QGIS Application - Bug report #4520
QGIS mapserver: Spaces in GetFeatureInfo filter string values are rejected

2011-11-12 09:22 AM - Mathias Walker

Status:	Closed		
Priority:	Normal		
Assignee:	Marco Hugentobler		
Category:	QGIS Server		
Affected QGIS version:master		**Regression?:**	No
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	
Crashes QGIS or corrupts data: No		**Copied to github as #:**	14438

Description

WMS request:

    http://localhost/wms/simple?SERVICE=WMS&VERSION=1.1.1&REQUEST=GetFeatureInfo&LAYERS=lakes&QUERY_LAYERS
    =lakes&FEATURE_COUNT=10&INFO_FORMAT=text/xml&SRS=EPSG:4326&FILTER=lakes:"NAME" = 'ZUGER SEE'

Response:

    <ServiceExceptionReport version="1.3.0">
     <ServiceException code="Filter string rejected">
      The filter string "NAME" = 'ZUGER SEE' has been rejected because of security reasons.
      Note: Text strings have to be enclosed in single or double quotes. A space between each word / special character is mandatory.
      Allowed Keywords and special characters are AND,OR,IN,<,>=,>,>=,!=,',',(,). Not allowed are semicolons in the filter
    expression.
     </ServiceException>
    </ServiceExceptionReport>

Spaces in the filter attribute as well as the filter value are rejected.

History

#1 - 2011-12-16 02:10 PM - Giovanni Manghi

- Target version set to Version 1.7.4

#2 - 2012-04-16 06:32 AM - Paolo Cavallini

- Crashes QGIS or corrupts data set to No

- Target version changed from Version 1.7.4 to Version 1.8.0

- Affected QGIS version set to master

#3 - 2012-09-04 11:55 AM - Paolo Cavallini

- Target version changed from Version 1.8.0 to Version 2.0.0

#4 - 2014-06-28 07:41 AM - Jürgen Fischer

- Target version changed from Version 2.0.0 to Future Release - Lower Priority

#5 - 2017-05-01 01:10 AM - Giovanni Manghi

- Regression? set to No

- Easy fix? set to No

#6 - 2018-10-15 04:06 PM - Paul Blottiere

- Description updated

A unit test is now included in QGIS 2.18 and Master for this use case:

```
self.wms_request_compare('GetFeatureInfo',
            '&layers=testlayer%20%C3%A8%C3%A9&' +
            'INFO_FORMAT=text%2Fxml&' +
            'width=600&height=400&srs=EPSG%3A3857&' +
            'query_layers=testlayer%20%C3%A8%C3%A9&' +
            'FEATURE_COUNT=10&FILTER=testlayer%20%C3%A8%C3%A9' + urllib.parse.quote(':"NAME" = \'two\' OR "utf8nameè" =
\'three èé↓\"),
            'wms_getfeatureinfo_filter_or_utf8')
```


with a space in the filter expression:

```
"utf8nameè" = \'three èé↓\'
```


#7 - 2018-10-15 04:07 PM - Paul Blottiere

- Status changed from Open to Closed