



**SLOVENSKI STANDARD**  
**SIST ISO 19119:2005/Amd 1:2009**  
**01-maj-2009**

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**Geografske informacije - Servisi in druge storitve**  
**DOPOLNILO 1: Razširitve servisnega metamodela**

Geographic information - Services  
AMENDMENT 1: Extensions of the service metadata model

**iTeh STANDARD PREVIEW**

Information géographique — Services  
AMENDEMENT 1: Extensions du modèle de métadonnées du service

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**ICS:**

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# INTERNATIONAL STANDARD

**ISO**  
**19119**

First edition  
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2008-05-01

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## Geographic information — Services

### AMENDMENT 1: Extensions of the service metadata model

*Information géographique — Services*

*AMENDEMENT 1: Extensions du modèle de métadonnées du service*

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## Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to ISO 19119:2005 was prepared by Technical Committee ISO/TC 211, *Geographic information/Geomatics*.

Amendment 1 to ISO 19119:2005 focuses on extensions of the service metadata model, concerning a more detailed description of associated dataset of a service instance.

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## Geographic information — Services

### AMENDMENT 1: Extensions of the service metadata model

Page 19, 7.4.1, Para 3 (starting with “A service instance may be tightly coupled with a dataset instance, ...”)

Add the following.

A single service instance may have both kinds of data associated, loosely and tightly coupled. In this case, the instance is “mixed coupled”. The coupling type is formalised by the SV\_CouplingType class.

Page 20, Figure 8

Replace with the following UML model.

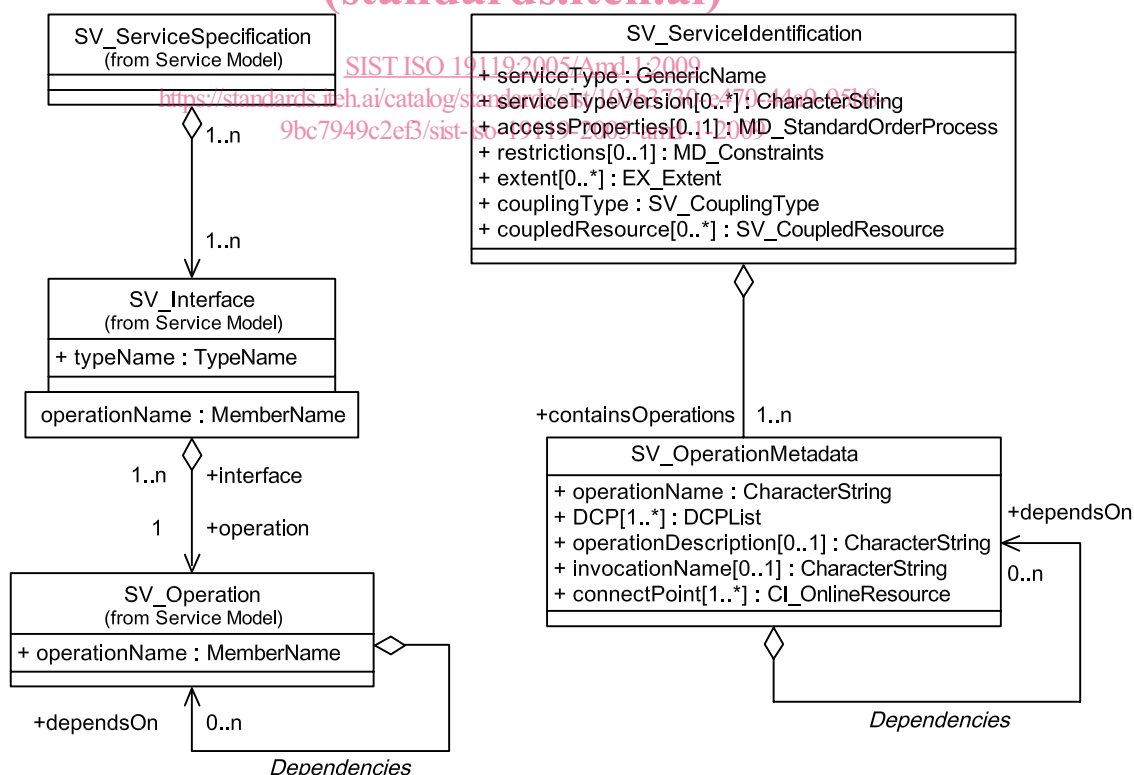


Figure 8 — Services and service metadata

Replace with the following UML model.

