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Change Request #:	12
Assigned OGC Document #:	09-120
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Document Name/Version:	*Web Processing Service / 1.0.0
OGC Project Document:	*05-007r7
If this is a revision of a previous submission and you have a Change Request Number, then check here: <input type="checkbox"/>	
Enter the CR number here: <input type="text"/>	
Enter the Revision Number that you are revising here: <input type="text"/>	
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Title:	*Extension of the InputReference data structure
Source:	*Matthias Mueller
Work item code:	
Category:	* C (Functional modification of feature)
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Reason for change:	* Facilitate inter-service communication between WPS and OGC Services like WCS or WFS that provide geodata for further processing.
Summary of change:	* Introduction of a descriptor "Service Type" to the InputReference data structure.
Consequences if not approved:	1) Persisting difficulties in communicating with services that impose a limit on the volume of data returned in one request 2) Remaining necessity for client based data format negotiation
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Clauses affected:	*

10.2.1, Table 43

Additional Documents affected: ⓘ

Supporting Documentation: ⓘ

OGC data services like WFS and WCS are a common data source for processing inputs in service based SDI. These services usually support multiple data formats for output. WCS might also impose a limit on the data volume returned to one request. The introduction of standardized "serviceType" allows a WPS instance to recognize the remote data service and apply the appropriate methods for a data request. This involves the selection of the most appropriate data exchange format and, if necessary, subsequent requests to retrieve the whole dataset.

The additional parameter "serviceType" should be optional to maintain backwards compatibility. The data type could be either URI type or Character String type.

Comments: ⓘ

Status: ⓘ

Assigned

Disposition: ⓘ

Accepted