QGIS Application - Bug report #14229
Raster in projected CRS is not rendered in geographic CRS if the extent exceeds -180,-90,180,90

2016-02-04 01:26 AM - Radim Blazek

Status:	Closed		
Priority:	High		
Assignee:			
Category:	Rasters		
Affected QGIS version:	2.18.7	**Regression?:**	Yes
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	22227

Description

Raster in projected CRS is not rendered if OTFR is on, project is in geographic CRS and canvas extent exceeds -180,-90,180,90.

How to reproduce:
- set OTFR on
- set project CRS to EPSG:4326
- open qgis_sample_data/raster/landcover.img

Nothing is displayed until you zoom to area within -180,-90,180,90 covered by landcover.img

It is probably caused by
https://github.com/qgis/QGIS/blob/27f1637f/src/core/qgsmaprendererjob.cpp#L152

```
extent = QgsRectangle( -DBL_MAX, -DBL_MAX, DBL_MAX, DBL_MAX );
```

and consequently
https://github.com/qgis/QGIS/blob/27f1637f/src/core/raster/qgsrasterlayerrenderer.cpp#L85
tells "draw request outside view extent".

Associated revisions

Revision c09c96b0 - 2017-11-14 01:30 PM - Even Rouault

Raster renderer: fix so that raster in projected CRS is not rendered in geographic CRS if the extent exceeds -180,-90,180,90 (fixes #14229)

Revision eefcb318 - 2017-11-14 01:34 PM - Even Rouault

Raster renderer: fix so that raster in projected CRS is not rendered in geographic CRS if the extent exceeds -180,-90,180,90 (fixes #14229)

History

#1 - 2016-02-04 10:58 AM - Giovanni Manghi

- Target version changed from Future Release - High Priority to Version 2.14

#2 - 2017-02-28 12:16 AM - Giovanni Manghi

- Target version changed from Version 2.14 to Version 2.18

- Affected QGIS version changed from master to 2.18.4

#3 - 2017-04-30 05:08 PM - Giovanni Manghi

- Regression? set to Yes

#4 - 2017-04-30 05:08 PM - Giovanni Manghi

- Priority changed from Severe/Regression to High

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

- Easy fix? set to No

#6 - 2017-05-05 01:57 PM - Giovanni Manghi

- Description updated

- Affected QGIS version changed from 2.18.4 to 2.18.7

#7 - 2017-11-14 01:30 PM - Even Rouault

- % Done changed from 0 to 100

- Status changed from Open to Closed

Applied in changeset commit:qgis|c09c96b03e5ed6bf043145471974eede2e34bb16.