

QGIS Application - Bug report #13037

WFS GetCapabilities respons misses <keywords> key

2015-06-24 11:59 AM - Michele Giordano

Status:	Closed	
Priority:	High	
Assignee:	René-Luc ReLuc	
Category:	QGIS Server	
Affected QGIS version:	2.12.0	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:		Resolution: not reproducible
Crashes QGIS or corrupts data:		Copied to github as #: 21112
Description		
When you request getCapabilities to QGIS-server es. http://x.x.x.x/cgi-bin/qgis_mapserv.fcgi?map=myproject.qgs&#38;service=WFS&#38;request=GetCapabilities&#38;version=1.0.0 the reply is missing <Keywords> key in the <Service>. This is a tag described in OGC WFS 1.0 recommendation in http://portal.opengeospatial.org/files/?artifact_id=7176. It's not possible to use owslib.wfs to parse resources.		

Associated revisions

Revision e2d13202 - 2015-12-18 12:20 PM - René-Luc ReLuc

[BUGFIX] WFS GetCapabilities respons misses <keywords> key

Fixes #13037 WFS GetCapabilities respons misses <keywords> key

Replace KeywordList by Keywords in WFS Getcapabilities and keywords in WCS GetCapabilities.

Revision 6e4791ff - 2015-12-18 12:40 PM - René-Luc ReLuc

[BUGFIX] WFS GetCapabilities respons misses <keywords> key

Fixes #13037 WFS GetCapabilities respons misses <keywords> key

Replace KeywordList by Keywords in WFS Getcapabilities and keywords in WCS GetCapabilities.

Revision 7c633500 - 2015-12-18 12:54 PM - René-Luc ReLuc

[BUGFIX] WFS GetCapabilities respons misses <keywords> key

Fixes #13037 WFS GetCapabilities respons misses <keywords> key

Replace KeywordList by Keywords in WFS Getcapabilities and keywords in WCS GetCapabilities.

Revision 746af794 - 2015-12-18 02:39 PM - René-Luc ReLuc

[BUGFIX] WFS GetCapabilities respons misses <keywords> key

Fixes #13037 WFS GetCapabilities respons misses <keywords> key

Replace KeywordList by Keywords in WFS Getcapabilities and keywords in WCS GetCapabilities.

History

#1 - 2015-06-30 11:56 AM - Giovanni Manghi

- *Operating System deleted (All)*
- *Status changed from Open to Feedback*

I cannot confirm on qgis server master

```
<WFS_Capabilities version="1.0.0" updateSequence="0" xsi:schemaLocation="http://www.opengis.net/wfs
```

```
http://schemas.opengis.net/wfs/1.0.0/WFS-capabilities.xsd" &lt;Service>&lt;Name>WFS&lt;/Name>&lt;Title>map_none&lt;/Title>&lt;Abstract>-&lt;/Abstract>&lt;KeywordList>&lt;Keyword>blah blah&lt;/Keyword>&lt;/KeywordList>...
```

#2 - 2015-07-31 11:26 AM - Giovanni Manghi

- *Status changed from Feedback to Closed*
- *Resolution set to not reproducible*

closing for lack of feedback.

#3 - 2015-11-22 12:52 AM - jachym -

- *Status changed from Closed to Reopened*
- *Affected QGIS version changed from 2.8.2 to 2.12.0*
- *Priority changed from Normal to High*

Reopening:

The bug is actually about WFS Capabilities response invalidity - the XML response is simply wrong (according to OGC Schema).

How to reproduce (linux):

```
# download the schema file - it's url is in the head of Capabilities response
wget "http://schemas.opengis.net/wfs/1.0.0/WFS-capabilities.xsd"
```

```
# download the capabilities response
wget "http://localhost/cgi-bin/qgis_mapserv.fcgi?REQUEST=GetCapabilities&SERVICE=WFS" -O capabilities.xml
```

```
# validate
xmllint --schema WFS-capabilities.xsd capabilities.xml --noout
```

And the result is:

```
capabilities.xml:6: element KeywordList: Schemas validity error : Element '{http://www.opengis.net/wfs}KeywordList': This element is not expected. Expected is one of ( {http://www.opengis.net/wfs}Keywords, {http://www.opengis.net/wfs}OnlineResource ).
```

```
capabilities.xml:45: element GML3: Schemas validity error : Element '{http://www.opengis.net/wfs}GML3': This element is not expected. Expected
```

is ({http://www.opengis.net/wfs}GML2).

capabilities.xml fails to validate

Therefore I would say, QGIS WFS server is not usable at the moment. But maybe I did something wrong, correct me please, if so.

#4 - 2015-12-17 06:30 AM - Ivan Mincik

- Assignee set to Marco Hugentobler

When fixed, please backport it also to 2.8 LTS. Thanks.

#5 - 2015-12-17 02:33 PM - Ivan Mincik

- Assignee changed from Marco Hugentobler to René-Luc ReLuc

#6 - 2015-12-18 03:22 AM - René-Luc ReLuc

- Status changed from Reopened to Closed

Fixed in changeset commit:"e2d1320295fa16fc40f2787531bd5d2cbda2bd29".