

# QGIS Application - Bug report #14139

## Error inserting feature in WFS-T server

2016-01-19 02:47 AM - Ivano Brunet

<b>Status:</b> Closed	
<b>Priority:</b> High	
<b>Assignee:</b>	
<b>Category:</b> Unknown	
<b>Affected QGIS version:</b> 2.12.2	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b>
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 22141
<b>Description</b>	
<p>Cannot insert a new feature composed by a single polygon/linestring into a geoserver multipolygon/multilinestring WFS-t layer.</p> <p>It raises an error:</p> <p>Could not commit changes to layer xxx:yyy</p> <p>Errors: ERROR: 1 feature(s) not added. Provider errors: unsuccessful service response: Error performing insert: java.lang.String cannot be cast to com.vividsolutions.jts.geom.Geometry</p> <p>But if create two polygon/linestring and merging them into a single feature, the insert works.</p> <p>It seems QGis send a gml multipolygon feature if there is more than a polygon, a polygon feature otherwise, while geoserver needs a strictly corresponding feature type with that defined on the layer.</p> <p>I think the correct behavior was to send a multi feature with a single polygon/linestring if the wfs layer is a multipolygon/multilinestring.</p>	

### Associated revisions

#### Revision 76841634 - 2016-03-30 05:29 PM - Alessandro Pasotti

Fix for simple geometries insert error in WFS-T

Fixes #14139 Error inserting feature in WFS-T server

#### Revision 86f0c5f7 - 2016-03-30 07:25 PM - Alessandro Pasotti

Fix for simple geometries insert error in WFS-T

Fixes #14139 Error inserting feature in WFS-T server

(cherry-picked from commit 768416340fdf233f8f5ce8945636d8df8b2e4f48)

Signed-off-by: Larry Shaffer <[lshaffer@boundlessgeo.com](mailto:lshaffer@boundlessgeo.com)>

### History

**#1 - 2016-02-14 10:37 AM - Jukka Rahkonen**

Yes, there is only one way to do it right and it is to respect the schema of the feature type. For example the schema of "topp:states" feature type can be checked with

<http://demo.opengeo.org/geoserver/wfs?service=wfs&#38;version=1.0.0&#38;request=describefeaturetype&#38;typename=topp:states>

Result contains

```
<xsd:element maxOccurs="1" minOccurs="0" name="the_geom" nillable="true" type="gml:MultiPolygonPropertyType"/>
```

which means that WFS client must use either an empty geometry or a MultiPolygon geometry in WFS transactions.

**#2 - 2016-03-30 10:05 AM - Alessandro Pasotti**

- *Status changed from Open to Closed*

Fixed in changeset commit:"768416340fdf233f8f5ce8945636d8df8b2e4f48".

**#3 - 2017-09-22 10:05 AM - Jürgen Fischer**

- *Category set to Unknown*