QGIS Application - Bug report #15549
GDAL 2.1.1: gdalwarp to VRT produces large output file if cropping to cutline

2016-09-09 12:17 AM - Christoph Candido

Status:	Closed		
Priority:	Normal		
Assignee:	Even Rouault		
Category:	GDAL Tools		
Affected QGIS version:	2.16.2	**Regression?:**	No
Operating System:	Windows	**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	up/downstream
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	23472

Description

During some tests with gdalwarp, i recognized a change between GDAL 1.11.4 and GDAL 2.1.1 regarding the creation of VRT files.

When cropping to a rectangular cutline, the output VRT file is much larger in GDAL 2.1.1 than in GDAL 1.11.4.

The larger size results from an automatic segmentation of the cutline, which produces a lot of additional vertex points.

Using GDAL 1.11.4 the resulting VRT files are much smaller, because there is no cutline segmentation.

Is this behavior intended?

Are there any settings or flags to disable the automatic segmentation?

Best regards and my thanks for your efforts!

Christoph

History

#1 - 2016-09-09 12:21 AM - Jürgen Fischer

- Resolution set to up/downstream

- Status changed from Open to Closed

The GDAL tracker is at http://trac.osgeo.org/gdal

Files

Austria.png	132 KB	2016-09-08		Christoph Candido
Austria_GDAL1.11.4.vrt	3.81 KB	2016-09-08		Christoph Candido
Austria_GDAL2.1.1.vrt	40.5 KB	2016-09-08		Christoph Candido