All Fields marked with * are mandatory.

Change Request #:	**222**
Assigned OGC Document #:	**12-085**
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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 Revsion Number that you are revising here: [ ]	

Title:ⓘ	* Support Keyword URI in Capabilities
Source:ⓘ	*Frederic Houbie
Work item code:ⓘ	
Category:ⓘ	* [B (Addition of feature) ▼]

Reason for change:ⓘ	* `Trying to add semantic annotation to XML Capabilities, it is not possible to represent the URI of keywords`

Summary of change:ⓘ	*
	
	`OWS Common currently allows specification of keywords using the following structure`
	
	`<Keywords>`
	`        <Keyword xml:lang="fr-be">kw1</Keyword>`
	`        <Keyword>kw2</Keyword>`
	`        <Keyword>kw3</Keyword>`

```
        <Keyword>kw4</Keyword>
<type
codeSpace="http://www.eionet.europa.eu/gemet">GEMET
Thesaurus</type>

</Keywords>
```
Unfortunately, it does not allow representation of semantic
information like the URI of the keyword. Workaround is using the
keyword element content for that but it is semantically wrong. An
update to the schema adding an optional attribute to
ows:LanguageStringType would solve the problem
```
<attribute name="codeSpace"
                    type="anyURI"
                    use="optional" />

<Keywords>
        <Keyword xml:lang="fr-be"
codeSpace="http://www.eionet.europa.eu/gemet/kw1">kw1</Keyword>
        <Keyword>kw2</Keyword>
        <Keyword>kw3</Keyword>
        <Keyword>kw4</Keyword>
<type
codeSpace="http://www.eionet.europa.eu/gemet">GEMET
Thesaurus</type>

</Keywords>
```

Consequences if not approved:	Not possible to represent the URI of keywords so semantic operations are more difficult on such metadata

Clauses affected:	* 7.4.4.1;7.4.8;7.4.11;10.6.1;10.6.3;13.3.2
Additional Documents affected:	
Supporting Documentation:	OGC Document 08-167r2
Comments:	
Status:	Assigned
Assigned To:	OWSCommon1.2SWG
Disposition:	Referred and Posted