

QGIS Application - Bug report #5229

SQL Server type of geography: Latitude and Longitude are swapped.

2012-03-25 03:16 AM - Sergey M

Status:	Closed	
Priority:	Normal	
Assignee:	Tamas Szekeres	
Category:	Data Provider	
Affected QGIS version:	master	Regression?: No
Operating System:	windows 7	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution:
Crashes QGIS or corrupts data:	No	Copied to github as #: 14965

Description

When connecting to SQL Server (new native driver) to the table with the type of **geography** - longitude and latitude are swapped

SQL:

```
CREATE TABLE [dbo].[test](
  [ID] [int] IDENTITY(1,1) NOT NULL,
  [Geo] [geography] NULL,
  CONSTRAINT [PK_test] PRIMARY KEY CLUSTERED
(
  [ID] ASC
)WITH (PAD_INDEX = OFF, STATISTICS_NORECOMPUTE = OFF, IGNORE_DUP_KEY = OFF, ALLOW_ROW_LOCKS = ON, ALLOW_PAGE_LOCKS = ON) ON [PRIMARY]
) ON [PRIMARY]

GO

INSERT INTO test
SELECT *
FROM
(
  SELECT geography::Parse('LINESTRING (37.5213796 47.1254473, 37.5234009 47.1251464, 37.5236238 47.1251132)') Geo
  UNION ALL
  SELECT geography::Parse('LINESTRING (37.5131171 47.1227004, 37.5119065 47.122804, 37.5114139 47.1229543,
  37.5108024 47.1232576, 37.5101528 47.1235379, 37.5097069 47.1237922, 37.5088067 47.12424, 37.5074309 47.1249825,
  37.5073969 47.1250345, 37.5073969 47.1251154, 37.5074691 47.1251963, 37.5102037 47.1279814, 37.5103055
  47.1281257)')
) q
GO

INSERT INTO [geometry_columns]
([f_table_catalog]
,[f_table_schema]
,[f_table_name]
,[f_geometry_column]
,[coord_dimension]
,[srid]
,[geometry_type])
VALUES
('mydb'
```

, 'dbo'
, 'test'
, 'Geo'
, 2
, 4326
, 'LINESTRING')

QGIS version - 1.9.90-Alpha

Related issues:

Duplicated by QGIS Application - Bug report # 5302: SQL Server new provider d...

Closed

2012-04-04

Associated revisions

Revision be8f135a - 2012-04-12 01:44 PM - Tamas Szekeres

Fix for issues with sql server geography type (fixes #5229 fixes #5302)

History

#1 - 2012-03-26 05:54 AM - Nathan Woodrow

- Assignee set to Tamas Szekeres

#2 - 2012-04-12 04:53 AM - Tamas Szekeres

- Status changed from Open to Closed

Fixed in changeset commit:"be8f135abb8d1280738b7c672bbd8d804243f02c".