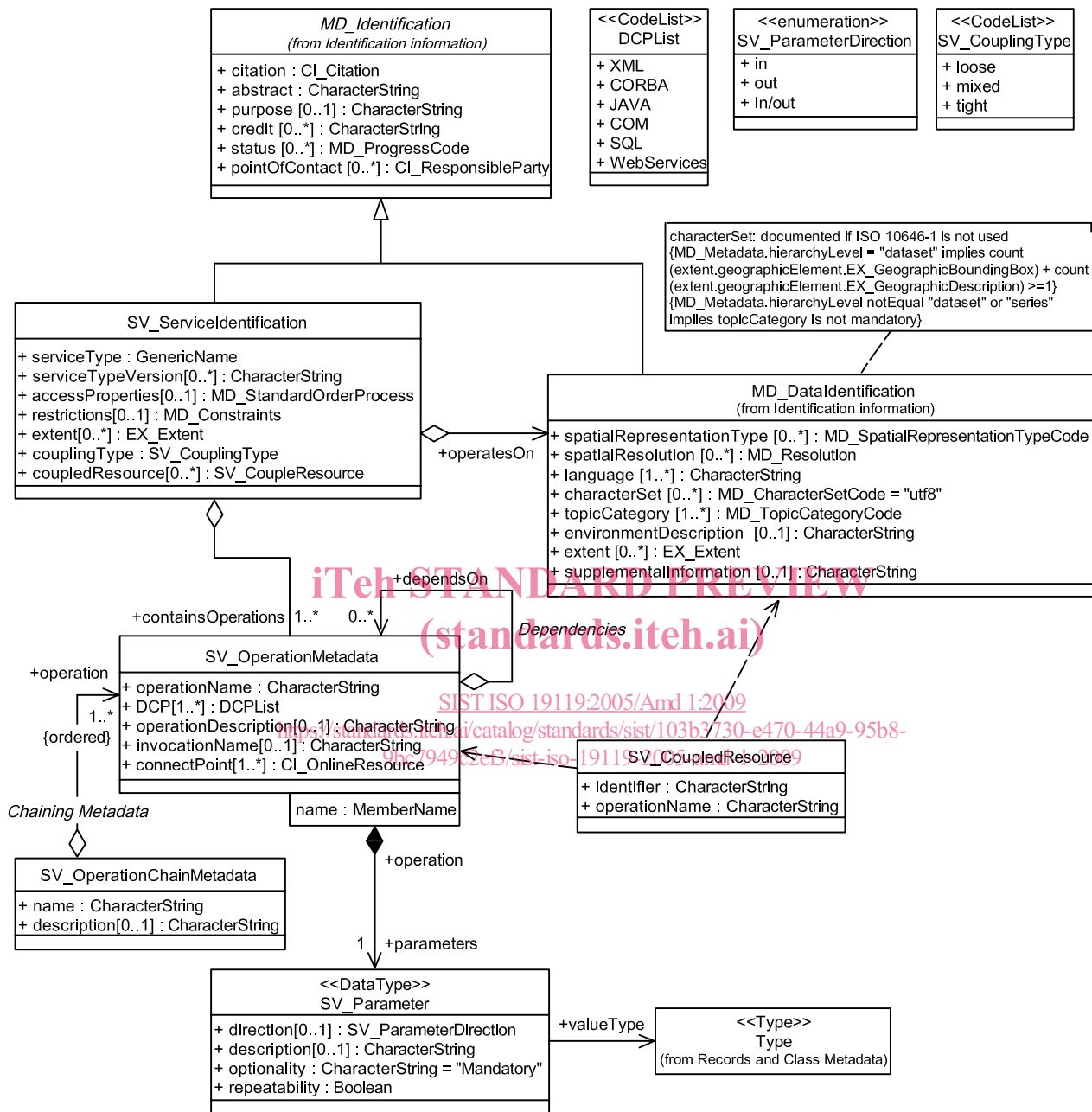


Figure 9 — Service metadata class diagram



Page 51, Table C.1

Add the following to Table C.1 “Data dictionary for SV\_ServiceIdentification”.

**Table C.1 — Data dictionary for SV\_ServiceIdentification**

	Attribute name/Role name	Definition	Obligation/Condition	Maximum occurrence	Data type
1.	extent	the geographic/temporal region where the service is valid, including the bounding box, bounding polygon, vertical, or temporal extent of the service	C/ if couplingType equals “mixed” or “tight” either extent.geographicElement.EX_GeographicBoundingBox or extent.geographicElement.EX_GeographicDescription is required	N	EX_Extent
2.	coupledResource	further description of the data coupling in the case of tightly coupled services	O	N	SV_CoupledResource
3.	couplingType	type of coupling between service and associated data (if exists)	M	1	SV_CouplingType

Pages 52 and 53

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Delete C.2.4. and renumber C.2.5, C.2.6 and C.2.7 as C.2.4, C.2.5 and C.2.6, and Tables C.4 and C.5 as C.3 and C.4 respectively.

Add the following subclauses after C.2.6.

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### C.2.7 Data dictionary for SV\_CoupledResource

SV\_CoupledResource links a given operationName (mandatory attribute of SV\_OperationMetadata) with a data set identified by an “identifier”, as shown in Table C.5.

**Table C.5 — Data dictionary for SV\_CoupledResource**

	Attribute name/Role name	Definition	Obligation/Condition	Maximum occurrence	Data type
1.	operation name	name of the service operation	M	1	CharacterString
2.	identifier	name of the identifier of a given tightly coupled dataset	M	1	CharacterString

SV\_CoupledResource requires that a given operationName or identifier shall refer to an existing operationName given by SV\_OperationMetadata.operationName or an identifier given by \_MD\_Identification.citation.identifier.code, respectively.