

# QGIS Application - Bug report #11864

## wfs parsing of decimal value results in QString

2014-12-15 06:33 AM - Maarten Pronk

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Web Services clients/WFS	
<b>Affected QGIS version:</b> 2.6.0	<b>Regression?:</b> No
<b>Operating System:</b> Linux, Windows	<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> 20079
<b>Description</b>	
When opening a (gml) WFS layer from geoserver with values such as:  0.01206198041412  the resulting field seen in the properties of the layer is:  Type QString Type name xsd:decimal  This prevents certain operations on the field, which is interpreted as a string.  The WFS 2.0 plugin does parse the values correctly, as type double, type name Real.	

### Associated revisions

#### Revision 97b8a72b - 2016-01-05 02:13 PM - Roel Huybrechts

Interpret 'decimal' fields as double in WFS provider.

Fixes #11864.

### History

#### #1 - 2016-01-05 03:42 AM - Roel Huybrechts

I think this can be fixed by adding 'decimal' to the checks in qgswfsprovider?

```
diff --git a/src/providers/wfs/qgswfsprovider.cpp b/src/providers/wfs/qgswfsprovider.cpp
index c728930..55b2db4 100644
--- a/src/providers/wfs/qgswfsprovider.cpp
+++ b/src/providers/wfs/qgswfsprovider.cpp
@@ -972,7 +972,7 @@ int QgsWFSProvider::readAttributesFromSchema( QDomDocument& schemaDoc, QString&
     else //todo: distinguish between numerical and non-numerical types
     {
         QVariant::Type attributeType = QVariant::String; //string is default type
-        if ( type.contains( "double", Qt::CaseInsensitive ) || type.contains( "float", Qt::CaseInsensitive ) )
+        if ( type.contains( "double", Qt::CaseInsensitive ) || type.contains( "float", Qt::CaseInsensitive ) || type.contains( "decimal", Qt::CaseInsensitive ) )
     )
     {
```

```
attributeType = QVariant::Double;  
}
```

**#2 - 2016-01-08 03:50 AM - Roel Huybrechts**

- *Status changed from Open to Closed*

Fixed in changeset commit:"97b8a72b8254a449127362cb153da8c137b74a97".