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.

Add a new clause(s) to OWS common that define:

1) An XML schema for a link element based on RFC 5988. This should
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: `{ "_links": { "self": { "href": "/orders" }, "next": { "href": "/orders?page=2" }, "search": { "href": "/orders?id={order_id}" } } }

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