

Issue 4: Business Service and Dissemination Service

Issue left over from finalisation of GSIM v1.0: Should Dissemination Service be a subtype of Business Service?

Currently in the model we have an object in the Production Group called Business Service.

Object	Group	Definition	Notes	
Business Service	Production	A defined interface for accessing business capabilities (an ability that an organization possesses, typically expressed in general and high level terms and requiring a combination of organization, people, processes and technology to achieve).	<p>A <i>Business Service</i> may provide one means of accessing a particular <i>Business Function</i>. Requesting a particular service through the defined interface may result in a business process (workflow) being executed.</p> <p>The explicitly defined interface of a <i>Business Service</i> can be seen as representing a "service contract". If particular inputs are provided then the service will deliver particular outputs in compliance within specific parameters (for example, within a particular period of time).</p> <p>In the case of GSIM, a <i>Business Service</i> typically implements a particular <i>Process Method</i> to perform a particular <i>Business Function</i>.</p> <p>Note: The interface of a <i>Business Service</i> is not necessarily IT based. For example, a typical postal service will have a number of service interfaces:</p> <ul style="list-style-type: none">- Public letter box for posting letters- Counter at post office for interacting with postal workers	

In the Structures Group we have an object called Dissemination Service

Object	Group	Definition	Notes	
Dissemination Service	Structures			

The mechanism for delivering, and possibly creating, structured content dynamically in response to a consumer request and in accordance with defined parameters as provided by that consumer.

A *Dissemination Service* will deliver a *Representation* created by a process that it invokes. The inputs into the *Dissemination Service* determine and feed the process that is to be invoked.

A *Dissemination Service* retrieves the information to be structured and delivered through an *Information Resource*. As part of the service execution, the consumer may be given a chance to browse or search through the collection of information available from the *Information Resource* exposed by the *Dissemination Service*. Based on the results, the consumer can then refine the *Output Specification* as (further) input to the *Dissemination Service* to complete the process of creating and delivering the information required in the form of a *Representation* to the consumer.

Example:

1. SDMX SOAP Data Web Services: The query XML message provides the Service with data selection and the specification of the preferred format (e.g. Generic format or Structured format, time series or cross-sectional). Based on this input the Service will retrieve a *Data Set* from the *Data Resource* and invoke a process that will format the data as an SDMX data message.

			<p>2. A manual service such as a response to a telephone request where the person answering the call based on the caller's request would mail a PDF (which might either be a <i>Product</i> or dynamically created from another source).</p>	
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