ServiceInterfaceSpecification
  + Removed granular test properties from Operation.
  + Retained SampleData but changed multiplicities.
* Moved to Service Description and made “:Description” because InteractionRequirements is used at multiple levels.
  + Execution context
  + Security
  + Privacy
  + ServiceAssumtion
* Change multiplicity to 0..1 since they are optional in the intermediate file and defaults should be added in the template
  + All properties of InteractionRequirements (also removed default value as it is SIP specific)
* Naming consistency changes: Used upper case camel case (seems to be GRA convention).
* Removed redundant “A documented component” wherever found.
* Restricted multiplicities [0..1] of:
  + ServiceID, ServiceURI, ServiceNameAbbriviationText. IEPDName, IEPDURL (Note IEPDReference is still 0..\*
* Edited comment of “Documentation” in GRAServiceAnnotationBase and remove specific descriptions as documentation for any element can then consistently be put in element documentation and default to realized element (if provided).
* Changed Service to reference Participant, not subtype it.
* Removed most 1.. multiplicities since the user would not be required to enter these (would have default).
* Removed “AmountType” – lets parse this from a number with an optional CurrencyText as a prefix or suffix (As I doubt it will be used). E.g. 100 USD or $100. (currency text of “USE” or “$” respectively.
* Made “Descriptions” Attributes
* Kept original file (GRAAnnotationModelCombined) as a reference, then saved it in 2 forms:
  + GRAAnnotations – intent is that this is the file used by modelers to annotate their UML model. I removed all derived properties, removed aggregations, changed multiplicities to reflect things that are optional for the modeler, etc. This would be the source to generate…
  + GRAIntermediateModel – intent is that this is the source for the XSD and XMI of the intermediate form as produced by phase one. I removed all properties not meaningful - mostly the defaults.
* I updated the SIRS example to correspond to the above (model validated but not tested)

Other notes

* Clearly the SIP Name must impact the template – since the SIP impacts the SIDD content. This does not seem to be currently reflected in the XSLT.