

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

<p>Dissemination Service</p>	<p>Structures</p>	<p>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.</p>	<p>A <i>Dissemination Service</i> will deliver a <i>Representation</i> created by a process that it invokes. The inputs into the <i>Dissemination Service</i> determine and feed the process that is to be invoked.</p> <p>A <i>Dissemination Service</i> retrieves the information to be structured and delivered through an <i>Information Resource</i>. 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 <i>Information Resource</i> exposed by the <i>Dissemination Service</i>. Based on the results, the consumer can then refine the <i>Output Specification</i> as (further) input to the <i>Dissemination Service</i> to complete the process of creating and delivering the information required in the form of a <i>Representation</i> to the consumer.</p> <p>Example:</p> <ol style="list-style-type: none"> 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 <i>Data Set</i> from the <i>Data Resource</i> and invoke a process that will format the data as an SDMX data message. 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). 	
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