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Change Request #:	242
Assigned OGC Document #:	12-121
Name:	*Panagiotis (Peter) A. Vretanos
Organization:	*CubeWerx Inc.
Email:	*pvretano@cubewerx.com
Document Name/Version:	*Web Service Common Implementation Specification / 2.0.0
OGC Project Document:	*06-121r9
If this is a revision of a previous submission and you have a Change Request Number, then check here: ☐ Enter the CR number here: Enter the Revision Number that you are revising here:	
Title: 	* [OWS Common] Define XML and JSON schema for a web linking structure based on RFC 5988
Source: 	*pvretano@cubewerx.com
Work item code: 	
Category: 	* B (Addition of feature) 
Reason for change: 	* As OGC transitions from RPC-based web services to REST-based web services data linking become more critical as data linking is an important REST concept. As a result, OGC needs to define a standard schema in XML and JSON for a linking elements. Examples of existing linking elements are the "link" element in HTML and ATOM or JSON-LD in JSON.
Summary of change: 	* Add a new clause(s) to OWS common that define: 1) An XML schema for a link element based on RFC 5988. This should

	end up looking very similar to the link element used in ATOM. 2) A JSON schema to encoding links based on RFC 5988. There are several JSON linking proposals on the web that would need to be investigated to arrive at the ultimate encoding. Examples: From ATOM: <link rel="alternate" type="text/html" href="http://example.org/2003/12/13/atom03.html"/> From JSON: {<code>"_links": {</code>"self": {<code>"href": "/orders" },</code>"next": {<code>"href": "/orders?page=2"},</code>"search": {<code>"href": "/orders?id={order_id}" }}</code>}
Consequences if not approved:	Inconsistent implementations for linking elements among the OGC web services for which REST bindings are being defined.
Clauses affected:	* None. This would be a new clause(s) in the document.
Additional Documents affected:	
Supporting Documentation:	
Comments:	
Status:	Assigned
Assigned To:	OWSCommon1.2SWG
Disposition:	Referred and Posted